



PROVIDING SOLUTIONS FOR YOUR TRACTOR

ATTACHMENTS TO MAKE
YOUR TRACTOR MORE
PRODUCTIVE

*Complete Line of Agricultural
& Landscape Implements,
and Construction Attachments*

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VINEYARD



ORCHARD



FARM



RANCH



LANDSCAPE



CONSTRUCTION





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This catalog presents a wide selection of equipment. Farm, ranch, landscape, municipal, and construction equipment users will find 233 different implements in 715 different widths or capacities to fit their exact requirements.

Gearmore provides quality implements, through servicing tractor dealers. It is Gearmore's continuing goal to develop and provide the finest and most reliable equipment at affordable prices.

Please use this catalog when considering your equipment requirements, then visit your local tractor dealer for more detailed product information and pricing.



Please visit our website (www.gearmore.com) to download the latest version of our catalog. We also have expanded literature pages to download. Plus, you can download a copy of parts/operation manuals for current as well as prior models of our implements.

For detailed literature, features, specifications, videos and spare parts manuals on all our products, please refer to our website www.gearmore.com

**Specifications Subject To
Change Without Notice**

AERATORS

Advanced Aeration Systems - 3-Point hitch and pull type turf aerators

AerWay tractor-mounted aerator on a golf course. A diagram shows a cross-section of soil with aeration tines penetrating the surface. Callouts indicate benefits: 'Reduced runoff', 'Increased microbial activity', 'Increased fertilizer utilization', and 'Deeper root growth'. An inset diagram shows 'Aerated Soil' with 'Air and water move together in the soil'.



Shattertine®



Sportstine®



Finetine®



Coring Tine®



Super Finetine®

This is a fast, effective, low cost method to keep the soil surface open and minimize compaction without disrupting use of the turf area. As surface compaction is a continuous problem, caused by both use (foot traffic) and maintenance (mowing), venting aeration should be scheduled as often as possible to be effective. AerWay's complete line of **Turf Aerators** feature 5 different tine rotors to handle your exact requirements. The polyethylene built-in ballast tanks, when filled with water, obtain maximum tine penetration. Some of the popular options are: smoothing rear roller, tine spacings from 3 to 6 inches, and electric/hydraulic power pak for pull type units.

Width	Approx. H.P. w/Ballast	3-Point Weight	3-Point Wt. w/Ballast	Pull Type Weight	Pull Type Wt. w/Ballast
45"	20 - 30	977 lbs.	1627 lbs.	1194 lbs.	1844 lbs.
60"	25 - 40	1143 lbs.	2000 lbs.	1437 lbs.	2300 lbs.
75"	30 - 45	1223 lbs.	2263 lbs.	1587 lbs.	2627 lbs.
90"	40 - 65	1398 lbs.	2648 lbs.	1753 lbs.	3000 lbs.



Marketed by Gearmore, Inc.

3-Point Hitch Aerators - For vineyards, berries, and other narrow row crops

AERATORS



**CATEGORY 1
FRONT MOUNT
3-POINT HITCH**



**LOW MAINTENANCE 2"
(50MM) PILLOW
BLOCK BEARINGS**



**TANDEM ROTOR
CONFIGURATION**



The AerWay family of **AWV3 Models** has been designed to eliminate soil compaction, without destroying the soil structure in vineyards and berries. Improved soil conditions will result in reduced run off with improved moisture retention and balanced stimulated root growth with more efficient use of fertilizer and increased yields. AWV3 Series features beveled front corners to deflect vines, low maintenance 2" (50 mm) pillow block bearings, additional space for ballast, non-continuous tillage path up and down slopes, single rotor or Close Coupled Tandem (CCT) configurations, compact dimensions for clearance and tractor compatibility. Machines come standard with heavy duty parking stands.

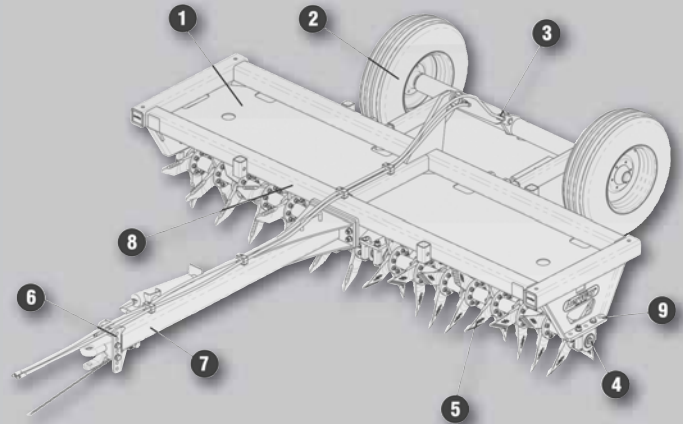
Part Number	Width	Rotors	Tines	Horsepower	Weight
AWV3-A-A7-4	41"	1	20	20 - 40 H.P.	600 lbs.
AWV3-A-A7-4-CCT	41"	2	36	25 - 45 H.P.	785 lbs.
AWV3-B-A7-4	48.5"	1	24	30 - 50 H.P.	675 lbs.
AWV3-B-A7-4-CCT	48.5"	2	44	35 - 55 H.P.	935 lbs.
AWV3-C-A7-4	56"	1	28	40 - 60 H.P.	750 lbs.
AWV3-C-A7-4-CCT	56"	2	52	45 - 65 H.P.	1085 lbs.
AWV3-D-A7-4	63.5"	1	32	50 - 70 H.P.	825 lbs.
AWV3-D-A7-4-CCT	63.5"	2	60	55 - 75 H.P.	1235 lbs.



Marketed by Gearmore, Inc.

AERATORS

3-Point Hitch and Pull Type - For hay, pastures and orchards



**AWMP SERIES
SHOWN**

FEATURES:

- 1 Integrated weight trays
- 2 9.5 x 15 TL Wheel 6 bolt hub
- 3 Counter balance valve on 3" x 12" cylinder
- 4 2" (50mm) Pillow block bearings
- 5 8" Shattertines, with four tines per row
- 6 Height adjustment of drawbar
- 7 Also available in Cat. II 3-point hitch
- 8 Available in three widths - 6, 8 and 10 foot
- 9 Manual swing arm for rotor adjustment

Revitalize your crops with **AerWay** technology. Our Shattertines® lift and fracture tough soil to increase air and water movement. As the AerWay moves over the surface, the unique angles of the AerWay Shattertines® crack and shatter compacted soil 8" and deeper to open new channels for air and water. Plants respond with stronger roots and better yields. Plus, you'll see improved fertilizer utilization, reduced runoff, and greater soil moisture retention. See for yourself why thousands of cattlemen and hay producers agree - there's nothing else like AerWay.

SPECIFICATIONS:

Part Number	Width	Description	Tines	Horsepower	Weight
AWM3-063-AG-4	6 Foot	Cat. II, 3-Point Hitch	40	38 - 63 H.P.	1200 lbs.
AWM3-075-AG-4	8 Foot	Cat. II, 3-Point Hitch	48	45 - 75 H.P.	1350 lbs.
AWM3-100-AG-4	10 Foot	Cat. II, 3-Point Hitch	64	60 - 100 H.P.	1650 lbs.
AWMP-063-AG-4	6 Foot	Pull Type	40	38 - 63 H.P.	2000 lbs.
AWMP-075-AG-4	8 Foot	Pull Type	48	45 - 75 H.P.	2150 lbs.
AWMP-100-AG-4	10 Foot	Pull Type	64	60 - 100 H.P.	2450 lbs.



Marketed by Gearmore, Inc.

3-Point Hitch and Pull Type - For aerating alfalfa and other field crops

AERATORS



PULL TYPE UNITS SHOWN



**C FLEX WITH
OUTBOARD
STAR® DESIGN**



**QUICK
ADJUST
SWING ARMS**



These AerWay **AWST Models** feature "quick adjust" swing arms which allow the grower to choose the degree of compaction relief, cultivation, aeration and/or residue incorporation. The swing arms can be adjusted in 2 ½ degree increments, from 0 to 10 degrees of cultivation or aeration. The heavy duty rotors use 4 shatter tines per row at 7 ½" spacing. Each rotor shaft is mounted with two C-Flex Springs and supported by 2" (50 mm) "no lube" trunnion mounted bearings. These Aerators are high production implements that allow for speeds up to 15 miles per hour.

SPECIFICATIONS:

Part Number	Width	Description	Tines	Horsepower	Weight
AWST100-AG-4	10 Foot	3-Point Straight Frame	64	60 - 100 H.P.	2225 lbs.
AWST125-AG-4	12.5 Foot	3-Point Straight Frame	80	75 - 125 H.P.	2590 lbs.
AWST150-AG-4	15 Foot	3-Point Straight Frame (Split Rotor)	96	90 - 150 H.P.	2950 lbs.
AWST200-AG-4	20 Foot	3-Point Straight Frame (4 Rotors)	128	120 - 200 H.P.	4200 lbs.

FEATURES:

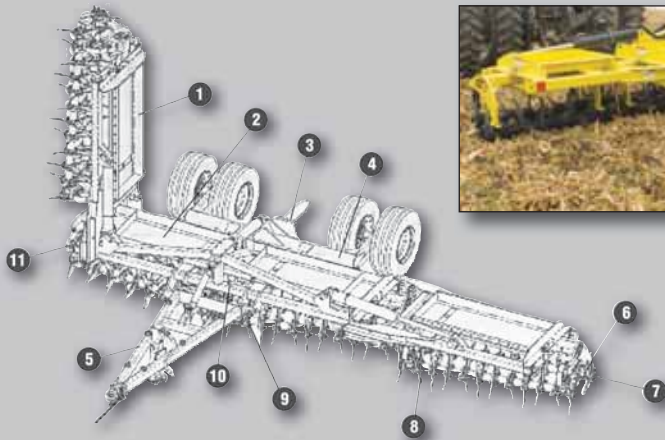
- Straight frame units in 10 to 20 foot widths
- Category III 3-point hitch
- Pull type wheel kits - optional
- Integrated weight trays
- Self leveling rear hitch
- Frame has rear toolbar for mounting secondary attachments
- Trunnion bearings
- Outboard Star® provides uniform tillage across width of machine
- Forged steel tines - 8" Shattertines® are standard, leaf tines optional
- C Flex package including stroke limiters, and lanyard chains



Marketed by Gearmore, Inc.

AERATORS

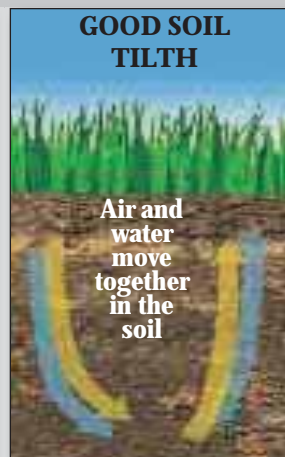
Advanced Aeration Systems - For vertical tillage of field crops



FEATURES:

- 1 Straight and Folding frame units available in 10' - 25' widths
- 2 Integrated weight trays
- 3 Self leveling rear hitch
- 4 Frame has rear toolbar for mounting secondary attachments
- 5 Available in std. 3-pt. or pull type wheel kits
- 6 Trunnion bearing
- 7 Outboard Star® provides uniform tillage across width of machine
- 8 Forged steel tines - 8" Shattertines® are standard, leaf tines optional
- 9 Category III, 3-point hitch
- 10 Wing down pressure valve
- 11 C Flex package including stroke limiters, and lanyard chains

Part Number	Width	Description	Tines	Horsepower	Weight
AWST100-AG-3-CCT	10 Foot	3-Point Straight Frame	96	90 - 150 H.P.	3150 lbs.
AWST125-AG-3-CCT	12.5 Foot	3-Point Straight Frame	120	113 - 188 H.P.	3725 lbs.
AWST150-AG-3-CCT	15 Foot	3-Point Straight Frame (2 Split Rotors)	144	135 - 225 H.P.	4300 lbs.
AWST200-AG-3-CCT	20 Foot	3-Point Straight Frame (4 Rotors)	192	180 - 300 H.P.	6000 lbs.
AWFT25N-AG-3-CCT	25 Foot	3-Point Folding Frame 10' Center, 7.5' Wings	240	225 - 375 H.P.	8600 lbs.



AerWay's new Close Coupled Tandem (CCT) tine rotors can greatly benefit those looking for reducing tillage passes to save labor and fuel costs. This patented CCT system uses two overlapping tined rotors with 3 tines per row achieving more pockets and fractures per acre. The unique dual rotors work together as the lead rotor fractures and loosens the soil and the second rotor incorporates and mixes for better residue breakdown and field

finish. The rear rotor swing arms can be adjusted in 2 ½ degree increments from 0 to 10 degrees to fit your tillage requirements. With speeds up to 15 MPH, more acres can be covered per day.



Marketed by Gearmore, Inc.

Our complete line of tractor mounted **Backhoes** were designed with the strength and features of construction backhoes. Available in 3-point hitch or sub-frame mount; makes it easy to install when trenching projects are required. The large operator area allows for easy entry and comfortable operation.

FEATURES:

- 180° Dual-cylinder swing with internal hydraulic cushioning provides smooth operation & maximum power where needed
- Built from high-strength T1 steel to minimize weight and increase strength for durability
- Standard swing speed control allows the operator to adjust swing speed
- Inline filter and check valve insures longer valve life and less maintenance
- High capacity buckets provide more volume per cycle - widths from 8" to 36" depending on size of backhoe



Model #	365	485	3509	3511
Max. digging depth:	6' 4"	8' 5"	9' 8"	11' 1"
Dig. depth (2') flat bottom:	6' 4"	8' 0"	9' 7"	11' 0"
Dig. depth (8') flat bottom:	N/A	4' 4"	8' 3"	9' 11"
Loading height:	4' 7"	5' 3"	6' 10"	8' 0"
Loading reach:	3' 10"	4' 10"	4' 2"	5' 0"
Reach from swing pivot:	9' 0"	10' 7"	12' 9"	14' 5"
Stabilizer spread op. pos:	9' 3"	7' 6"	7' 11"	7' 11"
Stabilizer below grade:	10"	10"	16"	16"
System relief valve setting:	2250 PSI	2750 PSI	2100 PSI	2100 PSI
Digging force bucket cyl:	2599 lbs.	2895 lbs.	4768 lbs.	4768 lbs.
Digging force dipper cyl:	1358 lbs.	2358 lbs.	2162 lbs.	2567 lbs.
Bucket & swing arc rotation:	180°	180°	180°	180°

ADJUSTABLE THUMB

Lets your backhoe curl cylinder perform the "Clam" action

The **Adjustable Thumb** is designed to increase the productivity and versatility of your backhoe or mini-excavator. Ideal for landscapers and contractors. Dig and load with the same machine. These rugged built thumbs fit most compact tractor backhoes, 3-point agricultural backhoes, skid steer backhoes, small excavators, and commercial backhoes. Designed to do a wide range of material handling jobs such as: land clearing, demolition work, brush removal, and pipe placement. The thumb is also handy for the loading and unloading of rocks, railroad ties, etc. A qualified welder must complete the installation.

- "Claws" are made of high strength T-1 steel
- 2 Pin adjustable working position allows for handling a wide variety of material
- Folds flat against the dipper boom for storage
- Mounting requires welding unit to backhoe or mini-excavator dipperstick

Model No:	GAT-50	GAT-100	GAT-200	GAT-300
For buckets measuring from pivot pin to end of teeth:	Up to 17"	18" to 22"	24" to 29"	35" to 44"
Base mounting plate:	3 ½"x19"	4"x18"	5"x21"	7"x38"
Thumb width:	4 ¾"	5 ½"	7½"	12"
Weight:	45#	60#	110#	280#



CAUTION: When lifting heavy objects, never exceed the lift capacity of the backhoe or mini-excavator



Marketed by Gearmore, Inc.

Back to TOC

Pg. 7

REAR BLADES

"GB" Series - 3-Point hitch - 5' to 10' widths

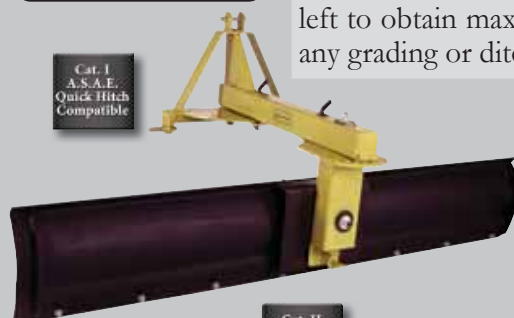
These **Gearmore Rear Blades** are the answer for compact tractor earth-moving requirements. They are the most versatile rear blades on the market today, as all of the standard features normally found only on large expensive rear blades, are standard on the Gearmore Rear Blade. Tilt, angle, offset, and reverse are easy to adjust so that any grading or ditching operation may be accomplished. Parking stand is now standard equipment.



SPECIFICATIONS FOR GB5, GB6, & GB7:			
Tractor HP:	Up to 30 HP	Blade Tilt:	14° to 25° Up or Down
Main Beam:	4" x 4" Steel tubing	Blade Offset:	6" Right or Left
Moldboard:	¼" x 13" High	Cutting Edge:	½" x 6" Reversible
3-Pt. Hitch:	Category 1	Weights:	Model GB5, 5' - 260#
King Pin:	2" Solid Round		Model GB6, 6' - 275#
Blade Angle:	Up to 45° Right or Left		Model GB7, 7' - 285#

GB5, GB6, GB7

These **Gearmore Rear Blades** are the answer to your mid-size tractor earth-moving requirements. These blades feature "Beam Swing" offset, which allows the heavy 4" x 4" beam to swing right or left to obtain maximum offset. Tilt, angle, offset, and reverse positions are easy to adjust so that any grading or ditching operation can be done. Parking stand is now standard equipment.



SPECIFICATIONS FOR GB60 & GB70:			
Tractor HP:	Up to 50 HP	Blade Tilt:	14° to 25° Up or Down
Main Beam:	4" x 4" Steel tubing	Blade Offset:	Up to 35" Right or Left
Moldboard:	¼" x 16" High	Cutting Edge:	½" x 6" Reversible
3-Pt. Hitch:	Category 1	Weights:	Model GB60, 6' - 360#
King Pin:	2" Solid Round		Model GB70, 7' - 380#
Blade Angle:	Up to 45° Right or Left		

GB60, GB70

The **Gearmore All Manual or Hydraulic Adjustment Rear Blades** are the answer to low cost, medium horsepower, earth moving requirements. These blades are easily set for beam swing offset, tilt, and angle. Change ditching or grading angles by just pulling a pin. The heavy duty design is rugged and reliable, assuring years of trouble-free use.



SPECIFICATIONS FOR GB75, GB85, & GB95:			
Tractor HP:	Up to 95 HP	Angle (man. or hyd.):	Up to 50° Right or Left
3-Pt. Hitch:	Cat. II Clevis	Tilt (man or hyd.):	20° Up or Down
Kingpin & Ped. Tube:	3" Solid Round	Offset (manual):	Up to 40" Right or Left
Main Beam:	5"x5" Steel Tube	Cutting Edge:	½" x 6" Reversible
Moldboard:	¼" x 19" Box	Weights:	Model GB75, 7' - 770#
Offset-Swing Pivot Plt:	⅝" Thick		Model GB85, 8' - 800#
Parking Stand:	Fold-A-Way		Model GB95, 9' - 830#

GB75, GB85, GB95

The **Gearmore Hydraulic Rear Blades** are the answer to your high horsepower earth-moving requirements. These blades are available in full manual or any combination of manual/hydraulic functions. Tilt, angle, offset, and reverse positions are easy to adjust so that any grading or ditching operation can be done. The heavy duty frame is rugged and reliable, assuring years of trouble-free use.

SPECIFICATIONS FOR GB800, GB900, & GB1000:			
Tractor HP:	Up to 125 HP	Blade Offset:	Up to 30" Right or Left
Main Beam:	6"x8" Steel Tube	Kingpin Size:	4" Solid Round
Moldboard:	¼" x 20" Box	Cutting Edge:	½" x 6" Reversible
3-Pt. Hitch:	Cat. II, Clevis	Weights:	GB800, 8' - 1105#
Parking Stand:	Fold-A-Way		GB900, 9' - 1155#
Blade Angle:	Up to 30° R or L		GB1000, 10' - 1215#
Blade Tilt:	14° Up or Down		

GB800, GB900, GB1000





The new **Arena-Vator III** is a highly versatile tool designed for a variety of arena surfaces. The new frame design will accept scarifier shanks that breaks up hard ground and can be equipped with a number of accessories to meet individual requirements. The AV-3 is designed to renovate and condition horse arenas and tracks in a single pass. It produces a firm, yet giving surface that provides the securest footing for your horses. Available in 4', 5', 6', 7', & 8' sizes. The standard unit is equipped with two rows of S-tine shanks with reversible points which loosen and cultivate the soil, an adjustable pipe leveler for leveling the soil, and a 12" diameter spiral rod rear roller to gauge the depth and pack the soil to provide a uniform finish.

SHOWN WITH
OPTIONAL SHANKS



Cat. I
A.S.A.E.
Quick Hitch
Compatible

FEATURES:

- Two rows of S-tines 1 1/4" x 3/8" x 22" long with reversible and replaceable points
- Adjustable 4" diameter pipe leveling roller
- 12" Diameter spiral rod rear roller
- Cat. I, 3-point hitch on 4', 5', 6', and 7' models
- Cat. I & II, 3-point hitch on 8' model

OPTIONS:

- ~ Scarifier Shanks
- ~ Gauge Wheels
- ~ 60 Gallon water tank with pump and spray boom
- ~ Mesh rear roller in lieu of spiral rod roller



Gauge Wheel -
Option



60 Gallon Water Tank -
Option



Mesh Roller - Option

SPECIFICATIONS:

MODEL NO.	DESCRIPTION	WEIGHT
AV3-4	4' Arena-Vator III w/11 S-Tines	400 lbs.
AV3-5	5' Arena-Vator III w/13 S-Tines	480 lbs.
AV3-6	6' Arena-Vator III w/15 S-Tines	550 lbs.
AV3-7	7' Arena-Vator III w/17 S-Tines	660 lbs.
AV3-8	8' Arena-Vator III w/19 S-Tines	745 lbs.

CULTIVATORS

Arena Vator II

One pass system for re-conditioning arenas

AV2-6 WITH SPIRAL ROD ROLLER



Cat. I
A.S.A.E.
Quick Hitch
Compatible

AV2-6M WITH OPT. MESH ROLLER



The **ARENA-VATOR II** was designed to renovate and condition horse arenas and tracks in a single pass. The units consist of two rows of heavy duty "S" tine shanks that vibrate in a circular motion when contacting the ground. This action loosens and cultivates a large area around the shank points. The adjustable blade then breaks down any clods and levels the soil. The special spiral rod roller with mud scraper produces a firm, yet giving surface for even, secure footing. Units are also available with a mesh roller.

FEATURES:

- Two rows of S-tine 1 1/4" x 3/8" x 22" long with reversible and replaceable points
- Adjustable leveling blade 1/2" x 6" heat treated, beveled, and reversible
- 12" diameter spiral rod rear roller
- Modern bolt-on top mast
- Cat. I, 3-point hitch on 4', 5', 6', & 7' models
- Cat. I & II, 3-point hitch on 8' unit

OPTION:

- ~ Wire mesh rear roller in lieu of rod spiral roller

Model No:	Description	Wt.
AV2-4	4' with 11 S-Tines	370#
AV2-5	5' with 13 S-Tines	460#
AV2-6	6' with 15 S-Tines	530#
AV2-7	7' with 17 S-Tines	640#
AV2-8	8' with 19 S-Tines	725#
Add "M" to model number for mesh roller units		

CULTIVATORS

Arena-Comb -

For depth control to protect arena base material

The **ARENA-COMB** was developed for the highest quality arenas that usually have decomposed granite or ground rubber base under approximately 4 inches of quality sand. If the base material is disturbed the arena will be damaged. Thus, two large 8 inch wide adjustable flotation gauge wheels for depth control are mounted in the front. The two rows of heavy-duty vibrating S-tine shanks loosen and aerate the soil. The special 3/4" thick steel comb levels, gauges the depth on the rear of the machine, and finish combs the sand.

FEATURES:

- Cat. I, 3-point hitch
- Heavy 3 bar frame
- Two large adjustable 8" wide gauge wheels with 18.5 x 8.5 flotation tires
- Two rows of 1 1/4" x 3/8" x 22" S-tine vibrating spring shanks
- Heat treated reversible shank points
- Special 3/4" thick rear finishing comb

Cat. I
A.S.A.E.
Quick Hitch
Compatible



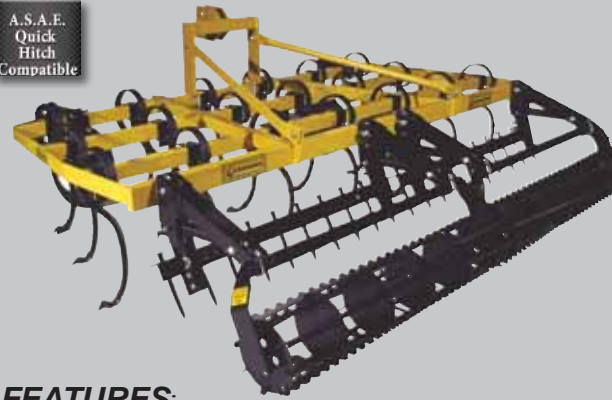
Model No:	Description	Wt.
AC-6	6' Arena-Comb with 15 S-tines	430#
AC-7	7' Arena-Comb with 17 S-tines	530#
AC-8	8' Arena-Comb with 19 S-tines	630#

Soil Conditioners & Spin Weeders - Three separate finish tilling functions

CULTIVATORS

This unique tool from Gearmore combines heavy-duty "S" tines to break the soil. A spring loaded spike tooth bar follows the "S" tines to level the soil and break clods. Then the aggressive spring loaded rolling crumbler completes the work by creating a fine, level surface. This is a very versatile finish tilling implement. The soil conditioner is being used in many different applications such as - Vineyards, Orchards, and Field Crops.

A.S.A.E.
Quick
Hitch
Compatible



Model No.	Width	"S" Tine Bars	"S" Tines	No. of Teeth	Rolling Crumblers	Wt.
GSC4	4'	2	7	8	1 - 4'	475#
GSC5	5'	3	9	10	1 - 5'	620#
GSC6	6'	3	11	12	1 - 6'	800#
GSC7	7'	3	13	14	1 - 7'	900#
GSC8	8'	3	15	16	1 - 8'	1000#
GSC10	10'	3	19	20	2 - 5'	1300#
GSC12	12'	3	23	24	2 - 6'	1620#
GSC13	13'	3	25	26	1 - 6' & 1 - 7'	1700#
GSC14	14'	3	27	28	2 - 7'	1840#
GSC15	15'	3	29	30	3 - 5'	1900#
<i>Cultivators 4 to 7 feet are Cat. I - Cultivators 8 to 15 feet are Cat. II</i>						
<i>10 to 15 Foot Cultivators come standard with gauge wheels</i>						

FEATURES:

- Travel speeds up to 8 miles per hour
- 20" High clearance "S" tines - penetrate & till up to 7" deep
- Leaves ground perfectly level, ridges are knocked down and holes filled-in
- Completely mixes soil, does not fold it over or move it to the side like a disc
- Spring loaded, 12" dia. rolling crumbler serrated bars angled to finish mulching the soil

Note: Specify 7" sweeps or 1" reversible points

Spin Weeders are an effective means of secondary cultivation and weed control in vineyards. This unique design focuses on eliminating plant damage that can occur with hydraulic blade in-row cultivators. The Spin Weeder is equipped with 18" diameter wheels that run in a clockwise/counter clockwise rotation and create a soil buffer between the wheel and the trunk of the plant which eliminate damage. Additional crop protection is achieved with an adjustable spring loaded retraction system. The Spin Weeders are very stable and operate most effectively at speeds of 5 to 7 MPH.

FEATURES:

- "New" dual 3 gang discs cultivate additional 15 inches
- Dual rear gauge wheels with 18 x 8.5 tires
- Dual weeder heads can be angled for raised berms or flat ground
- Weeder heads are lined with ¼" thick, long wearing, replaceable UHMW plastic
- Hydraulic frames come complete with hoses and male couplers



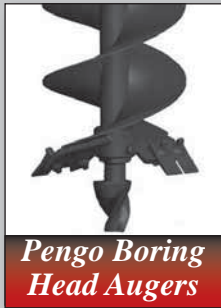
Model No:	Row Width	Frame Adjust	3-Point Hitch	No. of Spin Weeders	Weight
KW-2460-SW-3	6' to 8'	Manual	Cat. I Rear Mount	2	1030#
KW-2402-SW-3	8' to 10'	Hydraulic	Cat. I & II Rear Mount	2	1080#
KW-2502-SW-3	10' to 12'	Hydraulic	Cat. I & II Rear Mount	2	1130#



MODEL D40 SHOWN



Standard Duty Augers



Pengo Boring Head Augers

FEATURES:

- Tubular steel construction
- 2" Output shaft
- Replaceable fishtail auger point
- Rugged 540 RPM gearbox
- Fully shielded driveshaft, gearbox & auger collar
- Shear pin drive
- Semi double fighting augers
- Std. duty augers w/bolt-on teeth
- Pengo® Aggressor® augers w/bolt on 40/50 teeth & TriFlow® pilot bit

Model No:	H.P.	Cat.	Boom Length	Max. Auger Diameter	Auger Length	Weight
D20	20 H.P.	1	45"	12"	34"	120#
D40	40 H.P.	1	62"	12"	42"	170#
D60*	60 H.P.	1 & 2	70"	24"	48"	200#

* D60 Digger now available with hydraulic down force kit

QUICK HITCHES

*Fits Cat. I and Cat. II Tractors -
The quick, safe way to attach implements*

Our Cat. I & II **Quick Hitches** were designed to make changing implements easier, safer and faster. Thus eliminating the lifting and moving heavy implements into position for mounting to the tractor. You can safely change implements in seconds.



CAT. I

Cat. I & II
A.S.A.E.
Quick Hitch
Compatible

CAT. II

FEATURES:

- Operator can engage and secure implements from the tractor seat
- Reduces chance of personal injury as no need to put yourself between the tractor and the implement, except for attaching driveshafts
- Automatic lock with quick release handles
- Heavy all steel construction
- Optional hydraulic top link cylinders are available for easier hook-up
- Additional bushing kits for each implement are available

Model No:	Description	Wt.
GQH-1	Cat. I - Complete with 7/8" shouldered bushings and swivel yoke	83#
GQH-2	Cat. II - Complete with 1 1/8" mounting pins & adapter bushings - 100 HP Max.	135#

Strongly recommend ordering optional hydraulic top link cylinder, as it greatly aids aligning to implement 3-point hitch when not "parked" perpendicular to the ground.

The "X" Series is the most trouble free hydraulic digger on the market today. These diggers feature an "in-line" sealed planetary gear reduction drive design. This clean, effective system ensures long, trouble free usage. All "X" Series models feature reverse rotation for quick backout when obstructions are encountered. The systems hydraulic relief valve protects the digger from damage when an auger hits large immovable objects.

FEATURES:

- 7 Models to match tractor GPM's from 5 to 60
- All units feature planetary gear reduction, except D450
- High torque motors ensure digging through the toughest of conditions
- Adapter plate mounting on most popular skid steers, backhoes, loaders, etc.
- 2 Models of augers designed to match your soil conditions

"X" SERIES





Model No:	D450	X975	X1475	X1975	X2475	X4075	X5075
Min. Hyd. Flow GPM:	5	6	10	15	20	24	28
Max. Hyd. Flow GPM:	10	15	25	30	35	32	40
Max. Auger Diameter:	12"	24"	30"	36"	36"	48"	48"
Output Shaft Options:	2" Rd.	2 1/16" 2" Hex	2 1/16" 2" Hex	2 1/16" 2" Hex	2 1/16" 2" Hex	2" Hex	2" Hex


AUGERS

Auger extensions available in 2" & 2 1/16" round, and 2" hex in lengths of 24", 48", & 72".

High Quality Construction -
Medium duty, heavy duty and rock augers

MEDIUM DUTY - "HDF" STYLE AUGERS For light to moderate ground conditions			STANDARD FEATURES
"HDF" Auger	Dia.	Tooth Qty.	
	6"	2	• Fabricated boring head
	8"	2	
	9"	3	• Hardened bolt-on teeth
	10"	3	
	12"	4	• Hardened fishtail point
	15"	5	
	16"	5	• HD dbl fighting
	18"	6	• Collars-2" rnd., 2" hex, & 2 1/16" rnd
	20"	6	
	24"	8	• 3', 4', 5' & 6' lengths available
30"	9		
36"	11	• 4' Length stocked	

HEAVY DUTY - "HDC" STYLE AUGERS For difficult ground conditions		
"HDC" Auger	Dia.	Tooth Qty.
	6"	2
	8"	4
	9"	4
	10"	4
	12"	4
	15"	6
	16"	6
	18"	6
	20"	6
	24"	8
	30"	10
	36"	12

ROCK AUGERS - "HDR" STYLE AUGERS For solid, frozen ground and compacted soils		
"HDR" Auger	Dia.	Tooth Qty.
	6"	6
	9"	8
	12"	12
	18"	18
	STD. FEATURES	
• Bullet style teeth & fabricated boring head		
• HD Single flight - 3/4" thick bottom flight		
• 2" Hex collar ONLY		
• Available in 4' length		

STANDARD FEATURES FOR "HDC" STYLE AUGERS:

- HD Cast steel boring head
- Hardened drive-in teeth
- Hardened fishtail point
- HD double fighting
- Collars - 2" round, 2 1/16" round & 2" hex
- Available in 3', 4', 5', & 6' lengths
- Stocked in 4' length

Manufactured By:



DISCS, OFFSET

“C/D” Series - 3-Point hitch light duty discs



FEATURES:

- Cat. I, 3-point hitch
- 7" Blade spacing
- Triple sealed ball bearings
- Adjustable front and rear gangs
- 1 1/8" Square high carbon axles
- 18" Notched front and plain rear blades
- Heavy quick hitch mast

Model No:	Cutting Width	Approximate H.P. Required	No. of Blades	Weight
C1218	42"	14 H.P.	12	375#
C1418	48"	16 H.P.	14	420#
C1618	54"	18 H.P.	16	480#
D1818	60"	22 H.P.	18	620#
D2018	66"	24 H.P.	20	670#

FEATURES:

- Cat. II, 3-point quick hitch
- Heavy duty frame
- 24" Notched front and plain rear blades
- 9" Blade spacing
- 1 1/2" Square gang axles
- Double sealed flange mounted bearings
- Adjustable rear gang
- Steel spacer spools

DISCS, OFFSET

“GO” Series - 3-Point hitch heavy duty discs



Model No:	Cutting Width	No. of Blades	Weight
GO24-60	6' - 0"	16	1120#
GO24-69	6' - 9"	18	1170#
GO24-76	7' - 6"	20	1405#
GO24-83	8' - 3"	22	1560#
GO24-90	9' - 0"	24	1600#

Manufactured By:

BWIimplement

FEATURES:

- Cat. I, 3-point hitch
- 7" Blade spacing
- Triple sealed ball bearings
- Adjustable front and rear gangs
- 1 1/8" Square high carbon axles
- 18" Notched front and plain rear blades
- Heavy quick hitch mast

Model No:	Cutting Width	Approximate H.P. Required	No. of Blades	Weight
T1618	60"	18 H.P.	16	525#
T2018	72"	22 H.P.	20	630#
T2418	84"	26 H.P.	24	695#



DISCS, TANDEM

3-Point Hitch -
Medium duty series

MEDIUM DUTY

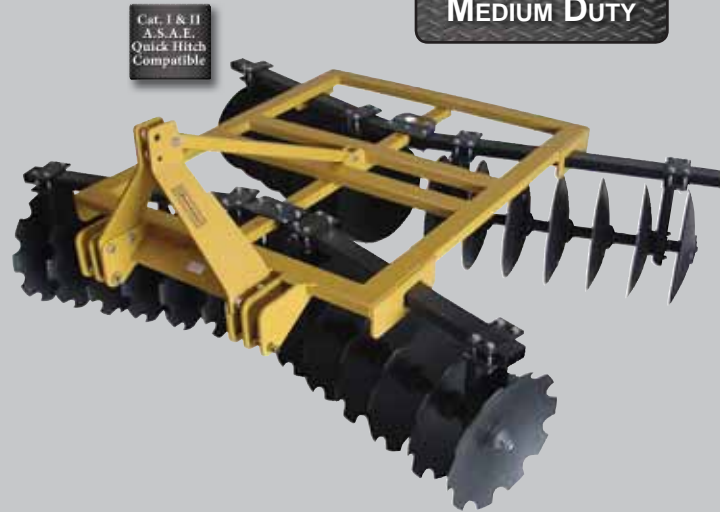


Model No:	Cutting Width	Blade Diameter	No. of Blades	Weight
18-16-CBF	60"	18"	16	720#
20-20-CBF	72"	20"	20	820#
20-24-CBF	84"	20"	24	880#

FEATURES:

- Cat. I, 3-pt. hitch, with 3" square tubing frame
- Notched front and plain rear, high carbon blades
- Heavy cast blade spools
- Sealed bearings provide superior performance
- Easy, quick angle adjustments of 16°, 30°, 44°, and 57°

MEDIUM DUTY



Model No:	Cutting Width	Blade Diameter	No. of Blades	Weight
T1622	5' - 6"	22"	16	1100#
T2022	6' - 6"	22"	20	1230#
T2422	7' - 6"	22"	24	1515#
T2822	8' - 6"	22"	28	1660#
T3222	9' - 6"	22"	32	1760#

FEATURES:

- Cat. I & II, 3-pt. hitch, A.S.A.E. quick hitch
- 3/16" x 22" Notched front and plain rear blades
- Easy gang adjustment w/special pull handles
- Front & rear gangs adjustable to 7°, 14°, or 21°
- 1 1/8" High carbon square axles
- 7 1/2" Long cast spool spacers

DISCS, TANDEM

Narrow Row "GV" Series - Heavy built for years of troublefree usage



Cat. I & II
A.S.A.E.
Quick Hitch
Compatible

Narrow row crops like grapes, berries, pole tomatoes, etc., also require heavy duty tillage tools. Our **Narrow Row Tandem Disc** fits those requirements. This disc is excellent for knocking down weeds, leveling and mixing in residue. The 22" diameter notched front blades aid in cutting through hard soils, while the rear smooth blades give a smooth finish. Flange mounted, double sealed, shielded bearings. A number of options are available, such as: dirt shield fenders, extension blades, bearing guards, special low position 3-point hitch, and 1" x 3" center shank.

SPECIFICATIONS:

Model No:	Row Width	No. of Blades	Frame Width	Cutting Width	Weight
GV-5R	5' (60")	8	48"	32" to 44"	1200#
GV-6R	6' (72")	12	57"	56" to 62"	1420#
GV-8R	8' (96")	16	75"	68" to 80"	1745#

DISCS, TANDEM

"GRT" Series - Reversible tandem disc



Cat. II
A.S.A.E.
Quick Hitch
Compatible

Our heavier duty series of **Reversible Vineyard Discs** were designed for maximum strength and durability. The frame was built with heavy wall tubing for additional weight in tough soil conditions. The disc has 24" diameter plain blades front and rear. The 3-point hitch is Cat. II quick hitch, trunnion mounted bearings and 1" x 3" center shank. The reversible hitch can easily be remounted on the opposite end of the disc when required.

SPECIFICATIONS:

Model No:	Cutting Width	No. of Blades	Weight
GRT24P-HD-16	5' 8" to 7'	16	2160#
GRT24P-HD-18	7' 2" to 8' 6"	18	2260#
GRT24P-HD-20	7' 2" to 8' 6"	20	2490#

Manufactured By:

BWIimplement

Narrow "VWT" Series -
Medium duty pull type tandem discs

DISCS, WHEEL

FEATURES:

- Frame:** 4" x 4" x 1/4"
Structural tubing
- Gang Frame:** Fully adjustable front to rear
- Hitch:** Self leveling, spring cushioned with hand crank
- Bearings & Axles:** 1 1/2" Square axles with trunnion mount double lip sealed greaseable bearings with wear shield
- Blades:** 24" x 4.5 mm smooth blades
- Spools:** 9" Steel spacer spools and cast iron half spools
- Hydraulics:** 3 1/2" x 8" Cylinder
- Shank:** 1" x 3" Center shank with adjustable footpiece
- Wheel & Tire:** 6 Bolt hub and spindle assemblies with 9.5L x 15" 8 ply tire

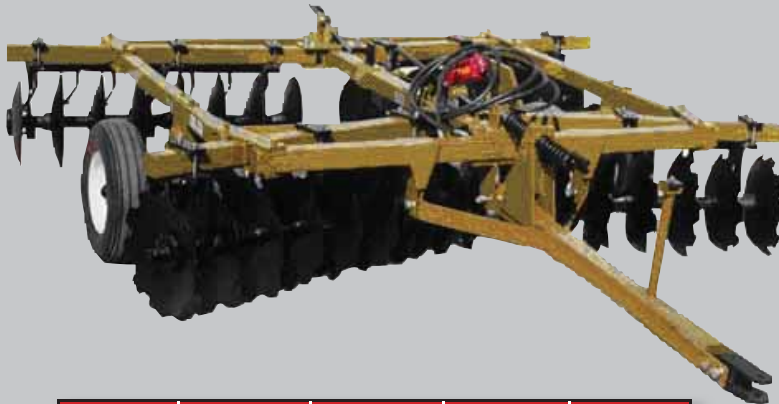


Model No:	Cutting Width	No. of Blades	Weight
VWT24-16	5' 8" - 7' 0"	16	2480#
VWT24-18	7' 2" - 8' 6"	18	2600#
VWT24-20	7' 2" - 8' 6"	20	2680#
VWT24-22	8' 8" - 9' 8"	22	2720#
VWT24-24	8' 8" - 9' 8"	24	2800#

Other widths available upon request

DISCS, WHEEL

Wide "GT" Series -
Medium duty pull type tandem discs



Model No:	Cutting Width	No. of Blades	No. of Wheels	Weight
GT-24T	9' 2"	24	4	3300#
GT-28T	10' 8"	28	4	3700#
GT-32T	12' 2"	32	4	4140#
GT-36T	13' 8"	36	4	4360#
GT-40T	15' 2"	40	4	4800#
GT-44T	16' 8"	44	4	5130#
GT-48T	18' 2"	48	4	5610#

FEATURES:

- Frame:** 4" x 4" x 1/4" Structural tubing
- Hitch:** Self leveling, spring cushioned with hand crank
- Gangs & Bearings:** 1 1/2" Square gang axles with greaseable trunnion mounted, double sealed bearings with wear guards
- Gangs:** Adjustable - front 12° to 22° - rear 9° to 21°
- Blades:** 24" x 6mm notched front & plain rear - 9" spacing
- Scrapers:** Standard, adjustable individually or by gang
- Wheels & Tires:** 4 - 6 Bolt hub and spindle assy. 4 - 9.5L x 15" 8-ply tires
- Hydraulics:** 3 1/2" x 8" Cylinder with depth control and hoses
- Shank:** 1" x 3" Center shank
- Rear Hitch:** Standard equipment

Manufactured By:

BWIimplement

DISCS, WHEEL

Offset Pull Type "300" Series - Excellent general purpose wheel discs



The **Gearmore 300 Series Offset Discs** are ideal for light and medium tillage conditions. We offer sizes from 4'-6" to 9'-9"; for vineyards, berries, narrow row orchards, general field cultivation, etc. The offset design enables maximum penetration and even tillage of soil. Heavy construction with 4" x 3" x 1/4" frame, 1 1/8" axles, 22 inch diameter blades in notched or smooth, self leveling hand crank, and double sealed bearings. Built in the West for tough, western conditions.

SPECIFICATIONS:

Model No:	G301	G302	G303	G304	G305	G306	G307	G308
Width:	4' 6"	5' 3"	6' 0"	6' 9"	7' 6"	8' 3"	9' 0"	9' 9"
No. of Blades:	12	14	16	18	20	22	24	26
H. P. Req'd:	35 - 45 HP	35 - 45 HP	40 - 55 HP	40 - 55 HP	45 - 60 HP	50 - 65 HP	55 - 70 HP	60 - 75 HP
Weight:	1300#	1400#	1500#	1600#	1700#	1800#	1900#	2000#



DISCS, WHEEL

Offset Pull Type "500" Series - Excellent general purpose wheel discs

The **Gearmore Low Profile Offset Discs** are of rugged design for deep tilling in all soil conditions. We offer the most popular widths of 6'-9" to 12', for orchard and general tillage operations. The offset design enables maximum penetration and even tillage of soil. Heavy construction with 1 1/2" square gang axles, 24 inch diameter blades in notched or smooth, self leveling hand crank and trunnion mounted, sealed bearings. Built in the West for tough, western conditions.

SPECIFICATIONS:

Model No:	Cutting Width	No. of Blades	Frame	No. of Wheels	Tractor HP Req'd	Wt. Per Foot	Weight
G501	6' 9"	18	4" x 4" x 1/4"	2	50 to 70 HP	360 lbs.	2430#
G502	7' 6"	20	4" x 4" x 1/4"	2	55 to 75 HP	345 lbs.	2600#
G503	8' 3"	22	4" x 4" x 1/4"	2	60 to 80 HP	335 lbs.	2800#
G504	9' 0"	24	4" x 4" x 1/4"	2	65 to 85 HP	345 lbs.	3100#
G505	9' 9"	26	4" x 4" x 1/4"	2	70 to 90 HP	370 lbs.	3600#
G506	10' 6"	28	4" x 6" x 1/4"	4	75 to 100 HP	390 lbs.	4100#
G507	12' 0"	32	4" x 6" x 1/4"	4	80 to 120 HP	400 lbs.	4800#

Add "W" to model number for weed abatement applications

Manufactured By:

BWIimplement

Offset "700" Series -
Excellent for heavy duty tillage operations

DISCS, WHEEL

The **Gearmore Heavy Duty Offset Finishing Discs** are of rugged design for finish tilling in all soil conditions. We offer the most popular widths of 15'-6" to 22'-3", for general tillage operations. The offset design enables maximum penetration and even tillage of soil. Heavy construction with 1½" square gang axles, 26 or 28 inch diameter blades in notched and smooth, self leveling hand crank, and trunnion mounted sealed bearings. Built in the West for tough, western conditions.



SPECIFICATIONS:

Model No:	Cutting Width	No. of Blades	Frame	No. of Wheels	Tractor HP Req'd	Wt. Per Foot	Weight
G704-9	15' 6"	42	6" x 8"	4	80 to 150 HP	610 lbs.	9,140#
G705-9	16' 0"	44	6" x 8"	4	90 to 160 HP	580 lbs.	9,220#
G711-9-F	18' 0"	48	6" x 8"	4	130 to 170 HP	600 lbs.	10,800#
G712-9-F	20' 9"	56	6" x 8"	4	150 to 185 HP	605 lbs.	12,465#
G714-9-F	22' 3"	60	6" x 8"	4	190 to 220 HP	580 lbs.	12,700#
G716-9-F	23' 9"	64	6" x 8"	4	200 to 225 HP	550 lbs.	13,000#

"F" stands for folding models - other widths available upon request

DISCS, WHEEL

HD Offset "900" Series -
Excellent for heavy duty tillage operations



SPECIFICATIONS:

Model No:	Cutting Width	No. of Blades	H.P. Req'd	Weight
G903	14' 2"	26	145 to 235 HP	12,150#
G904	15' 3"	28	160 to 250 HP	12,530#
G905	16' 4"	30	170 to 265 HP	13,200#
G906	17' 5"	32	180 to 280 HP	13,600#
G907	18' 6"	34	190 to 285 HP	14,850#

FEATURES:

- Frame & Tongue:** 4" x 8" Structural tubing with hand crank
- Hitch:** Hydraulic adjusted for easy tractor hook-up
- Gangs & Bearings:** 2 ¼" Square gang axles with greaseable trunnion mounted triple sealed bearings with additional external seals
- Gang Beams:** 8" x 8" Structural tubing
- Blades:** 32" Diameter x 9.5 mm notched front and rear with 13" spacing
- Scrapers:** Heavy duty high tensile steel
- Wheels:** Dual with 8 bolt hubs and spindles
- Tires:** 4 - 12L x 15 8 Ply

Manufactured By:

BWIimplement

DUSTERS

3-Point Hitch - Perfect for organic growers



MODEL G2V

The *Gearmore Mini Duster* is a simple all gear drive unit. The dust is accurately applied with easy to set application rates. A mechanical agitator insures even flow of material. The wind velocity of 150 MPH achieves maximum coverage. This economy duster is just right for use in narrow vineyard, berries, and other pole crops such as snow peas.

FEATURES:

- Requires only 15 PTO horsepower to operate
- All gear drive for low maintenance
- Mechanical agitation for even flow
- High wind velocity for maximum coverage
- Adjustable distribution nozzles

MODEL S420 & S530

Gearmore Dusters combine simple design with quality craftsmanship. The all-gear drive provides maximum performance with low maintenance. Sulfur is accurately applied with easy to set application rates. The model S530, with a large 400 lb. capacity poly hopper and extended fishtail distributors, is preferred by growers with wide row spacings. The model S420 with 300 lb. capacity poly hopper is the perfect machine for vineyards with narrow row spacings.



FEATURES:

- Polyethylene hopper and cover
- Wrap-A-Round tubular steel frame isolates and supports hopper
- All gear drive for low maintenance
- Mechanical agitation for even flow
- Wind velocities up to 180 MPH for maximum coverage
- Manual rate control allows for setting the pounds per acre
- Adjustable fishtail nozzles

SPECIFICATIONS:

Model No:	Hopper Capacity	Fan Dia.	Wind Velocity	Row Width	Width	Height	Depth	Fishtail Ext.	Width w/ Fishtails	Wt.
G2V	150 lbs.	12"	150 MPH	4' - 6'	17"	42"	24"	D.N.A.	40"	150#
S420	300 lbs.	15 ¾"	150 MPH	6' - 8'	37"	48"	48"	Optional	37"	320#
S530	400 lbs.	19 ¾"	180 MPH	9' - 12'	37"	58"	48"	Yes	72"	390#
S530N*	400 lbs.	19 ¾"	180 MPH	6' - 8'	37"	58"	48"	No	37"	380#

* Same narrow fishtails as S420

Our **Trailer Duster** now features new attachments as standard equipment. An electro hydraulic cylinder with control box for adjusting flow rate from the tractor. Also, a hydraulic motor to control the speed of the full length spiral conveyor and agitation system. This insures uniform, accurate distribution of the dust. The high 1000 pound capacity hopper insures maximum coverage between fill-ups. The duster is compact and easy to maneuver even in narrow rows.

FEATURES:

- Heavy gauge steel hopper with up to 1000# capacity
- Dual filling hinged lids with built-in mesh straining screens
- High performance, precision balanced, all-steel centrifugal turbine fan
- Built-in overrunning clutch protects the drive train
- Swivel distribution nozzles adjust for vines and trees
- Full hopper length, large diameter agitator feeds spiral conveyor in bottom of hopper
- Tongue length and tire width are adjustable
- Heavy duty clevis hitch
- Screw adjustment tongue jack
- Wide angle constant velocity driveshaft
- Adjustable rear bumper shields the distribution heads from impact and possible damage
- All steel parts are undercoated with anti-corrosive paint and finish coated
- Application rates from 5 to 100 lbs. per acre
- Special domed trash screen
- Separate 8 gallon (30 liter) fresh water safety tank
- For 540 RPM tractors



SPECIFICATIONS:

Model No:	Hopper Capacity	Min. H.P.	Volume of Air	Air Speed	Height	Width	Length	Tires	Wt.
MAXI600-SPC	1000 lbs.	40 HP	3180 CFM	420 MPH	50"	50" to 68"	110"	9.5Lx15-8Ply	940#

DUSTERS, ROW CROP

*With Hydraulic Folding Boom -
High speed turbine fan insures total coverage*



Sulfur has been proven to be the most effective way to control powdery mildew.



**5 Row SHOWN WITH
OPTIONAL PARKING STANDS**

Gearmore Row Crop Sulfur Dusters combine simple design with quality craftsmanship. The all-gear drive provides maximum performance with low maintenance. Dust is accurately applied with easy to set application rates. The large 400 lb. capacity polyethylene hopper allows dusting of many acres between "re-fills".

The booms are available for 5 to 12 rows with adjustable nozzles to insure accurate dust placement on the plant foliage. Our Row Crop Sulfur Dusters have successfully controlled mildew on strawberries, tomatoes, watermelons, pumpkins, cantaloupes, peppers, cucumbers, and many other crops.

If you are an organic grower, dusting with sulfur will not affect your organic status.

DUSTER FEATURES:

- Cat. I & II, 3-point hitch
- All gear drive for low maintenance
- Wind velocities up to 180 M.P.H. at manifold
- Manual rate control allows for setting the pounds per acre
- Mechanical agitation for even flow
- Lever control, reachable from tractor seat, allows operator to turn the dust on and off
- Optional parking stands for high clearance tractors (ground to hitch pins - 23")

DUSTER BOOM FEATURES:

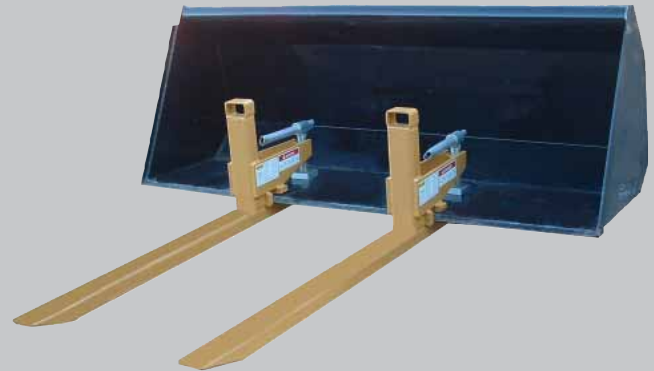
- Available in 5, 10, & 12 row, hydraulic foldaway booms
- Steel frame that easily bolts to duster frame
- Adjustable nozzles allows for angling to the foliage
- Wide spread fishtail shaped nozzles for better coverage
- 2 ¾" I.D. flexible black hose

SPECIFICATIONS:

Model No:	Description	Boom Length	Maximum Nozzle Centers	Weight
S530RC-5HF	5 Row Duster	31' 2"	68"	400#
S530RC-10HF	10 Row Duster	31' 2"	40"	460#
S530RC-10HF-3MT	10 Row Duster	41' 2"	48"	470#
S530RC-12HF-3MT	12 Row Duster	41' 2"	40"	500#

Bucket Forks are a quick, easy way to make your loader bucket into a forklift. Mounts in seconds to most loader buckets without tools. Forks are equipped with handles for ease in mounting and spacing adjustments. Both forks now have baked-on powder coated paint for rust-free durability and long lasting glossy finish.

BUCKET FORKS



Model No:	Capacity (lbs.)	Fork Dimension	Weight
1000	1000 lbs.	2" x 3" x 32"	90#
2000	2000 lbs.	2" x 3" x 36"	110#
3000	3000 lbs.	2" x 4" x 42"	190#
4000	4000 lbs.	2" x 4" x 42"	220#
6000	6000 lbs.	3" x 5" x 48"	250#

If loader buckets are equipped with bolt-on cutting edges, both the forks on this page are available with wide opening, just add **W** to model number.

TRASH FORKS



Models:	GTF48	GTF54	GTF60	GTF66	GTF72
Bucket Size:	48"	54"	60"	66"	72"
Width:	46"	52"	58"	64"	70"
Tines:	5	5	6	6	7
Approx. Space Between Tines:	8 1/2"	10"	8 1/2"	10"	9"
Weight:	160#	170#	180#	195#	210#

A loader bucket is great for moving soil, but handling trash is a problem. Our **Trash Forks** are an economical and easy mount solution to this problem. This handy tool will make moving tree branches and other debris an easy task.

BALE SPEARS

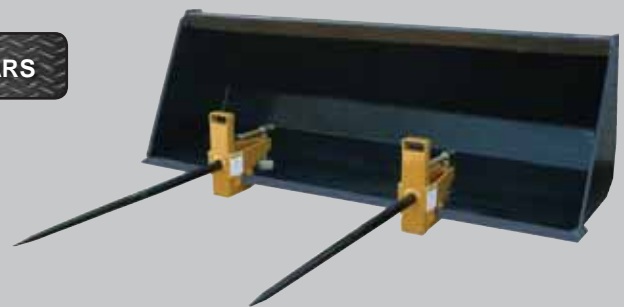
Clamp-On -
Easily converts bucket to bale spears

BALE SPEARS

These **Clamp-on Bucket Bale Spears** are a quick and handy tool to convert your loader bucket into bale spears. The units have a capacity of 3000 pounds and can handle square or round bales.

- Spear length - 41"
- Spear diameter - 1 5/8"
- Overall length - 56"
- 1 1/4" Opening for bucket cutting edge

All Forks and Bale Spears come with sliding handle, screw and swivel locking plate. They are zinc coated for easy operation and to prevent rust.



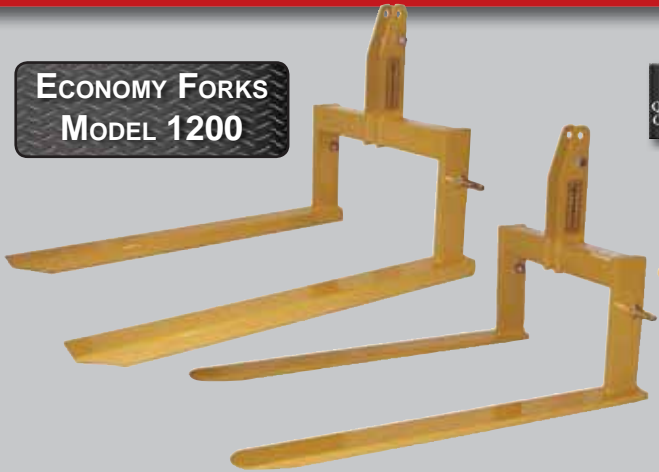
- 2 Heavy screw-lock clamp brackets w/zinc plated handle/screw assemblies
- 2" Square, 1/4" wall tubing by 20" long tines
- Clamps fit deep into the bucket for added strength
- Clamping brackets placed near bucket side plates for added strength

Model No:	Description	Capacity	Weight
CBS-3000	Pair of Bale Spears	3000 lbs.	135#

FORKS

3-Point Mounted - For lifting without the expense of a forklift

**ECONOMY FORKS
MODEL 1200**



Cat. I
A.S.A.E.
Quick Hitch
Compatible



**ADJ. TINE FORKS
MODEL 1500AT**



Cat. II
A.S.A.E.
Quick Hitch
Compatible

**ADJ. TINE FORKS
MODEL 3548**

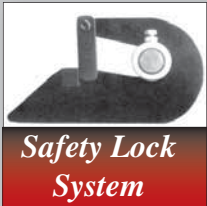
**STD. DUTY FORKS
MDL. 1500 & 2000-3PT**

Model No:	Cap.	Fork Width (center to center)	Fork Thickness	Fork Length	Wt.
1200	1200 lbs.	26"	2"x4"x3/16" tube	41"	90#
1500 QH	1500 lbs.	26"	1" x 4" solid	41"	160#
2000-3PT QH	2000 lbs.	26"	1 1/4" x 4" solid	41"	180#
1500AT	1500 lbs.	5" to 26"	1 1/4" x 4" solid	41"	290#
3548 Cat. II	3500 lbs.	10" to 36"	1 1/4" x 4" solid	48"	315#

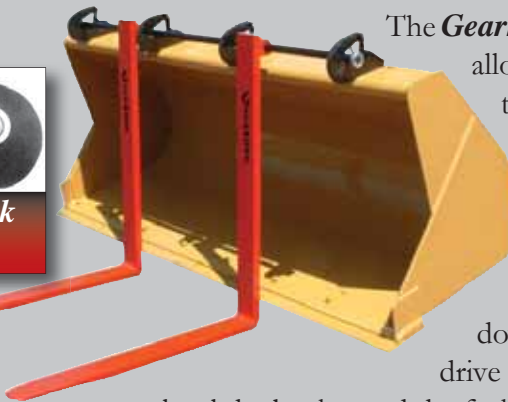
FORKS, BUCKET

Turns your loader bucket into a forklift

- Mounts to loader bucket in seconds
- Patented forming process increases the bend and heel thickness by 20%
- Tines made of special boron steel and fully heat treated after bending
- Heavy plate mounting brackets
- Rods made of 4140 ground and polished, high carbon steel
- Extra long tine taper for easier load entry
- Adjustable tine spacing
- Forks have a safety rating of 3 times the stated capacity (except 1200# forks)



Safety Lock System



The **Gearmore Bucket Forks** allows you to turn your tractor into a forklift in seconds. Our simple safety lock brackets are welded to your bucket. You then curl down the bucket and drive into the forks. Next level the bucket and the forks lock into place.

Model No:	12 UNIV	25 UNIV	40 UNIV	60 LB	60 UNIV	80 UNIV	110 UNIV*
Max. Load Cap. Tine Ct:	1200 lbs.	2500 lbs.	4000 lbs.	6000 lbs.	6000 lbs.	8000 lbs.	11000 lbs.
Bucket Opening up to:	23"	32"	40"	40"	49"	54"	67"
Tine Height**:	31"	38"	46"	46"	55"	61"	73"
Tine Length:	36"	36"	42"	46"	46"	48"	60"
Adj. Width:	60"	60"	72"	72"	72"	72"	84"
Weight:	225#	240#	330#	400#	435#	690#	960#
Rod Size:	1 1/4" x 5'	1 1/4" x 5'	1 1/4" x 6'	1 1/2" x 6'	1 1/2" x 6'	1 3/4" x 6'	2" x 7'
Tine Size:	1" x 4"	1 3/8" x 4"	1 3/8" x 4"	1 3/4" x 4"	1 3/4" x 4"	2" x 5"	2" x 6"
No. of Brkts:	3	3	4	4	4	4	4

* By adding a 3rd tine, capacity is 16,500 lbs. and by adding a 4th tine, capacity is 22,000 lbs.

** Deduct 2" to calculate center of rod bushing height.

Pallet Forks - Available in pin-on, JD & skid steer quick attach

FORKS

These handy **Fork Attachments** can make your tractor/loader into a low cost forklift. Models include John Deere and Skid Steer quick attach pallet forks. The forks feature lockable tines and slotted rails. The solid tines are made of Boron Steel and then are heat treated. Also available - two models of "Walk-Thru" SSL pallet forks

- Load capacities of 2250 & 3750 lb.
- Fits compact and utility loaders
- Forks are constructed of Boron steel and heat treated
- Adjustable and lockable rail style forks
- Equipped with high visibility load guard
- New Skid Steer forks have bolt-on Gearmore logo plate - when removed become walk through design



NPF-3748F

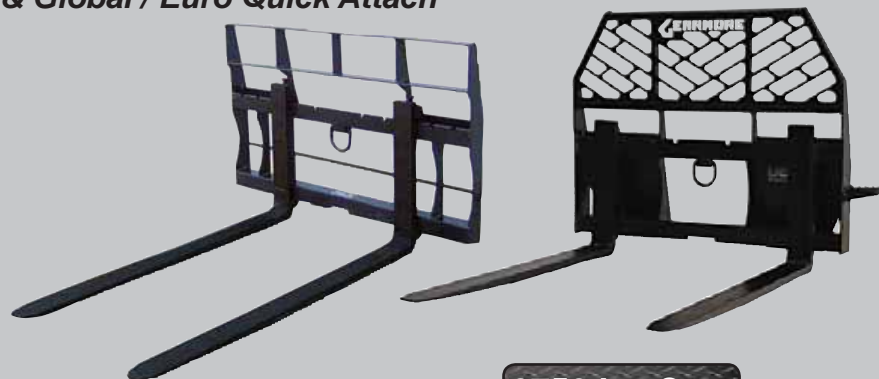


WARNING: The loader mounted fork attachments are specifically designed to engage and load palletized materials. Do not use forks to handle large loads, such as bales, posts, etc., and avoid carrying loose or shiftable loads, as they can fall or roll back onto operator causing serious injury or death.

Models:	ULF-2242 Pin-On	ULF-3548 Pin-On	JLF-2242 JD QA	NPF-3742F SSL	NPF-3748F SSL
Lift Cap:	2250 lbs.	3750 lbs.	2250 lbs.	3750 lbs.	3750 lbs.
Fork Length:	42"	48"	42"	42"	48"
Tine Size:	1 1/4" x 3" Solid	1 1/4" x 4 1/2" Solid	1 1/4" x 3" Solid	1 3/8" x 4" Solid	1 3/8" x 4" Solid
Loader Mounts:	Compact loaders between 28 1/4" ID & 47 1/4" OD w/3/4" or 1" pins	Loader frames between 32" ID & 48" OD with 1" or 1 1/8" pins	Fits JD compact loaders w/quick change attach. carrier	Fits skid steer quick attach 3750# capacity at 21" load center	Fits skid steer quick attach 3750# capacity at 21" load center
Weight:	280#	385#	280#	375#	395#

Available For Universal, John Deere & Global / Euro Quick Attach

The new heavy duty frames are designed to handle both the 3750 and 5500 lb. capacity forks. The 10 gauge brickguard offers outstanding strength and smooth surface for protection and less load damage. Also, the convenient non-skid step offers easy operator access, except 2300 lb. capacity. The tine end visibility is excellent.



2300 LB. CAP.

3750 LB. CAP.

Code No:	Description	Capacity	Tine Length	Wt.
107283/106220	SSL QA Compact	2300 lbs.	42"	270#
107283/106222	SSL QA Compact	2300 lbs.	48"	285#
17380 / 102028	SSL QA Fork Assy.	3750 lbs.	42"	450#
17380 / 102030	SSL QA Fork Assy.	3750 lbs.	48"	480#
101177/102028	JD QA Fork Assy.	3750 lbs.	42"	410#
101177/102030	JD QA Fork Assy.	3750 lbs.	48"	440#
17380/102032	SSL QA Fork Assy.	5500 lbs.	42"	490#
17380/102034	SSL QA Fork Assy.	5500 lbs.	48"	500#
109065/1102034	Euro Global Fork Assy.	5500 lbs.	48"	465#

- Available in 2300, 3750 & 5500 lb. capacities
- Fork tines available in 42" & 48" length
- Exclusive load retention hook for securing and positioning pallet loads
- Solid tine positioning w/spring loaded toggle operation
- Easy loading with tapered tines

CHAIN HARROWS

Drag or Lifiable -

Aggressive, light or minimum action positions

**DRAG - AVAILABLE
IN ALL SIZES**

Cat. I
A.S.A.E.
Quick Hitch
Compatible



**LIFTABLE - AVAILABLE
IN 4x4, 6x6 & 8x6**

FEATURES:

- Tines 1/2" dia. by 4 1/4" long
- No parts to lubricate/adjust
- Offset tines eliminate ridges
- Evenly works ground regardless of terrain
- Cold formed tines eliminate breakage
- Can be operated at speeds up to 8 MPH

NOTE: 4' Lift Harrow Not Cat. I Quick Hitch Compatible

VARIABLE ACTION FOR EVERY APPLICATION



AGGRESSIVE ACTION
Tines stand up at 75° angle



LIGHT ACTION
Reversed tines angled farther back



MINIMUM ACTION
Tines in smoothing position

PASTURE RENOVATION & MAINTENANCE

Spreads and incorporates manure, thatches dead growth, aerates soil, increases moisture penetration and renovates pastures by preparing soil for seeding while stimulating existing growth.

DIRT & GRAVEL MAINTENANCE

For ball diamonds, race tracks, dirt and gravel roads, rodeo arenas, etc. Smooths rough spots, fills holes and incorporates moisture.

GRASS & TURF MAINTENANCE

For parks, golf courses and playing fields. Incorporates seed, dethatch turf and aerates soil. Pulls out dead material without disturbing new growth.

ALL TILLAGE APPLICATIONS

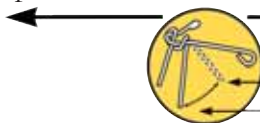
Prepares firm, level seedbed in combination with drills, cultivators and discs. Can be used to break up crusts and clods. Incorporates herbicides evenly because flexible design assures uniform depth.



Flexible Two-Way Design For Optimum Debris Clearance

Pull backwards for light penetration

Pull forward for deep penetration



light penetration
deep penetration

Chain Sections

Model #	Width	Depth	Wt.
H4X4	4'	4'	70#
H5X4	5'	4'	86#
H6X4	6'	4'	105#
H6X6	6'	6'	157#
H6X8	6'	8'	209#
H8X6	8'	6'	209#
H10X4	10'	4'	174#

Drawbars Only

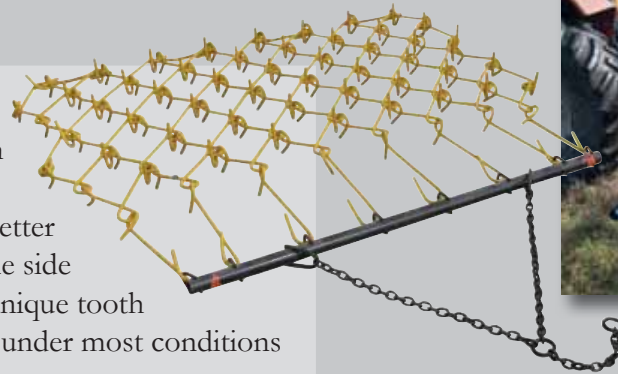
Model #	Width	Wt.
D4	4'	26#
D5	5'	30#
D6	6'	36#
D8	8'	50#
D10	10'	60#
D12	12'	70#
D1D	Adaptor Kit	

Heavy Duty Series -
5/8" Diameter - double sided

CHAIN HARROWS

5/8" DOUBLE SIDED SERIES

- Made from 5/8" diameter high carbon steel teeth both sides
- 3" Teeth are angled 45° for better trash harrowing action on one side
- This harrow, because of its unique tooth arrangement, is self-cleaning under most conditions



BLANKET HARROWS				DRAWBARS			
Model	Description	Width	Weight	Model	Drawbar Size	Length	Weight
AW-CH05-3-X	5' W x 6' D	4' - 4"	100#	AW-CH05-BAR	5'	29"	55#
AW-CH07-3-X	7' W x 6' D	6' - 6"	175#	AW-CH07-BAR	7'	55"	60#
AW-CH09-3-X	9' W x 6' D	8' - 8"	225#	AW-CH09-BAR	9'	81"	75#
AW-CH11-3-X	11' W x 6' D	10' - 10"	275#	AW-CH11-BAR	11'	107"	85#
AW-CH13-3-X	13' W x 6' D	13' - 0"	325#	AW-CH13-BAR	13'	133"	105#
AW-CH15-3-X	15' W x 6' D	15' - 2"	375#	AW-CH15-BAR	15'	159"	125#
AW-CH17-3-X	17' W x 6' D	17' - 4"	425#	AW-CH17-BAR	17'	185"	135#
AW-CH19-3-X	19' W x 6' D	19' - 6"	475#	AW-CH19-BAR	19'	211"	155#
AW-CH22-3-X	22' W x 6' D	21' - 8"	525#	AW-CH22-BAR	22'	2 - 120"	175#
AW-CH24-3-X	24' W x 6' D	23' - 10"	575#	AW-CH24-BAR	24'	2 - 133"	225#

3-POINT HARROW CARRIERS

Model	Description	For Harrow Models	Transport Width	Weight
AW-HL-07	3-Point Harrow Lift	AW-CH07-3	5' 0"	200#
AW-HL-09	3-Point Harrow Lift	AW-CH09-3	7' 0"	225#
AW-HL-11	3-Point Harrow Lift	AW-CH11-3	9' 0"	250#
AW-HL-13	3-Point Harrow Lift	AW-CH13-3	11' 6"	300#

CARRIERS, HARROW

Part No.	Description	For Aerator Models	For Harrow Models	Weight
AK-76366	Set of 2 Arms	AWMP	All AWMP	180#
AW-LH-01X2	2 - Lift Arms	AW080Q	AW-CHO9-3	120#
AW-LH-01X3	3 - Lift Arms	AW100Q, AWST100	AW-CH11-3	180#
AW-LH-01X4	4 - Lift Arms	AW120Q, AWST125	AW-CH13-3	240#
AW-LH-01X5	5 - Lift Arms	AW150Q, AWST150	AW-CH15-3	300#



CARRIERS, HARROW - FOR AERATOR MTG.

- Heavy carrier arms
- Liftable system for transport
- Models to fit the popular aerators

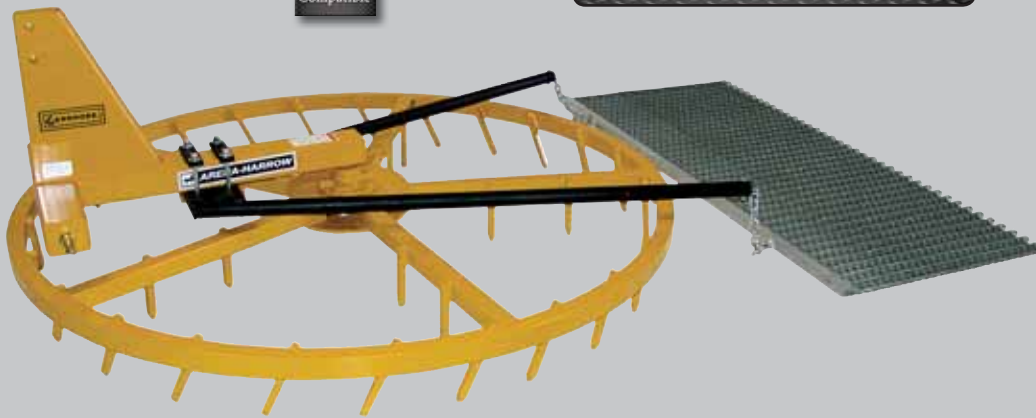


Marketed by Gearmore, Inc.

HARROWS, ROTARY *Arena Rotary Harrows & Drag Mats - Compact & standard duty rotary harrows*

Cat. I
A.S.A.E.
Quick Hitch
Compatible

GRH6B WITH OPTIONAL DRAG MAT SHOWN



Now With Replaceable Teeth

- Cat. I, 3-point hitch
- 2" x 2" Square tubing wheel with 5 spokes
- 5 1/2" High carbon teeth
- Sealed bearing hub
- Heavy 3" x 4" tubing frame

The **GRH Series** of Rotary Harrows were designed to aerate soil and pull weeds. The unique turning action allows the harrow to level soil by redistributing it inward. Excellent tool for moving high spots away from fences and walls. Levels, floats and breaks up clods. The ideal product to use in arenas.

The heavy duty **Drag Mats** finish the soil to a fine smooth surface. The mat also catches and drags out clods and small rocks. The units are galvanized to prevent rust and are long wearing. The carrier frame is easy to install on current and existing Rotary Harrows.

GRH5E SHOWN



- Available for GRHB rotary harrows only
- Adjustable bolt-on carrier frame
- Rust resistant galvanized steel mats
- 1" x 1" Mesh openings and full length rods
- 3 Times the strength of standard mats

Model No.	Description	Weight
AH-DMC	Carrier, fits all mats widths	35#
DM-6	Drag Mat, 6' x 30" deep	65#
DM-8	Drag Mat, 8' x 30" deep	95#

Model No.	Description	Weight
GRH5E	Rotary Harrow, 5 Foot	170#
GRH5B	Rotary Harrow, 5 Foot	240#
GRH6B	Rotary Harrow, 6 Foot	290#
GRH7B	Rotary Harrow, 7 Foot	335#
GRH8B	Rotary Harrow, 8 Foot	385#

These compact **Arena Rotary Harrows** were especially designed for compact tractors from 15 to 24 horsepower. By extending the tractor right side lower link arm, the unique turning action allows the harrow to level the ground by moving the soil inward. The heavy main frame and the strong pipe circle with replaceable teeth insures long life and easy maintenance.

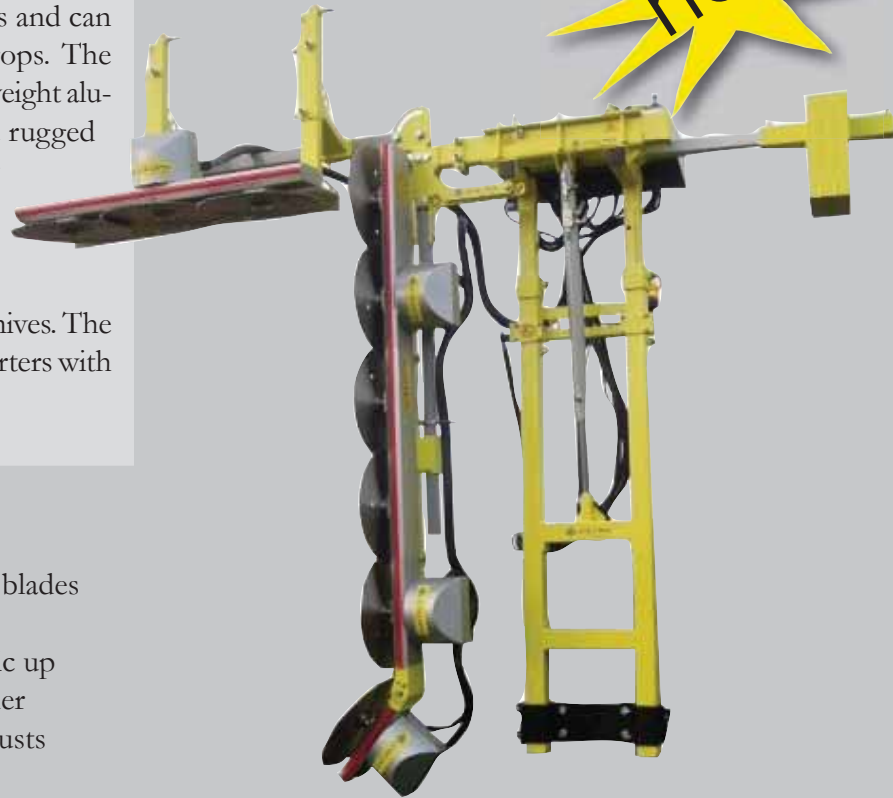
- Cat. I, 3-point hitch
- 6" Long replaceable teeth
- 1 1/2" Pipe circle
- 4 - 1 1/2" Pipe spokes
- Sealed bearing hub
- Frame 3" x 3" square tubing



MODEL P1100-O

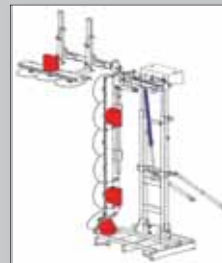
These unique COLLARD hedgers were designed for half row trimming of olives and can be used on a number of different crops. The heart of this hedger is the unique lightweight aluminum alloy extrusion that provides a rugged rust-proof framework for the cutting blades and has a lifetime guarantee.

The units feature two different cutting systems - saw blades or dual swinging knives. The hedgers are supplied with adjustable skirters with separate hydraulic driven motors.



FEATURES:

- Available with 18" diameter saw blades or swinging knives
- Main trimmer beam has hydraulic up and down with 32" stroke cylinder
- The upper element manually adjusts 12" vertically
- Vertical and upper cutting element has manual tilt (slope)
- Vertical breakaway system to protect equipment
- Complete hydraulic distributor, hoses, and "JIC" couplers
- Rigid deflectors so cut material is thrown away from the operator
- Wide range of adjustments for setting trimmer to grower's exact requirements
- Blades turn at 2500 R.P.M., ensures clean cut
- Equipped with electro-hydraulic joystick controls for precise trimmer adjustments



*4 - Hydraulic Motors
2 - Hydraulic Cylinders*



SPECIFICATIONS:

Order Code	Model No.	Vertical Cut	Horizontal Cut	No. of Blades	Hydraulic Requirements	Wt.
0134 1350	P1100-O	90"	48"	9	12 GPM@2600 PSI	1200#

NOTE: The maximum cutting height is approximately 10 foot.



Marketed by Gearmore, Inc.

HEDGER/TOPPER

Front or Rear Tractor Mounted -
Designed to hedge & top trees and bush crops

The **COLLARD Hedger/Topper** was designed to hedge, top trees and bush crops. Easy to operate with electric controls. The cutting bar length is 6 feet and additional blades can be added for longer cuts. This unit is great for orchard hedging, topping and fence line maintenance.



FEATURES:

- Dual hydraulic motors for added power
- Standard cutter bar length 6.8 feet
- Vertical reach of 20 feet
- Flat topping height of 13 feet
- Tractor requirement of only 11 G.P.M. at 2140 PSI
- Electro hydraulic controls
- Hedger comes with all hoses, fittings and JIC couplers
- Flail knives are standard, 18" diameter saw blades are optional

SPECIFICATIONS:

Model No.	Description	Reach	Topping	Wt.
TA400	Hedger/Topper 6 Blade	20 Ft.	13 Ft.	860#

HEDGER/TOPPER/SKIRTER

Allows Total Control of Orchard Profile -
Orchard management of tree canopies

The **COLLARD Hedger** is a total adjustable pruning system for hedging, topping and skirting orchards. Allows growers to maximize production and reduce pruning costs. By reducing heavy crop set limb damage, opens middles for better sunlight, cleans out lower branches to reduce herbicide damage and allows passage of tractors without limb breakage.



SPECIFICATIONS:

Order No.	Description	Hedging	Topping	Weight
P2000A-9	Hedger/Topper/ Skirter 18 Blades	Min. - 48" Max. - 170"	Min. - 84" Max. - 133"	1600#

FEATURES:

- 7 Cylinder hydraulic system which allows for many different applications
- Electro hydraulic controls
- 18" Diameter saw blades are standard with optional flail knives for green material
- 9 Blades per side - optional 7 and 8 blades per side
- Requires minimum of 12 GPM @ 3000 PSI
- Designed so that blades throw much of the brush into the rows, instead of dropping into the tree canopy
- Effective trimming for both nut, fruit, and citrus orchards



Marketed by Gearmore, Inc.

These 6 implements allow sub-compact tractors to perform many different tasks. The tractor 3-point hitch makes it easy to change these tools. Whether you want to grade, disc, mow, rake, or subsoil, these economy implements will do those jobs with minimal effort.

RAKE 60"
TYR-60-XB



- Heavy duty heat treated spring steel shanks
- 5 Forward and 5 reverse settings
- Reinforced square tubing frame
- Adjustable stabilizer bar

BOX SCRAPER 48"
BB-48-XB



- Front and rear reversible heat treated cutting edges
- Adjustable heat treated shanks
- 12" High self cleaning moldboard
- 2" x 4" Main beam

REAR BLADE 60"
TRB-60-XB



- 10" High ¼" thick moldboard
- 5 Forward and 5 reverse settings
- Reinforced square tubing frame
- Reversible high carbon cutting edge

FINISH MOWER 48"
FM-48-XB



- Dual wheels front and rear
- Free floating flex hitch system
- 3 Cast iron spindles and ¼" thick blades
- Front anti-scalp roller

MIDDLE BUSTER SUBSOILER MB-S-XB



- Steel tubing shank
- Heavy steel frame
- Heat treated, furrower and subsoiler point
- Forged lift pins

TANDEM DISC 60"
14-16-N-XB



- Heavy angle iron frame
- Cast iron bearing spools w/grease fittings
- Adjustable angle settings
- 1" Square axles & 14" high carbon blades

FLAIL MOWERS



- Designed for mini excavators
- Cutting widths of 28.5" and 38.5"
- Rotation speeds of 1800 to 2200 RPM
- 4" Cutting capacity
- 5 Second blade stopping feature
- Models for excavators capacities on 3 to 10 metric ton
- Model FME30 - 830#, FME40 - 1175#

4-IN-1 BUCKETS



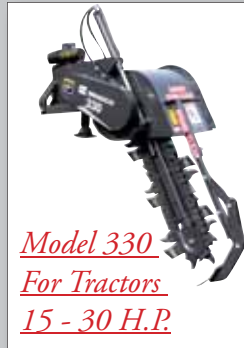
Construction Series shown w/optional side cutter & spill guard

- 3 Series in widths of 60", 66", 72", 78", & 84"
- For machine weights - 4,000, 8,000 & 12,000#
- Long floor design improves cutting edge visibility
- "Hose Saver" spring kit standard, except on compact units
- Unique side cutters on construction series only
- Effective loader bucket for clam, dozer, scraper and bottom dump operations

TRENCHERS



Model 612 For Tractors 22 - 35 H.P.

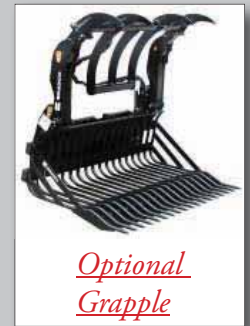


Model 330 For Tractors 15 - 30 H.P.

- 3 Pt. hitch, PTO driven for 15 to 35 HP hydrostatic transmission tractors
- Digging depths from 30" to 60" deep
- Digging widths from 3" to 12" wide
- Large discharge auger places soil away from trench
- Built with the best of heavy duty components

SIFTING/ROCK BUCKETS

66" With Loader Arms



Optional Grapple

- Widths of 66", 75" and 84"
- Brackets to fit loader arms, Skid Steer and quick attach
- Unique tine design is contoured to cradle the debris and rocks
- Rods are 1 1/4" diameter high alloy steel
- Standard buckets come with 3 1/8" spacing between tines, with the option of 2" spacing
- 55" Bucket has 3/4" diameter rods

Manufactured By:



ALL-PURPOSE MIXERS



Our economy **Mixer** effectively blends materials including concrete, feed, and fertilizers.

- Cat. I, 540 RPM P.T.O.
- Capacity - 11 cu. ft.
- Mixes 1 ½ sacks of cement
- Single acting cylinder with hose

CULTIVATORS



Our "**S**" **Tine Cultivators** are available in widths of 4 to 10 feet. The tine springs vibrate to aid in breaking up the soil.

- Heavy duty "S" tines penetrate and till up to 7" deep
- "S" tines are heavy duty ¾" x 1 ¼" x 22" spring steel
- Available w/1 ¾" reversible points or 7" sweeps

RIPPER BARS



These **Ripper Bars** are excellent for aerating pastures and other ripping applications.

- Cat. I, 3-point hitch
- 5, 6 and 7 Shank sizes
- Rips up to 8" deep
- Shear bolt protection

TOOTH BARS



Our bolt-on **Tooth Bars** are designed to make your loader bucket more aggressive

- Bolts on buckets with two bolts to the side plates
- Easy to install by drilling two holes in side plates
- Available for inside bucket widths of 40", 46", 52", 58", 64", & 70"

3-POINT ROLLERS



These 3-point hitch rollers have excellent maneuverability to smooth and increase the firmness of turn surfaces.

- Available in 60" width with 16" dia. drum
- Or 72" wide unit is available with 20" drum
- When water is added the 60" weighs 860 pounds, the 72" weighs 1,340 pounds

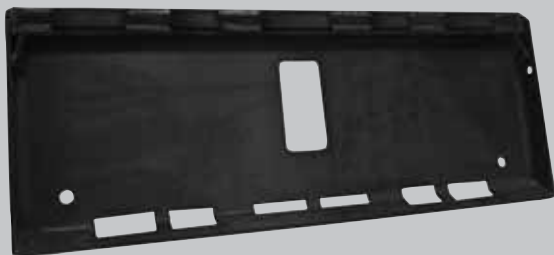
PULL TYPE ROLLERS



These pull type rollers are available with 20" diameter rollers in widths of 60", 72", 84", and 96". When filled with water, the rollers are great for packing down loose dirt, newly sown seed and turf.

- Available in roller widths of 60", 72", & 84"
- Heavy duty ¼" thick roller tubing
- 1 7/16" Full length axle with bearings

WELD ON SSL PLATES



These universal skid steer quick attach plates are available in standard and heavy duty. Great for converting new and used buckets to the standard of the industry SSL quick attach.

- Available in standard and heavy duty
- Heavy built locking positions
- Shipped unpainted

WHEEL DISC



The wheel design is engineered for smooth transition from off-road transport to cutting position with just the turn of a crank. The turnbuckle mounted tongue to frame gives down pressure to increase cutting action.

- 33" Cutting width
- 10 - 14" Diameter notched blades
- Dual flotation tires
- Model # 14-10-CD

Loader & Electro Hydraulic Kits - IMPLEMENTS

Implements for quick attach or loader pin-on

The **Quick Attach Bracket** for compact tractors allows you to change loader attachments in minutes. Just unlatch the quick attach, back out of one implement and drive into another, flip the locking handles and you are ready to go back to work.

- The Quick Attach mounts directly to your loader arm and cylinders in minutes
- No special pins or modification to the loader are necessary
- Available for most popular compact tractor loaders
- Weld-on plates are available to convert standard brackets to Quick Attach



For other quick attach or pin-on loader implements, see the index.



Root rakes available in widths of 60", 66" & 72"
Available in quick attach only



Standard, light material and heavy duty buckets in widths of 60", 66" and 72"



Multi-purpose 4-in-1 buckets in widths of 60" & 66" - Also HD buckets in 66", 72" & 78"

Gearmore **Electro Hydraulic Components** were developed to obtain a simple, compact way to operate loader mounted hydraulic implements. The mounted electro hydraulic valve is easily operated by a push button switch knob mounted on the tractor loader valve lever. This allows operation of the loader functions and hydraulic implements without moving your hand.

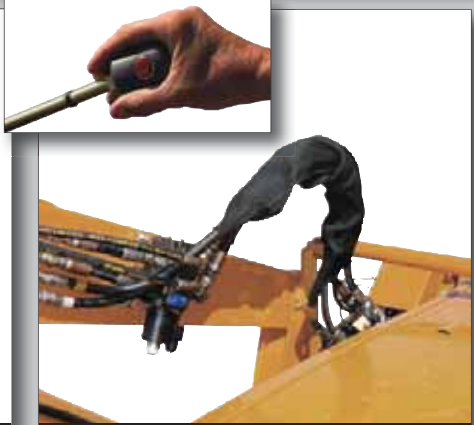
- Electro hyd. valve, operates hydraulic functions up to 13.2 G.P.M.
- Easily installed replacement loader knob with pushbutton electric switch
- Valve mounting bracket and hardware

NOTE: Not compatible with regenerative valve circuits



Turns your standard bucket into a versatile grapple bucket

Bolt-on bucket grapples are available in single 48" to 72" and double 60" to 84" buckets



Model # EH-100 Electro Hydraulic Valve components for installation on tractor loaders

LOG SPLITTERS *Trailer & 3-Point -* Can be operated in vertical or horizontal position



**3-PT. HITCH MODEL
15 TON CAPACITY**

**Splitting Wedge &
Stripper Bracket**

**Built-in Log
Cradle**

**10.5 HP Briggs &
Stratton Engine**

**TRAILER MODEL
34 TON CAPACITY**

The Gearmore 3-point hitch mounted, hydraulic driven **Log Splitter** is a powerful, low cost unit. The hydraulic 4" cylinder with 24" stroke is powered by the tractors hydraulic system. This Log Splitter will split any diameter log up to 26" long. The heavy 6" x 6" main beam ensures years of trouble free use.

Our **Log Splitters** are available in 3-point hitch and trailer mounted. Splitting capacities of 15 and 34 ton, depending on your requirements. Both models feature automatic cylinder return for convenience. The built-in log cradle makes splitting wood easier and safer. These top of the line splitters will give you years of trouble free usage. The log splitters can be used in the vertical or horizontal position. The 2" ball hitch allows the log splitter to be towed by ATVs, utility vehicles, small tractors, etc.

Model No.	LS20E	T34B
Capacity:	15 Ton	34 Ton
Mount:	Cat. I - 3-Point	Trailer
Cylinder Size:	4" x 24"	5" x 24"
Power:	Hydraulic	10.5 H.P. Briggs & Stratton
Pump:	Tractor	2 Stage 16 G.P.M.
Beam Size:	4 1/2" x 7"	8" x 10"
Splitting Wedge:	7"	8"
Maximum Log Length:	26"	26"
Weight:	350 lbs.	675 lbs.

Trailer mount log splitter comes with 4:80 x 8" Tires, 2" ball hitches, safety chains, and jackstands.

FEATURES:

- Operates in the vertical or horizontal position
- Log stripper for stuck log removal
- Auto return on control valve
- 7" High splitting wedge with spreader wings
- Adjustable stroke for different length logs
- Vertical position allows operator to be at side of tractor for safety

"SLE" & "GML" Series - FLAIL MOWERS Featuring "no tools" blade changing system on SLE Series

This Gearmore **SLE Series** mower was developed for mowing grass and light weeds with side slicing Y blades. All models are also available with finish mowing cupped "ducksfoot" blades for mowing grass. Standard features include ASAE quick attach 3-point hitch, low profile design, center mount or offset, adjustable rear roller and many more. These flail mowers were designed to achieve fine shredding on cover crops, parks, golf courses, pastures, and light weed abatement.

- Cat. I, ASAE quick hitch compatible for easy attaching to tractor
- Low profile design for clearing obstructions
- Available with side slicing Y blades for light brush or grass finishing ducksfoot blades
- Center mount or offset 9 inches to right
- 45 Horsepower, 540 RPM gearbox
- Internal "saw tooth" cutter bar to reduce size of shredded material
- 5" Diameter rear roller
- Safety chain shield in front and rubber rear deflector

Model No:	Mow Width	Overall Width	No. of Knives	Min. H.P. Req'd	Wt.
SLE-120	48"	54"	22	20 H.P.	415#
SLE-160	63"	69"	30	28 H.P.	525#
SLE-190	75"	81"	36	35 H.P.	620#

The **Gearmore Flails** are the ultimate in flail mowers. The mowers are heavy built with 40 H.P. gearbox, to give years of trouble free service. Two types of blades are available - hammer and Y blades, both do clean cutting on light brush and grass. High speed 2300 R.P.M. rotor makes for smooth finished cut. The adjustable rear roller ensures even mowing. These flail mowers are just right for use in mowing cover crops, parks, schools, golf courses, pastures, roadsides, etc.

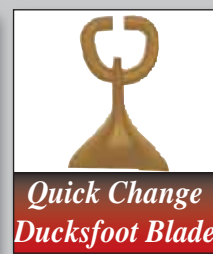
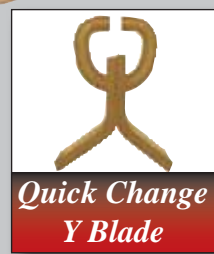
- Fits Cat. I, 3-pt. hitches, 540 R.P.M. tractors
- Mows grass and weeds up to 1/2" with Y blades
- Shreds brush up to 1 1/2" dia. w/swinging hammer blades
- Computer balanced vibration free rotor turns @ 2300 RPM
- 3 Belt drive protects gearbox, driveshaft and rotorshaft
- Front metal flaps provide safety from flying material
- Rear rubber safety flaps

Model No:	Mow Width	Overall Width	No. of Hangers	Min. H.P. Req'd	Wt.
GML-41	41"	46"	18	16 H.P.	580#
GML-49	49"	53"	24	20 H.P.	640#
GML-61	61"	66"	27	24 H.P.	720#
GML-69	69"	73"	33	28 H.P.	770#
GML-79	79"	84"	39	35 H.P.	840#



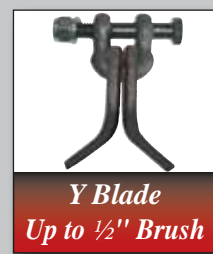
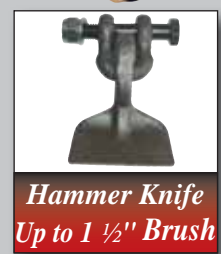
Cat. I
A.S.A.E.
Quick Hitch
Compatible

"SLE" SERIES



Cat. I
A.S.A.E.
Quick Hitch
Compatible

"GML" SERIES



FLAIL SHREDDERS "SFG" Series -

Center mount, offset mechanical or hydraulic

Cat. I
A.S.A.E.
Quick Hitch
Compatible

SFG155 SHOWN

Our **SFG Series** of flail mower/shredders feature fixed center mount, manual or hydraulic side shift. The narrow shredders are fixed center mount. The two largest shredders are manual offset, return to center with optional hydraulic offset. Two style of blades can be purchased, hammer knives or double Y blades. These blades are also interchangeable on the same shredders. The low profile design of the machine aids when working in tight areas. These are popular mowers in vineyards, berries, roadsides, weed abatement, rental yards, etc.



Double Y Blade



Hammer Knife

OPTIONS:

- ~ Rake Teeth
- ~ Hydraulic offset SFG185 & 200

- Cat. I, ASAE quick hitch, 540 RPM tractors
- Fixed center mount hitch, except SFG 185/200
- 70 HP gearbox with built-in overrunning clutch
- Low profile belt housing, 23" high for clearance
- Hammer knives shreds brush and prunings up to 2" diameter
- Double Y blades mow weeds and light brush up to 1" diameter
- Cutting height adjusts from 1" to 4" above ground
- Rotor speed - 2200 RPM
- Two rows of heat treated re-cutter blades
- Rear hatch adjusts for various types of mowing
- Rear hatch slotted for rake teeth
- Balanced 5 1/2" rotor tubing
- 5 1/2" Diameter rear roller adjusts vertically and horizontally
- Models SFG95 & 125 are *not* quick hitch
- 4 Belt final drive to provide maximum power to the rotor
- Series 6 PTO driveshaft
- Front mounted safety chains

Model No:	Working Width	Overall Width	Max. Offset*	No. of Hammers	No. of Y Blades	H.P. Req'd	Rake Slots	Wt.
SFG95	38"	43"	-	8	32	20 H.P.	6	640#
SFG125	49"	55"	-	8	32	25 H.P.	8	730#
SFG140	55"	61"	-	10	40	30 H.P.	9	770#
SFG155	61"	66"	-	10	40	35 H.P.	10	840#
SFG185*	73"	78"	44"	12	48	40 H.P.	12	1005#
SFG200*	79"	84"	48"	14	56	45 H.P.	13	1100#

*These shredders come with manual offset, hydraulic offset is optional. Offset shown is the maximum offset from centerline of tractor to the right.

"GCF" & "GRF" Series - FLAIL SHREDDERS

Both shredders can be front or rear mounted

Our **GCF Series Mower/Shredders** are now designed for front or rear tractor mount. To front mount, just re-bolt the A-frame to the back of the shredder. Equipped with a rear deflector which in open position discharges grass and allows tractor speeds up to 6 MPH, and in closed position contains and further shreds brush to a finer mulch. Just right for use in vineyards, berries, and other narrow row crops. Also used by roadsides, parks, rental yards, and general weed abatement.

- Fits Cat. I & II, 3-point, 540 R.P.M. tractors
- HD 72 H.P. gearbox with built-in overrunning clutch
- Hammer knives shred brush and prunings up to 2", and will also mow grass
- Computer balanced vibration free rotor turns at 2000 RPM
- Adjustable A-frame allows offsetting mower 6" to the right
- Front safety chains provide safety from flying material



Hammer Knife
Up to 2" Brush



Cat. I
A.S.A.E.
Quick Hitch
Compatible

"GCF" SERIES

Model No:	Mow. Width	Overall Width	No. of Knives	Min. H.P. Req'd	Wt.
GCF41	41"	46"	9	20 H.P.	680#
GCF45	45"	50"	12	25 H.P.	700#
GCF53	53"	58"	12	30 H.P.	790#
GCF61	61"	66"	15	35 H.P.	920#
GCF69	69"	74"	18	40 H.P.	970#
GCF79	79"	84"	21	45 H.P.	1030#

The **Gearmore Mower/Shredders** are the ultimate in flail mowing. The 3 lb. drop forged hammer knives will shred up to 3" diameter branches and yet will mow grass. Just right for use in vineyards, orchards, roadsides, parks, pastures and weed abatement. You will find that these heavy duty machines will give many years of low maintenance usage.

- Available in Cat. I or 2, 540 or 1000 R.P.M.
- Reversible front or rear center mount
- Shreds brush or prunings up to 3", constant use 2 1/2"
- Cutting height adjusts from 1" to 4"
- Equipped with an adjustable rear deflector
- Double row drop forged cutter bars increase shredding of material
- Computer balanced vibration free rotor turns at 2000 RPM
- Heavy duty 85 H.P. gearbox with built-in overrunning clutch



Hammer Knife



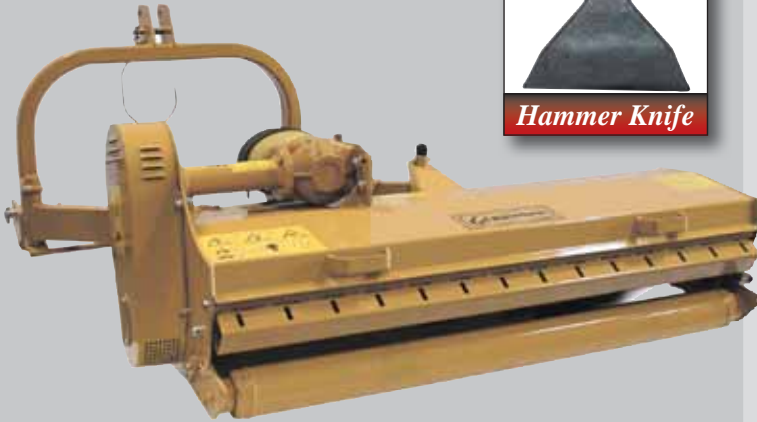
"GRF" SERIES

Model No:	Mow Width	Overall Width	No. of Knives	Min. H.P. Req'd	Wt.
GRF69	69"	78"	18	36 HP	1190#
GRF79	79"	88"	21	45 HP	1280#
GRF89	89"	98"	24	50 HP	1380#
GRF98	98"	108"	24	58 HP	1520#

FLAIL SHREDDERS

"GOF" & "GHF" Series - For heavy duty grass and brush shredding

"GOF" SERIES



Hammer Knife

- Fits Cat. I or II, 3-pt. hitch, 540 R.P.M. tractors
- Adjustable swing hitch allows quick setting for an additional 28" of offset
- Double row of drop forged cutter bars to increase the shredding of material

The **Gearmore Mower/Shredders** are the ultimate in flail mowing. The 3 lb. drop forged hammer knives will shred up to 3" diameter branches and yet will mow grass. Equipped with a patented rear deflector which in open position discharges grass and allows tractor speeds up to 6 MPH, and in closed position contains and further shreds brush to a finer mulch. In offset position, the units are ideal for mulching prunings and heavy grass in orchards. Municipalities find these shredders excellent for roadside maintenance.

- Shreds brush/prunings up to 3", constant use 2 1/2"
- Computer balanced vibration free rotor turns at 2000 RPM
- HD 85 H.P. gearbox w/built-in overrunning clutch
- 5 Belt drive protects gearbox, driveshaft & rotorshaft, 4 belt on model GOF69-79
- Front mounted safety chains provide protection from flying material
- All models have slotted rear hatches for brush teeth

Model No:	Mow Width	Overall Width	Max. Offset f/Tractor Center Line	No. of Knives	Min. H.P. Req'd	Wt.
GOF69	69"	78"	64"	18	40 H.P.	1190#
GOF79	79"	88"	74"	21	45 H.P.	1300#
GOF89	89"	98"	84"	24	50 H.P.	1430#
GOF98	98"	108"	93"	24	65 H.P.	1560#

"GHF" SERIES



These **GHF Shredders** were specially designed for severe conditions. Tall grass and weeds, cover crops, orchard prunings and even citrus brush are no match for this heavy duty machine. The 3 lb. drop forged hammer knives shred branches up to 4" in diameter. The 2000 R.P.M. large diameter rotor, makes a fine mulch. Easy to switch hitch allows the shredder to be mounted on the rear or front of tractors.

- Cat. II, 3-pt. hitch, center mount
- Front or rear tractor mount
- Shreds brush or prunings up to 3", intermittent 4"
- Gearbox HP at 540 RPM-90 HP, 1000 RPM - 110 HP with built-in overrunning clutch
- Equipped w/rear deflector which in open position discharges grass & allows tractor speeds up to 6 MPH, closed position contains and further shreds brush to a finer mulch
- Double row of drop forged cutter bars to increase the shredding of material
- 10" Diameter, computer balanced, vibration free rotor turns at 2000 RPM
- 8" Diameter, full width gauge roller
- Double row of front safety chains



Hammer Knife

Model No:	GHF90	GHF100	GHF140
Mowing Width:	90"	100"	140"
Overall Width:	100"	112"	152"
No. of Knives:	24	26	36
Min. H.P. Req'd:	75 HP	85 HP	95 HP
Weight:	2620#	2730#	3260#

**"S9C" & "S9B" Series -
Low Profile S9C & Fixed Center Mount S9B**

FLAIL SHREDDERS

This **Flail Mulcher** has a unique hydraulic side shift system that moves horizontally on front and rear mounted heavy steel tubes. These units were designed for high usage with limited maintenance. This is achieved by a number of special features such as - high tensile steel hood, internal hood replaceable "Hardox" wear plates, replaceable drop forged re-cutter bars and large 150 horsepower gearbox. The adjustable rear hatch can be closed for maximum shredding or open for maximum speed up to 6 miles per hour.

"S9C" SERIES



S9C FEATURES:

- Cat. 2, 540 R.P.M. hydraulic offset
- 150 Horsepower gearbox with overrunning clutch
- Hydraulic offset - 28 inches
- Mulches grass and prunings up to 3 1/2"
- Working speeds up to 6 miles per hour
- Drop forged hammer knives
- Hood assembly made of high tensile steel
- Replaceable drop forged re-cutter bars to increase material shredding
- Adjustable rear hatch - closed for maximum shredding, open for maximum speed
- Rotor bearings are double self-aligning
- Large 7.6" diameter adjustable rear roller
- Front mounted double row of safety chains and rear mounted rubber guards

OPTION:

~ 1000 R.P.M. gearbox

Model No:	S9C-200	S9C-225	S9C-250
Shredding Width:	79" (6'-7")	89" (7'-5")	98" (8'-2")
Overall Width:	85" (7'-1")	95" (7'-11")	104" (8'-8")
Max. Offset F/Q:	67.5"	72.5"	77.5"
No. of Knives:	21	24	27
Min. H.P. Req'd:	75 HP	80 HP	85 HP
Weight:	1940#	2120#	2260#

"S9B" SERIES



S9B FEATURES:

- Cat. 2, 1000 R.P.M. fixed center mount
- Front or rear tractor mount
- 180 Horsepower gearbox with overrunning clutch
- Mulches grass and prunings up to 3 1/2"
- Working speeds up to 6 miles per hour
- Drop forged hammer knives
- Hood assembly made of high tensile steel
- Replaceable drop forged re-cutter bars to increase material shredding
- Adjustable rear hatch - closed for maximum shredding, open for maximum speed
- Rotor bearings are double self-aligning
- Large 7.6" diameter adjustable rear roller
- Front mounted double row safety chains and rear mounted rubber guards

OPTION:

~ 540 R.P.M. gearbox

These large **S9B Flail Mulchers** were designed for high usage with limited maintenance. This is achieved by a number of special features such as - high tensile steel hood, internal hood replaceable "Hardox" wear plates, replaceable drop forged re-cutter bars, and oversized 180 horsepower gearbox. The adjustable rear hatch can be closed for maximum shredding or opened for maximum speed up to 6 miles per hour.

Model No:	S9B-250	S9B-275	S9B-300
Shredding Width:	98" (8'-2")	108" (9')	118" (9'-10")
Overall Width:	104" (8'-8")	114" (9'-6")	124" (10'-4")
No. of Knives:	27	27	30
Min. H.P. Req'd:	85 HP	90 HP	95 HP
Weight:	2230#	2400#	2580#

FLAIL SHREDDERS

"Vegetable" Series - 3-Point hitch or pull type



15' SHOWN

Our **Flail Shredders** were designed exclusively for shredding vegetable residue. After harvest, fine shredding of the remaining vegetation greatly aids decomposition after tilled in for the next crop. The rotors come standard with 8" long cupped blades or optional contoured blades.

FEATURES:

- Cat. II or 3 ASAE quick hitch or pull type
- 280 HP 1000 RPM gearbox w/built-in overrunning clutch
- Computer balanced rotor with speed of 1400 RPM
- Cupped blades 5/16" x 2" x 8" - or contoured blades

Model No:	V1220	V1520	V2030
Cutting Width:	12' 10" (154")	15' (180")	20' (240")
No. of Blades:	84	102	132
Gauge Wheels:	2	2	4
Minimum HP:	80 H.P.	90 H.P.	120 H.P.
Weight:	4295#	4950#	7100#



20' SHOWN

FEATURES:

- Cat. 3 and 3N, 3-point or pull type
- 280 HP 1000 RPM gearbox w/built-in overrunning clutch
- Outer and center rotor bearings are Timken® double tapered roller bearings for long life
- Computer balanced rotor w/speeds of 1690 or 2000 RPM

FLAIL SHREDDERS

"Universal" Series - Designed for extreme duty shredding

These **Flail Shredders** are built in the West for tough western conditions. The shredders were designed to provide maximum mulching of crops such as: cotton, rice, corn, tomatoes, wheat and other field crops. The units have a number of special features - hoods have open and closed positions and are domex steel which is highly resistant to wear.

Model No:	U1540	U1840	U2040
Cutting Width:	15' (180")	18' (216")	20' (240")
No. of Blades:	88 Sets	104 Sets	112 Sets
Gauge Wheels:	2	4	4
Minimum HP:	100 H.P.	120 H.P.	130 H.P.
Weight:	5985#	6750#	7200#

FLAIL SHREDDERS

"Windrowing" Series -



15' SHOWN

Our **Windrow Shredders** chop and build neat, uniform windrows in one pass. The hydraulic driven, 24" wide, high capacity, chain cross conveyor processes the maximum amount of material at high speeds. Operating the shredder at 6 miles per hour will produce a windrow approximately 2 feet high by 4 feet wide. We use a heavy duty 280 H.P. gearbox.

FEATURES:

- Heavy duty pull type hitch
- 280 HP, 1000 RPM gearbox
- Hydraulic motor powers the conveyor and is protected by cushion relief and priority valve
- Special screened top allows dirt and dust to escape the shredders resulting in cleaner windrows
- Cupped blades 5/16" thick x 2" wide x 8" long

Model No:	C1535	C2035
Cutting Width:	15' (180")	20' (240")
No. of Blades:	102	144
Gauge Wheels:	2	4
Minimum Horsepower:	135+ H.P.	150+ H.P.
Weight:	7190#	9255#

Finishing Mowers - ROTARY MOWERS Rear discharge mowers, XB models - dual gauge wheels,

We now have available rear discharge mowers featuring totally open rear deck with belt guards that allow the grass to be safely and smoothly discharged giving your turf that rich, manicured look. Some of the other outstanding features are: Free floating flex hitch, dual tires front and rear, self-tightening belt, and 40 H.P. gearbox.

- Free floating, flex hitch system
- HD steel deck, w/rear discharge
- HD cast iron gearbox
- Turf friendly, 9 x 3.50 4 ply solid rubber tires
- Anti-scalp front roller

Model No:	Cutting Width	Blade Size	Blade Tip Speed - FPM	Wt.
RFM-60	60"	¼" x 2" x 20"	17,985 FPM	660#
RFM-72	72"	¼" x 2" x 24"	18,463 FPM	710#
RSFM-72*	72"	¼" x 2" x 24"	18,463 FPM	720#

*Special belt with double V design helps to prevent slippage in rough mowing conditions

Our **Rotary Mowers** were developed to obtain maximum strength and stability. The strength was obtained by using the same gearbox, spindle assembly, blades and driveshaft that are used on our heavy I beam mowers. The stability was obtained by mounting the mower closer to the tractor with the addition of twin rubber tailwheels.

Model No:	Cut. Width	Overall Width	Overall Depth	Wt.
L-48-40-XB	48"	51"	62"	400#

- Cat. I, 3-point hitch
- Adj. cutting heights 1" - 6"
- Bolt-on replaceable side plates
- Round dished spindle pan
- Heat treated ½"x3" blades
- Adj. dual rubber tailwheels
- Std. front rubber shielding

ROTARY MOWERS

48" - 72" Width Mowers - 200 Series - rounded back design

Cat. I
A.S.A.E.
Quick Hitch
Compatible

Our **200 Series Mowers** feature round back design for easy maneuvering in tight corners, around trees, fences, and other obstructions. The flexible floating hitch follows the contour of the terrain without putting stress on the mower and tractor.

SPECIFICATIONS:

Hitch: Cat. I, ASAE Q.H.
 Gearbox: 540 RPM
 Deck Thickness: 11 Gauge
 Deck Depth: 7 ½"
 Tailwheel: 3 ¾"x15" Laminated
 Cut Height: 1" to 9"
 Blade Size: ½" x 3"
 Driveshaft: Shear Pin or Slip Clutch

Model No:	Cutting Width	Gearbox H.P.	Overall Width	Overall Length	Blade Tip Speed - FPM	Wt.
RC200-48	48"	40 H.P.	52"	85"	13,090 FPM	510#
RC200-60	60"	40 H.P.	63"	98"	14,335 FPM	585#
RC200-72	72"	40 H.P.	76"	110"	14,955 FPM	710#



WARNING: If operating mower near roads and/or where people are present, you must equip mower with deck shielding



MDL. L-48-40-XB

**60" MOWER SHOWN WITH
OPTIONAL CHAIN SHIELDING**



FEATURES: Now Fully Welded Deck

- Cuts up to 1" diameter material
- Shielded series 4 PTO shaft
- Optional - rubber or chain safety shielding

ROTARY MOWERS

"Flex-Hitch" Mowers -

With I beam sides for added strength

5' MOWER SHOWN WITH OPTIONAL SAFETY CHAINS



Cat. I
A.S.A.E.
Quick Hitch
Compatible

- 3-Pt. Hitch: ASAE Cat. I, quick hitch compatible
- Flex-Hitch: Allows hitch to flex front to rear and side to side
- Side Plates: 6" I Beams full length
- Gearbox: 40 H.P. - 540 RPM
- Tailwheel: Laminated rubber
- Cutting Height: 1" to 8"
- Blade Size: 1/2" x 3" w/ 1 1/2" Dia. Blade Pin
- Driveshaft: Shear Pin or Optional Slip Clutch

The **Rotary Mowers** feature a Patent Pending "Flex-Hitch" that allows the mower to roll 15° front to rear and side to side. This allows the mower to follow the contour of the ground and is not available from other manufacturers. Another special feature is the sloped domed deck that sheds water and debris preventing material from collecting on the deck. Also, 6" full length I beams insure strength where the mower needs it the most. All these mower features were designed to insure years of trouble free service.

Model No:	Cutting Width	Overall Width	Overall Depth	Blade Tip Speed	Wt.
L-48-40-P-FH	48"	51"	82"	11,500	430#
L-60-40-P-FH	60"	63"	95"	12,500	535#
L-72-40-P-FH	72"	75"	107"	15,000	710#

- Sloped, domed deck sheds water & debris
- No stitch welds, all fully welded seams
- Heavy round dished spindle pan for gearbox protection
- Two full length rails for deck support
- Heat treated heavy blades and blade bolts
- Color yellow

L72-60HD SHOWN WITH OPTIONAL CHAIN SHIELDING



- Side Rails: 8" I Beams
- Top Deck: 3/16" Plate
- Hitch: Cat. II
- Gearbox RPM: 540
- Tailwheels: Laminated
- Blade Holder: Spindle Pan
- Blade Size: 1/2" x 4"
- Driveshaft: Slip Clutch

ROTARY MOWERS

"Medium Duty" Series - Floating hitch to follow contour of terrain

These **Gearmore Rotary Mowers** are the economical answer for medium duty use in weed and brush mowing. Special built-in features include floating hitch that follows the contour of the terrain, heavy round spindle pan to protect the gearbox, strong 8" I beam side channels for added strength, laminated tailwheel, and slip clutch driveshaft; all engineered to assure years of trouble-free service.

Model No:	Cutting Width	Overall Width	Overall Length	Tail Wheels	Gearbox H.P.	Wt.
L60-60-HD	60"	62"	86"	1	60 H.P.	800#
L72-60-HD	72"	74"	92"	2	60 H.P.	1100#
L84-80-HD	84"	86"	104"	2	80 H.P.	1480#

- Floating hitch design follows contour of terrain
- Heavy 8" I beam sides w/ribbed crossmembers
- Slip clutch driveshaft to prevent damage
- Forged heat treated blades and blade pins
- Optional safety shielding, front and rear
- Dual tailwheels for increased stability



WARNING: If operating mower near roads and/or where people are present, you must equip mower with deck shielding

Marketed by Gearmore -
Effective applications of bulk materials in rows **ROW MULCHERS**

More and more vineyards and orchards are incorporating organic mulch and compost as a means to help reduce chemical usage.

The **Row Mulcher** makes large scale use of mulch feasible for any size vineyard, orchard, or row crops. The machine applies neat, uniform rows of mulch right where you want. These mulchers are constructed with 11 gauge (1/8") thick galvanized steel bodies on heavy channel chassis. The special poly floors guaranteed to last at least 10 years.

The mulchers are easy to adjust the spread pattern to suit your personal requirements. The removable cross conveyor allows for spread down row centers.



Model No:	Heaped Capacity	Maximum Payload	Overall Width	Overall Length	Loading Height	Tires	Weight
204	2.9 yd. ³	2,500 lbs.	48"	10'-6"	5'-5"	9.5Lx15x8 Ply	1050#
304	4.4 yd. ³	3,000 lbs.	55"	15'	6'	9.5Lx15x8 Ply	2100#
406	5.4 yd. ³	4,000 lbs.	62"	16'-10"	6'	11Lx15x12 Ply	2500#
506	6.7 yd. ³	3,800 lbs.	62"	18'-10"	6'	11Lx15x12 Ply	2700#
606	8 yd. ³	7,800 lbs.	67"	20'-10"	6'-6"	14Lx16.1x12 Ply	3300#
706	9.3 yd. ³	7,500 lbs.	67"	22'-10"	6'-6"	14Lx16.1x12 Ply	3500#
588	7.8 yd. ³	6,000 lbs.	85"	16'-10"	6'-6"	14Lx16.1x12 Ply	3200#
1028	13.5 yd. ³	10,500 lbs.	85"	22'-10"	6'-10"	14Lx16.1x12 Ply	4200#



- Spreads right side
- Applies virtually any type of organic mulch
- Optional cleated belt is ideal for bark/mulch, and wet compost
- Many other options to choose from
 - Applies:
 - ~ Bark Mulch
 - ~ Compost
 - ~ Wood Chips
 - ~ Mushroom Soil
 - ~ Topsoil/Peat Mixtures
 - ~ Sawdust

Manufactured by:



SEED PLANTER

High Density Planters - For planting leafy green produce



This **High Density Salad Seed Mechanical Planter** allows for planting rows as close as 1¼" apart. The polyurethane sponge horizontal feed rollers are easy to remove for unloading seeds and cleaning before changing seeds. Tandem toolbars with 32 soil openers are adjustable and removable if wider row widths are required. Four crank adjustment with planting depth gauges for precise raising and lowering of soil openers. Front and rear stainless steel rollers insure a smooth level bed top for mechanical harvesting. One of the many unique features is the positive ground drive. Thus the planter obtains equal seed distribution no matter what the speed of the tractor.



Seeding Distributors



Easy Disassembly of Rollers

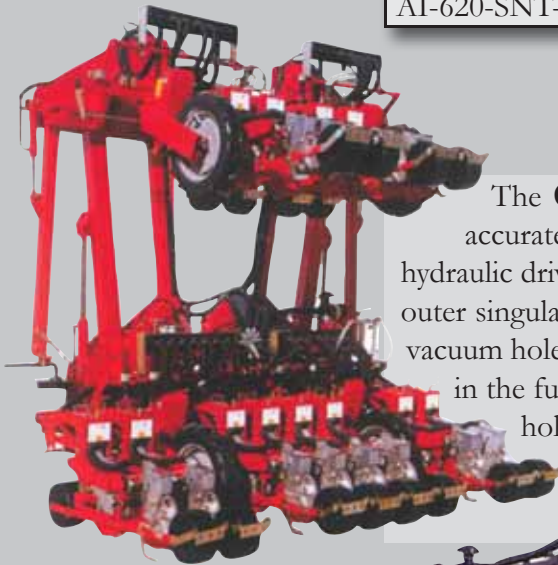


Easy Distributor Disassembly

Model No:	Description	Width	Depth	Wt.
AI-620-SNT-32	Salad Seed Planter - 32 Lines, 2" Spacing	6' - 2"	6'	1200#

Folding Planters - For 3 - 80" or 3 - 88" rows

SEED PLANTER



The **Gearmore Precision Vacuum Planters** are designed for extremely accurate vegetable seed placement. The P.T.O. driven turbine fan or optional hydraulic drive creates a vacuum that draws seeds against the seed plates. Inner and outer singulators remove doubles to insure that individual seeds are secured to the vacuum hole. At the seed release point, vacuum is cut off and the seed is deposited in the furrow. The air compressor then injects a short blast of air to insure the hole is clean for the next seed. Easy to operate and maintain, this durable precision planter efficiently handles the smallest of seeds either raw or coated.



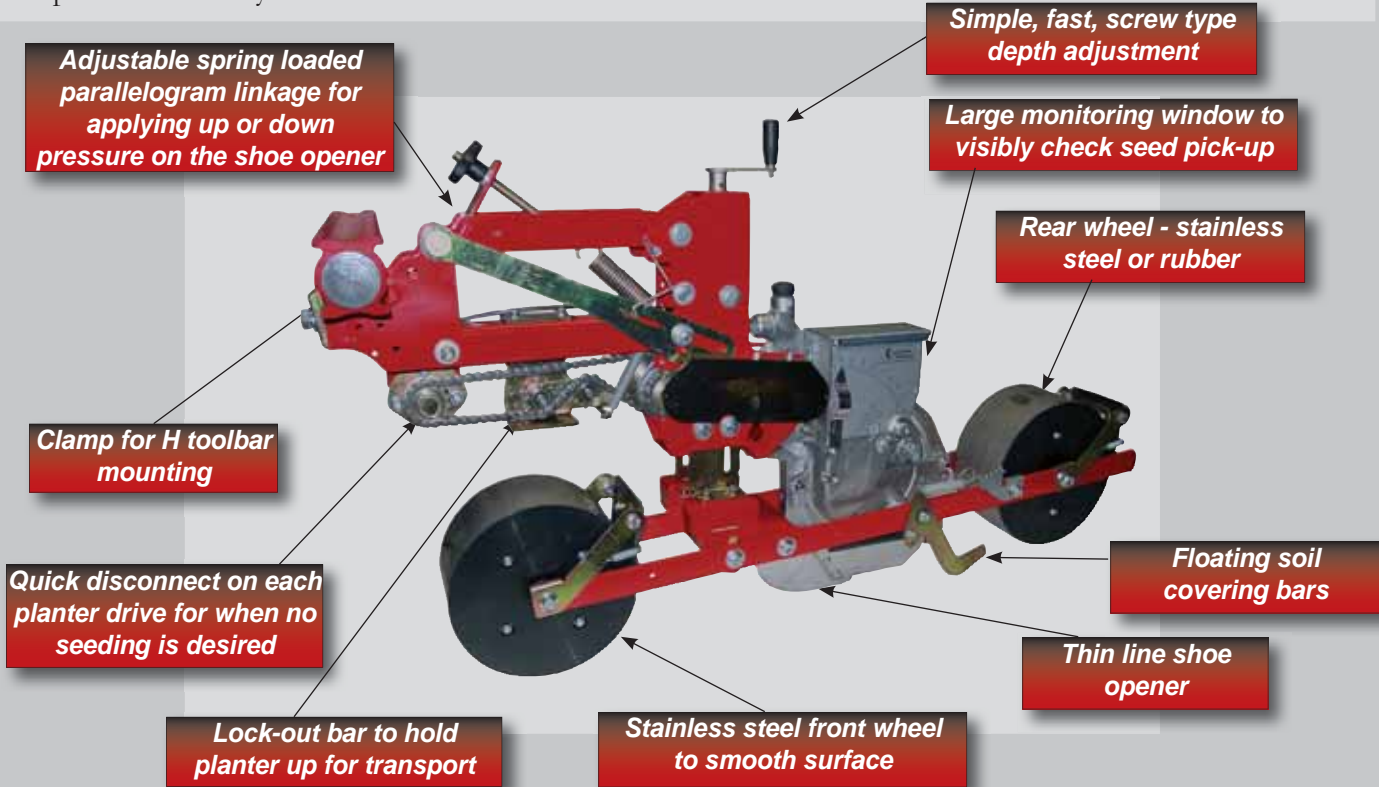
We design and assemble planters to your specifications

We custom build planting systems to growers individual requirements, see our website for details.



**STD. 8 ROW VEGETABLE
PLANTER SHOWN**

The *Gearmore Precision Vacuum Planters* are designed for extremely accurate vegetable seed placement. The P.T.O. driven turbine fan or optional hydraulic drive creates a vacuum that draws seeds against the seed plates. Inner and outer singulators remove doubles to insure that individual seeds are secured to the vacuum hole. At the seed release point, vacuum is cut off and the seed is deposited in the furrow. The air compressor then injects a short blast of air to insure the hole is clean for the next seed. Easy to operate and maintain, this durable precision planter efficiently handles the smallest of seeds either raw or coated.



BASKET RAKES

Generation 3 Basket Rakes -
Designed for heavy duty usage



**MODEL 2030G3-7 SHOWN WITH
 OPTIONAL GAUGE WHEELS**



Fluffy, Uniform Windrows



Rake in Transport Position

Twinstar Generation 3 Basket Rakes have 8 new outstanding features that improves the operation over the Generation 2 rakes. Twinstar Basket Rakes produce the cleanest hay on the market. Cleaner hay brings higher returns and provides the highest quality feed to ensure animals receive proper nutrients. Research has documented that basket raked hay contains significantly less contaminants (dirt, rocks, and debris) and has less leaf loss compared to traditional finger wheel and rotary rakes. Twinstar 7-Bar Rakes are available in 27' and 30' raking widths.

NEW VERSATILE TWINSTAR G3 FEATURES:

- Seven function electric/hydraulic valve and control box plus baskets on / off switch
- Independent raising & lowering of left / right baskets or together
- Faster raising and lowering of baskets
- Higher torque basket drive motors are standard equipment
- New time tested solid rubber gauge wheels
- Split hoses with JIC fittings at end of slide tubes for serviceability
- Improved double-shear angle cylinder mounts
- Transport light kit per ASABE / ANSIS279

Model No:	2027G3-7	2030G3-7
Maximum Raking Width:	Up to 27'	Up to 30'
Transport Width:	10' - 9"	10' - 9"
Overall Length:	19' - 5"	20' - 2"
Basket Reel Speed:	Maximum 90 RPM	Maximum 90 RPM
Rubber Mounted Tines:	Std: 154 per basket-Option: 224	Std: 175 per basket-Option: 259
Operating Speed:	Up to 10 MPH	Up to 10 MPH
Hydraulic Requirements:	12 GPM @ 2000 PSI Tractor with single hydraulic remotes	12 GPM @ 2000 PSI Tractor with single hydraulic remotes
Tire Size:	(4) LT235/75R15	(4) LT235/75R15
Approximate Weight:	5100#	5600#

Optional equipment includes: Front and rear gauge wheels (highly recommended), full tines (for heavier crop conditions), 2-5/16" ball hitch, basket angle stop kit, and walking beams.



Marketed by Gearmore, Inc.

These **Landscape Rakes** are ideal for general grooming, soil preparation, removing rocks, roots and debris, and spreading crushed rock or top soil. Five forward and reverse angle position for windrowing material. The reverse positions are great for pushing material into low spots.

We have three widths of rakes available for tractors 30 to 60 horsepower.

**MODEL LRU-7
RAKE SHOWN**



Features for LRU Series:

- Cat. I, A.S.A.E. quick hitch compatible
- For tractors up to 60 H.P.
- 5/16" x 1" x 15" High carbon steel teeth
- 1" Spacing between teeth
- Five forward and reverse angle settings
- Frame is made of 3/16" x 4" x 4" steel tubing

Optional equipment:

- ~ Dual caster gauge wheels
- ~ Teeth stiffeners



**Optional Dual Caster
Gauge Wheels**

Model No.	Width	Horsepower	No. of Teeth	Weight
LRU-6	72"	30 to 60 H.P.	36	240#
LRU-7	84"	30 to 60 H.P.	42	270#
LRU-8	96"	30 to 60 H.P.	48	300#

ROLLERS

Loose Ring Rollers



LRR SERIES



10' UNIT SHOWN

- Ductile iron roller rings - 16" diameter O.D., 12" I.D.
- Main tubing - 8" diameter schedule 40 pipe
- Roller shaft is 1 3/4" 4140 steel
- 1 3/4" Triple lip Seal Master greaseable pillow block bearings
- 4" x 4" x 1/4" Wall heavy duty main frame tubing
- Detachable tongue made of 4" x 4" x 1/4" wall tubing with swivel clevis hitch
- Tongue supports are 2" x 4" x 1/4" wall with two 2" x 4" cross braces
- Dual clevis brackets on cross braces for mounting tongue to transport (8 foot and wider units)

*Working widths available from 3 to 10 feet in one foot increments
Note: Add 8" to working widths to obtain overall widths.*

Our pull type **Ring Rollers** are excellent for breaking up clods and mulching the soil to a finer mix. Excellent for busting up crust caused by rain or irrigation. When attached behind discs and other implements it becomes a one pass implement, saving time and money. The narrow width ring rollers operated separately are excellent for finish mulching in vineyards, berries, etc. The larger width rollers feature mounting ears for tongue storage when transporting.

RIDGERS

*Adjustable Gangs -
Built for heavy duty use*



FEATURES:

- Cat. II, 3-point A.S.A.E. quick hitch
- 4" x 6" x 1/4" Wall x 8' long toolbar
- Gangs adjust for tilt and pitch
- Self aligning trunnion 1 1/2" bearings
- Available in 3 or 4 blade
- Blades on 9" centers with cast iron spacers
- Parking stand
- Optional mud scrapers

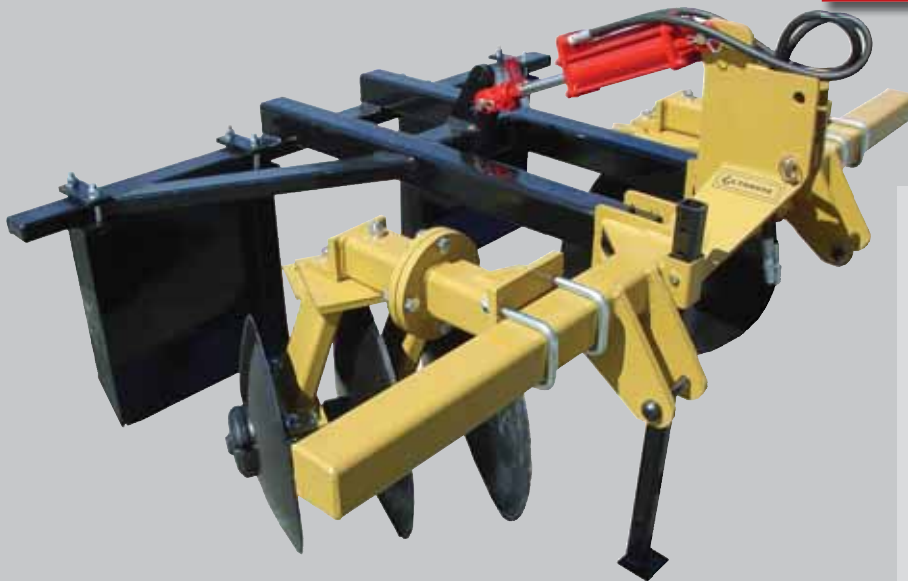
SPECIFICATIONS:

Model No.	Description	Required Horsepower	Weight
BE222-3	3 Blade Ridger with 22", 24", & 26" Blades	60 Minimum H.P.	1000#
BE422-4	4 Blade Ridger with 22", 24", 26", & 28" Blades	60 Minimum H.P.	1080#

NOTE: 3 and 4 gang ridgers are also available for mounting on 2 1/4" diamond toolbar

RIDGER BLOCKERS

*Complete With Ridger -
Built for heavy duty use*



FEATURES:

- Ridger specifications same as above
- Blocker frame - 4" x 6" x 1/4" wall
- Toolbars are 8 or 9 feet long
- Blocker width 24" with 3/8" x 4" replaceable plow steel edge
- 3 1/2" x 8" Depth control hydraulic cylinder with hoses

SPECIFICATIONS:

Model No.	Description	Required Horsepower	Weight
BE222-3B	Complete 3 Blade Ridger with Blockers	60 Minimum H.P.	1200#
BE422-4B	Complete 4 Blade Ridger with Blockers	60 Minimum H.P.	1280#

Single Shank - 3 Sizes available for 25, 50, & 75 HP tractors

RIPPERS

The **GR100** is for tractors up to 25 horsepower. These rippers are great for cutting narrow trenches for irrigation pipe. The optional 12" furrower shovel digs a smooth trench for water flow.

The **GR200** is for tractors up to 50 horsepower. This unit is recommended for breaking up compacted soil to increase root growth and yields.

The **GR300** is for tractors up to 75 horsepower and was designed for heavier duty use. Thus, the ripper can be used for high horsepower tractors. This ripper is recommended when deep ripping is required.



Model No:	H.P. Rating	Frame Tube Size	Shank Length	Shank Size	Hitch	Shear Bolt Protection	Optional 12" Furrower	Parking Stands	Weight
GR100	Up to 25	3" x 3"	19"	1" x 4"	Cat. I	Yes	Yes	No	85#
GR200	Up to 50	4" x 4"	22"	1" x 6"	Cat. I	Yes	No	Standard	100#
GR300	Up to 75	4" x 8"	27"	1" x 10"	Cat. II	Yes	No	Standard	240#

RIPPERS

Tractor Tire Track Rippers - Breaks up "hard pan" created by tractor tires

Tractors have to make many passes through vineyards and orchards. This creates hard pan under the tractor tires. From time to time, it is recommended to rip that area to aerate the soil for better water penetration to increase root growth. The spread width of the ripping shanks can be set to the tractor tire centers and this then shatters the soil over the compacted area up to 18" deep. These rippers have two 4" x 6" beams for added strength. Models available for all popular vineyard row spacings.

- Cat. I & II, 3-pt, ASAE quick hitch
- 2 - Adj. shanks for ripping soil up to 18" deep
- Adj. bolt-on shank brackets can be set for different tractor tire tread widths
- Shear bolt design, shanks swing up if hitting obstructions
- Shanks are made of 1" x 6 1/2" x 22" steel



- Main beam 4" x 6" x 1/4" wall tubing
- Replaceable high carbon, heat treated points
- Clevis type hitch bracket
- Parking stand

Option:

~ Hard faced shanks & points

Model No.	Description	For Row Widths	Beam Width	Adj. Shank Centers	Wt.
R2-55	3-Pt. Ripper	6' (72")	55"	38" to 48"	320#
R2-67	3-Pt. Ripper	7' (84")	67"	40" to 60"	350#
R2-72	3-Pt. Ripper	8' (96")	72"	48" to 66"	360#
R2-96	3-Pt. Ripper	10' (120")	96"	60" to 90"	390#

V-RIPPERS

*Cat. I - 30 to 50 Horsepower -
Narrow & wider widths for vineyards or farm use*



These **V-Rippers** come in narrow widths for vineyards and berries and wider widths for general farm use. The "V" design main beam and curved shanks reduce horsepower requirements. The deep ripping obtains excellent soil aeration, which allows greater water penetration and absorption. Also increases root growth and penetration. All this adds up to better crops and higher profits.

FEATURES:

- For ripping up to 18" deep
- Heavy 4" x 6" beam construction to insure long life
- 1" x 6" x 22" Shanks
- Shanks adjustable with shear bolt protection
- Replaceable high carbon, heat-treated points

SPECIFICATIONS:

Model No:	No. of Shanks	Beam Width	Weight
R3-50	3	50"	420#
R3-60	3	60"	435#
R3-70	3	70"	450#
R5-60	5	60"	550#
R5-70	5	70"	570#

V-RIPPERS

*Cat. II & III - 80 to 195 Horsepower -
Deep ripping aids in excellent soil aeration*

FEATURES:

- "V" design & curved shanks reduce horsepower requirements
- Fixed and adjustable shanks available
- Shear bolt protection
- Replaceable high carbon, heat-treated points
- Parking stands that store in frame
- Optional gauge wheels for VR7F only



SPECIFICATIONS:

Model No:	No. of Shanks	Hitch Category	Shank Size	Maximum Horsepower	Shank Spacing	Beam Size	Weight
VR3F	3	2	1" x 27"	80 H.P.	Fixed 30"	4" x 6" x 70"	675#
VR3	3	2	1" x 27"	80 H.P.	Adjustable	4" x 6" x 84"	715#
VR5F	5	2 & 3	1 ¼" x 34"	140 H.P.	Fixed 20"	6" x 8" x 90"	1300#
VR7F	7	2 & 3	1 ¼" x 34"	195 H.P.	Fixed 20"	6" x 8" x 130"	1525#

"GE" Series - For extreme duty sub soiling

RIPPERS

- Cat. 3 & 4N 3-point A.S.A.E. quick hitch
- Frame - 6" x 8" x 3/8" structural tubing
- "L" style shanks are 1 1/2" thick by 36" long
- 1" Thick "plow steel" lower hitch brackets
- Double dual steel wheels, 8" wide x 30" dia.
(Optional on 5 shank rippers)
- Chrome shin guards on shanks - replaceable
- Heavy duty chrome chisel points - replaceable
- 1 1/4" Grade 5 swing shank bolts
- 1 1/4" Grade 2 shear shank bolts

Options:

- ~ SW30 - Set of steel wheels for 5 shank ripper
- ~ WW16 - Set of dual 11L x 16 rubber tires for 5 shank ripper
- ~ WW16-7 - Set of dual 11L x 16 rubber tires in lieu of steel wheels for 7 shank ripper

MODEL GE36-24 SHOWN



Model No.	No. of Shanks	Shank Spacing	Frame Width	Weight
GE536-24	5	24"	8 Feet	3750#
GE536-30	5	30"	10 Feet	3910#
GE736-24	7	24"	12 Feet	4920#
GE736-30	7	30"	15 Feet	5050#

RIPPERS

"BE" Series - Pull type - heavy duty tongue



CAUTION - You must lower the rear parking stands and lock in place before uncoupling from the tractor.

- Heavy duty tongue assembly
- Frame made of 6" x 8" x 3/8" thick structural tubing
- "L" style shanks are 1 1/2" thick x 36" long
- Replaceable chrome shin guards on shanks
- 15.5L x 22.5 Tires
- 5" x 18" Hydraulic cylinders with depth stops
- Parking stands, front and rear
- Requires 45 horsepower per shank

Options:

- ~ Rear hitch



Model No.	No. of Shanks	Shank Spacing
BE5PRS36-30	5	30"
BE7PRS36-24	7	24"
BE7PRS36-30	7	30"
BE7PRS36-36	7	36"

Manufactured By:

BWI

mplement

RIPPING IMPLEMENTS

Heavy Duty "RS" Series V-Rippers - Deep and shallow ripping tools

**7 SHANK WITH OPTIONAL SINGLE GAUGE
WHEELS & PARABOLIC SHANKS SHOWN**



Model No.	Description	Width	Weight
RS-30HD	3 Shank V-Ripper	5' - 3"	1200#
RS-50HD	5 Shank V-Ripper	8' - 2"	2200#
RS-70HD	7 Shank V-Ripper	13' - 8"	2800#
RS-90HD	9 Shank V-Ripper	15' - 6"	3500#

The "V" design of the shanks are available in standard curved or parabolic style. Both types of deep ripping shanks obtain excellent soil aeration, which allows greater water penetration and absorption. Also increases root growth and penetration. The rippers are very effective for first pass soil preparation for easier discing and other finish tilling implements.

- V frame is constructed with 6" x 8" x 3/8" tubing
- Standard curved design shanks - 1 1/4" x 31" long
- Shanks also available 1 1/4" x 34" in standard and parabolic design
- Chrome shin guards and points
- Shank pockets are available as fixed or adjustable
- Horsepower required is 25 HP per shank
- Gauge wheels available as single or dual - 9.5L x 15
- Cat. II or 3, 3-point hitch (please specify)

- Cat. 3 & 4 narrow, 3-pt. quick hitch compatible
- Frame 5" x 5" x 3/8" wall steel tube
- 3 Shank beams on 36" center
- Beam cross braces 5" x 5" x 3/8" wall
- 4 Tubing braces to support top mast
- 1 1/4" x 30" Rigid plow steel shanks w/shear bolt
- Welded plow steel shank pockets
- Shanks are on 12" centers
- Single gauge wheels - 9.5L x 15

Options:

- ~ 3/4" x 15" Reversible spike points
- ~ Rear clevis hitch
- ~ Dual gauge wheels (in lieu of single)

Our 3 bar finishing *Ripper Chisel* is an effective implement for loosening soil up to 15 inches deep. The rigid shank design insures consistent depth. The narrow 12" shank spacing is excellent for breaking up and incorporating of residue. These ripping chisels are the perfect tool for opening up heavy soils for aeration. The shear bolt shanks allow for higher speeds than most tillage implements.

Manufactured By:

BWIimplement

RIPPING CHISELS

**"GRC" Series -
Loosens soil up to 15" deep**



**21' MODEL SHOWN WITH SINGLE GAUGE
WHEELS & OPTIONAL REAR HITCH & POINTS**

Model No.	No. of Shanks	Width	Weight
GRC-15	15	15 ft.	4450#
GRC-17	17	17 ft.	4750#
GRC-19	19	19 ft.	5050#
GRC-21	21	21 ft.	5350#

Other Widths Available Upon Request

"BSL" & "Econo" Series -
For tractors up to 30 & 40 horsepower

SCRAPERS, BOX

- For compact tractors up to 30 H.P.
- Clevis type hitch brackets
- Side plates are ¼" x 16" x 22"
- Main beam ¼" x 4" x 4" tubing
- Heat treated scarifier shanks w/replaceable points

Model No.	Cut. Width	No. of Shanks	Weight
BSL-42	42"	3	275#
BSL-48	48"	4	290#

- For tractors up to 40 H.P.
- Main beam - 3" x 5" tubing
- Heat treated shanks with replaceable points
- 3 Depth settings on scarifier shanks
- Side plates are ¼" x 16" x 24"

Model No.	Cut. Width	No. of Shanks	Weight
EC4	48"	4	285#
EC5	60"	5	330#
EC6	72"	6	375#

"BSL" SERIES

Cat. 1
A.S.A.E.
Quick Hitch
Compatible

Cat. 1
A.S.A.E.
Quick Hitch
Compatible

"ECONO" SERIES

TOP & TILT KITS

Valve & Bracket Assy. & Cylinders -
Makes box scrapers more versatile

To make box scrapers more versatile, nothing works better than being able to control the tilt and pitch of the implement. Grading jobs are more accurate because you have complete control to develop the slopes you require when landscaping, building roads, etc.

Valve & Bracket Assemblies

- Valves are available in 2 & 3 spool
- Valves handle flows from 15 to 17 GPM (10-13 GPM through the ports) @ 3000 PSI
- Brackets available for most popular models on Case, New Holland, John Deere and Kubota compact tractors
- Bracket assemblies consist of: rollbar clamp, adjustable arm with valve mounting and safety valve cover

Cylinders

- Special built-in oil flow restrictors which insure smooth operation
- Specially designed to fit your tractor
- Cylinders available in 2", 2 ½" & 3" bore, depending on the tractor size
- Cylinders can be purchased in any combination, top only, tilt only or both



Valve & Bracket Assembly



Top & Tilt Cylinders

SCRAPERS, BOX

"GBS" Series - Manual, mechanical & hydraulic shank retracting

**GBS SERIES
MANUAL SHANK**



FEATURES:

- Clean, modern design, all welded construction for added strength
- For tractors up to 40 H.P. - 4 wheel drive and 50 H.P. - 2 wheel drive
- 3 Types of shank adjustment to choose from: MANUAL, MECHANICAL and HYDRAULIC
- Category I, A.S.A.E. quick hitch
- No assembly required and no bolted A-frame that can come loose
- Available in 9 widths from 42 to 84 inches (Allows for matching tractor outside tire widths)

**GBS/R SERIES
RETRACTABLE SHANK**



**GBS/H SERIES
HYDRAULIC SHANK**



SPECIFICATIONS:

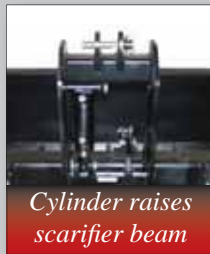
Cutting Width	Overall Width	No. of Shanks	Weights		
			GBS	GBS/R	GBS/H
42"	42 ½"	3	330#		
48"	48 ½"	4	355#	405#	405#
54"	54 ½"	4	395#	435#	435#
60"	60 ½"	5	440#	480#	480#
66"	66 ½"	5	490#	505#	505#
72"	72 ¾"	6	540#	575#	575#
76"	76 ¾"	6	560#	600#	600#
80"	80 ¾"	7	600#	630#	630#
84"	84 ¾"	7	620#	665#	670#

Industrial "2G" Series - For tractors 15 to 60 horsepower

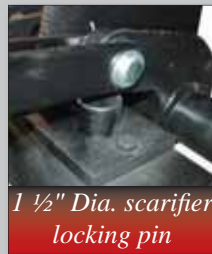
SCRAPERS, BOX

The **2G1 Series Scrapers** are designed especially for small compact tractors. Available in widths of 42", 48", 54" & 60" for tractors from 15 to 40 HP, 2 or 4 wheel drive.

The **2G2 Series Scrapers** are ideal for general landscape work such as: terracing, back-filling, scarifying and leveling the soil. Available in widths of 60", 66", 72", 76", & 84" for tractors from 30 to 60 HP, 2 or 4 wheel drive. Available in manual or hydraulic shanks. Now with bushings on 3-point hitch.



Cylinder raises scarifier beam



1 1/2" Dia. scarifier locking pin

FEATURES:

- Unique hydraulic scarifier system raises scarifier to high clearance position and lowers beam to working position plus automatically self-locks with heavy hardened pin
- Available in fixed or floating tailboard
- Two position, forged, heat-treated shanks with replaceable points
- 2 1/2" x 6" Reversible heat-treated cutting edges, front and rear
- Non-rotating pins or replaceable bushings at all pivot points
- Heavy plate top mast for added strength
- Cat. I clevis lower hitch brackets

Unique hydraulic scarifier system raises scarifier to high clearance position and lowers beam to working position plus automatically self-locks with heavy hardened pin

SPECIFICATIONS:

Series	2G1 Series				2G2 Series				
Model	2G1-42	2G1-48	2G1-54	2G1-60	2G2-60	2G2-66	2G2-72	2G2-76	2G2-84
Working Width:	42"	48"	54"	60"	60"	66"	72"	76"	84"
Overall Width:	42 1/2"	48 1/2"	54 1/2"	60 1/2"	60 3/4"	66 3/4"	72 3/4"	76 3/4"	84 3/4"
No. of Shanks:	4	4	5	5	5	6	7	7	7
Approx. Weight:	410#	445#	480#	520#	770#	830#	860#	890#	920#
Moldboard Ht:	18"				21"				
Main Beam:	1/4" x 4" x 4"				3/8" x 4" x 4"				
Side Plates:	1/4" x 18" x 28"				3/8" x 21" x 33"				

Available With Fixed or Floating Tailboard

SCRAPERS, BOX

Industrial "4G" Series - For tractors 50 to 100 horsepower

The **4G2 Series Scrapers** are designed to handle the demanding work of commercial landscaping and finish grading with its floating tailboard. Available in widths of 72", 76", 80" & 84" for tractors 50 to 70 HP, 2 or 4 wheel drive. Can be built to be A.S.A.E. quick hitch.

"4G4" SERIES



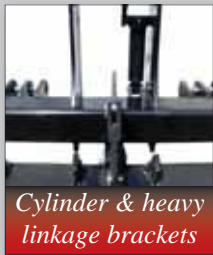
The **4G4 Series Scrapers** are extremely rugged and ideal for construction site clean-up, trench back-filling and demanding material handling. Available in widths of 80", 84" & 88" for tractors 60 to 100 HP, 2 or 4 wheel drive.

The **4G5 Series Scrapers** were developed for grading contractors with high horsepower tractors that demand floating tailboard scrapers. The scraper was designed with 4G4 strength, but the versatility of the floating tailboard. In float position, the cutting of hard material is much greater over fixed tailboard units. Available in widths of 80" & 84" for tractors 65 to 85 HP, 2 or 4 wheel drive.

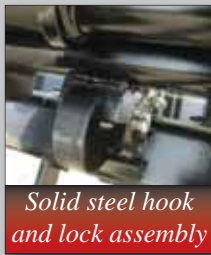
"4G2" SERIES



"4G5" SERIES



Cylinder & heavy linkage brackets



Solid steel hook and lock assembly



Top mast wraps around 3 sides

FEATURES:

- 2 ½" Cylinders in lieu of 3"
- Floating and fixed tailboard models
- 2 Position, forged, heat-treated shanks w/replaceable points
- Main beam ¾" x 5" x 5" tubing
- Moldboard height of 24"
- Non-rotating pins or replaceable bushings at all pivot points

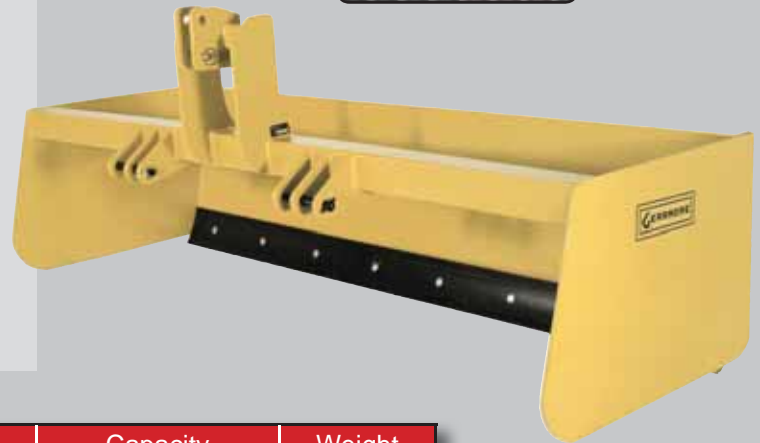
SPECIFICATIONS:

Series	4G2 Series				4G4 Series			4G5 Series	
Models	4G2-72	4G2-76	4G2-80	4G2-84	4G4-80	4G4-84	4G4-88	4G5-80	4G5-84
Working Width:	72"	76"	80"	84"	80"	84"	88"	80"	84"
Overall Width:	73"	77"	81"	85"	81"	85"	89"	81"	85"
Approx. Weight:	1150#	1190#	1220#	1260#	1340#	1400#	1470#	1350#	1410#
Side Plates:	½" x 24" x 32"				½" x 24" x 35"			½" x 24" x 35"	
HP Rating:	50 to 70 H.P.				60 to 100 H.P.			65 to 85 H.P.	

FEATURES:

- Designed to move a lot of material fast
- Combination Cat. I and II clevis hitch
- Square tube main beam 4" x 4" x 1/4"
- Rear moldboard 1/4" thick
- Heavy duty, large capacity, all welded construction
- Features 24" high x 36" deep x 3/8" thick side plates
- Combination Cat. I and II clevis hitch
- Stepped, non-turning, combination Cat. I & II lower link pins

"CS" SERIES



SPECIFICATIONS:

Model No.	Width of Cut	Capacity	Weight
CS72	72"	36 cu. ft.	660#
CS84	84"	42 cu. ft.	700#
CS96	96"	48 cu. ft.	740#
CS120	120"	60 cu. ft.	800#
1/2" x 6" Single reversible high-carbon cutting edge			

SCRAPERS, DRAG

Compact Drag Scrapers -
Makes turns loaded and unloaded

FEATURES:

- Extremely versatile-countless jobs can be done all year round. Level ditches, clean sheds and pens, repair roads, spread gravel, general earth-moving
- Hydraulically operated and controlled from your tractor seat
- Now with removable tongue
- Highly maneuverable - makes turns loaded and unloaded
- Cutting edges are 1/2" x 6" high carbon and reversible
- Scrapers come standard with tires, cylinder, and hoses
- Clevis type hitch

"CD" SERIES



Specifications:	
Working Width:	5, 6, and 7 Foot
Moldboard:	1/4" x 18"
Side Plates:	3/8" x 18" x 24"
Tongue:	Removable 3/16" x 3" x 3"
Tires:	Equipped with (2) 5.70-8 Tires
Hydraulics:	2" x 6" Double acting cylinder & hoses
Clearance:	Raised: 12" - Cuts: 3" Below grade
Approx. HP:	25 to 50 Horsepower
Capacity:	(5') - 7/16 cu. yd., (6') - 1/2 cu. yd., (7') 5/8 cu. yd.
Weight:	(5') - 500#, (6') - 550#, (7') - 600#

Option:

- ~ Tilt axle assembly

SCRAPERS, DRAG

All Purpose Drag Scraper - The easy way to carry, grade & spread material



MODEL AP10
SHOWN WITH OPTIONAL
DUAL WHEELS & TILT

- For tractors 70 to 120 horsepower
- Working widths of 8, 10, & 12 foot
- 3/8" x 24" x 36" Deep side plate
- Clearance of 23" raised and 5" below grade
- Hydraulically operated from the tractor seat
- Moldboard 1/4" plate, 24" high
- Main cross beam 4" x 4" tubing
- 3" x 8" Double acting cylinder and hoses
- Ribbed implement tires - 9.5L - 15SL
- Bolt-on hitch with swivel ball

Our **Drag Scrapers** are an excellent implement for carrying and spreading all types of material. Landscapers find the scrapers great for general grading and spreading exact depths of top soil. Contractors set the cutting edge to spread different depths of gravel for rebuilding roads and storage yards. Dairy men find the scrapers best for moving you know what. The Drag Scrapers feature a removable 4" x 4" beam tongue that extends to the rear moldboard and is held in place by a 5" x 5" heavy gusseted tube. This feature gives added strength at the point of the most stress.

Options:

- ~ Tilt Axle w/cylinder & hoses,
- ~ Dual Wheels
- ~ Bolt-on Weight Boxes

Model No.	Width	Capacity	Weight
AP8	8'	1 3/4 cu. yd.	1360#
AP10	10'	2 1/4 cu. yd.	1450#
AP12	12'	3 cu. yd.	1560#



MODEL HC10
SHOWN

The "**HC**" **High Capacity Series of Drag Scrapers** feature heavy, large side plates - 1/2" thick. These side plates are 30" high by 40" deep, thus allowing for dragging and depositing large amounts of material. Like the "AP" series, the beam tongue extends to the rear moldboard and is held in place by a 5" x 5" heavy gusseted tube. The new axle assembly is built with 4" x 2" tubing. The larger dairies and feedlots find these scrapers best for their operations.

Model No.	Width	Capacity	Weight
HC8	8'	2 1/2 cu. yd.	1450#
HC10	10'	3 1/4 cu. yd.	1630#
HC12	12'	3 3/4 cu. yd.	1840#

SCRAPERS, DRAG

High Capacity Drag Scrapers - Drag and deposit large amounts of material

- For tractors 70 to 120 horsepower
- Working widths of 8, 10, & 12 foot
- 1/2" x 30" x 40" Deep side plates
- Clearance of 23" raised and 5" below grade
- Hydraulically operated from the tractor seat
- Moldboard 1/4" plate, 30" high
- Internal braces to side plates and moldboard
- Main cross beam 4" x 4" tubing
- 3" x 8" Double acting cylinder and hoses
- Ribbed implement tires - 9.5L x 15
- Bolt-on swivel slotted hitch

Options:

- ~ Tilt Axle w/cylinder & hoses
- ~ Dual Wheels
- ~ Bolt-on Weight Boxes

Compact & Industrial Series -
Best implements for repairing & maintaining roads

SCRAPERS, GRADING

The **Gearmore Grading Scrapers** were designed to perform many different tasks, such as: landscaping, road repair, arena maintenance, etc. Many unique features enable the operator to do a number of different tasks, no matter what the soil conditions.

General Landscaping - The deep ripping scarifier shanks will break-up the hardest of soils. Dual cutting blade will allow for the movement of large amounts of material when required. To finish grade, set the shanks in the storage position and lightly grade, to finish your landscaping project.

Repairing Roads - The dual blade flow through action cuts out high spots, fills holes and moves material from the edge of the road toward the center, thus achieving a smooth finished road.

- Quick hitch compatible
- For tractors from 20 to 80 horsepower
- Heavy steel tubing main front beam
- Heavy steel tubing rear support beam
- Heat treated scarifier shanks with replaceable points
- Shanks adjust to ripping & storage positions
- Two 1/2" x 6" heat treated reversible beveled cutting edges
- Easy to adjust cutting edges with settings of 1 to 1 1/2" below side panels (preset at 1/4")
- Formed side panels capture and retain material
- 1/4" x 2" Replaceable skid plates on side panels



COMPACT 5'
SHOWN

A.S.A.E.
 Quick
 Hitch
 Compatible



NOW AVAILABLE
LESS SHANKS



INDUSTRIAL 8'
SHOWN

SPECIFICATIONS:

Model No.	Hitch Type	Cutting Width	Overall Width	Min. H.P.	Main Beam	Weight
GS4	Cat. I	48"	52"	20 H.P.	3" x 3"	415#
GS5	Cat. I	60"	64"	25 H.P.	3" x 3"	450#
GS6	Cat. I	72"	76"	30 H.P.	3" x 3"	505#
GSI7-SS	Skid Steer	84"	89"	45 H.P.	5" x 5"	820#
GSI7	Cat. I & II	84"	89"	45 H.P.	5" x 5"	830#
GSI8	Cat. II	96"	101"	50 H.P.	5" x 5"	860#
GSI10	Cat. II	120"	125"	70 H.P.	5" x 5"	1020#
GSI12	Cat. II	144"	149"	80 H.P.	5" x 5"	1140#

SCRAPERS, GRADING

Optional Laser System Available -
Skid steer, track loader & 3-point tractor mount



**MODEL SC60 COMPACT SCRAPER
SHOWN WITH OPTIONAL DRAWBAR HITCH**

The compact series of *Grading Scrapers* are available in 3-point hitch for tractor mount or towable for utility or all terrain vehicles. Horsepower requirements are approximately 20 H.P. The scraper is available with hydraulic or electronic liner actuator compatible with most laser systems. Optional drawbar hitch available. The scraper is available with linear electronic or hydraulic and without laser grading system.

Features for SC & PL Series Scrapers

- Rugged casters w/wheel hubs and tapered roller bearings
- Wide, flat free tires eliminates tire repair and leaves less tire track
- High carbon steel replaceable cutting edges on moldboard and side plates
- Tough, long-lasting, powder coated paint reduces rust/corrosion

Model	Box Size	H.P.	Capacity	Wt.
SC48	48"	20 H.P.	4.1	345#
SC60	60"	20 H.P.	5.1	395#



**PARA-LEVEL 7' SCRAPER WITH
OPTIONAL LASER SYSTEM SHOWN**

These Scrapers are usually sold with the optional laser grading system, as it allows the scrapers to finish grade elevations to within 1/4 inch. The top of the line *Para Level Scraper* is the smoothest operating system, as the grading box adjusts independently from the skid steer and the flotation wheels. The double box on the Para-Level also allows grading in forward and reverse. These high strength scrapers are designed to give years of trouble free use. Hydraulic packages are designed to fit most popular laser systems.

- Composite epoxy - fiberglass bushings in all pivot points eliminates the need for greasing
- Durable steel construction of 3/8" & 1/4" steel plate & heavy wall steel tubing to take daily abuse on a job site

Model	Box Size	H.P.*	Box Capacity		Wt.
			Front	Rear	
Skid Steer Para-Level Grading Box, Dbl					
PL/PD72	6'	60 +	11.5 cu. ft.	7 cu. ft.	1530#
PL/PD84	7'	70 +	13.4 cu. ft.	8 cu. ft.	1590#
PL/PD96	8'	80 +	15.3 cu. ft.	9 cu. ft.	1650#

* Recommended horsepower under optimal conditions.
Custom sizes available.

Optional Laser Scraper Models - Para-Level Dual Slope includes Slope-Tach for cross-slope operation.

Standard or Super Capacity -
With controls & beacons for laser systems

SCRAPERS, GRADING

These two series of 3-point hitch **Grading Scrapers** are available in standard or super capacity. The standard capacity scrapers are available in Cat. I & II and can be operated with tractors as low as 30 PTO horsepower. The super capacity scrapers are Cat. II only and can be operated with tractors as low as 60 PTO horsepower. Both series of scrapers are available with or without laser grading system.

Same features as Para-Level plus:

- 4 Flotation tires on super capacity scraper
- Optional drawbar hitch, scarifier bar, and rear hinged cutting edge - standard capacity only

Model No.	Box Size	PTO H.P.	Box Capacity	Wt.
Standard Capacity Tractor Grading Box				
TS72	6'	30 to 42 H.P.	17.0 cu. ft.	1060#
TS84	7'	35 to 49 H.P.	19.9 cu. ft.	1120#
TS96	8'	40 to 56 H.P.	22.8 cu. ft.	1180#
Super Capacity Tractor Grading Box				
LBSE8	8'	70 to 90 H.P.	37.5 cu. ft.	1750#
LBSE9	9'	80 to 100 H.P.	42.3 cu. ft.	1835#
<i>Optional Laser Scraper Models - Double Box Scraper includes cross-slope operation</i>				



Laser Systems

Laser Mounted Grading Systems were designed to replace the traditional three person grading crew with a single operator. The units will finish grade elevations to within 1/4 inch. The laser controls are easy to learn and use. As the operator grades, the system's receiver detects laser light from the rotating beacon and transmits a signal to the scraper hydraulic controls. The hydraulic valve uses the signal from the receiver and automatically lowers or raises the grading box to the required grade. Precise finish grade is attained when the "on grade" light remains illuminated.

To make grading scrapers into laser grading scraper 3 components are required:

1. Hydraulic System
2. Laser System
3. Tripod Mounted Rotating Laser Beacon

1. HYDRAULIC PACKAGE

Consists of digitally proportional valve, hoses, fittings, & hardware for the following laser systems:

- Apache - Trimble, Topcon, MEI/AGL

2. LASER CONTROLS

The controls consist of control panel, 360° sensor, cables, and manual override.

- Apache - Trimble, MEI/AGL

3. ROTATING LASER BEACONS

The tripod mounted rotating laser beacons are either single slope or dual slope.

ROTATING LASER BEACONS

- Tripod mounted rotating laser beacons provide either single or dual/cross slope features
- Automatic or manual programming with remote
- Self leveling and H.I. Alert
- 1,000 to 3600 Foot diameter range
- Tripod, Grade Rod, and Detectors suitably matched to application



By:



Manufactured By:



Brush Cutters



- Available in 60", 72" & 78" widths
- High speed dual blades for brush up to 4" diameter
- Heavy 1/4" thick steel deck with formed side plates
- Available in standard or high flow
- New heavy duty motor and drive train

Root Rake



- Dual use - rip out roots and grapple material
- Widths of 72", 78" & 84"
- 49" Grapple opening
- Dual hydraulic cylinders
- Built for extreme duty use

Trencher



- Available in digging depths of 36", 42" & 48"
- Trench digging widths of 6", 8" & 10"
- Equipped w/2 position side shift
- High torque hydraulic motor for maximum digging power
- Replaceable headshaft driven auger for spoil removal

Brush Shredder



- 72" Cutting width
- Front of deck swings up for cutting down trees
- Knocks down and shreds trees up to 7" in diameter
- 4 Reversible 3/4" thick blades
- Optional carbide teeth stump grinder

Cold Planer



- High flow and standard flow models are available
- Planing widths of 12", 16", 18", 24", 30" & 40"
- Fully adjustable with electro-hydraulic controls
- Joystick controls for depth, tilt, and side shift
- Drum diameters of 19" & 22" with carbide picks

Backhoe



- Available in digging depths of 8 1/2' thru 12'
- Bucket sizes of 12", 16", 18", 20", 24" & 36"
- Dual cylinder swing provides max. power where needed
- Cushioned swing brings backhoe to gentle stop
- Operates with hydraulic systems of 9 to 12 G.P.M.

Manufactured By:



PALADIN LIGHT CONSTRUCTION

Dozer Blade



- Available in widths of 84" and 96"
- Rated for tractors up to 110 H.P.
- Electro hydraulic controlled angle and tilt
- Heavy moldboard - .31" thick and 28" high
- Replaceable cutting edge and skid shoes

Mulcher



- 60" Cutting width
- Shreds up to 8" diameter trees
- Hydraulic deflector door
- 45 Hammers with carbide teeth
- Hydraulic flow of 30 to 60 G.P.M.

QA Grapple Buckets



"Closed Bottom"

- 2 Series of buckets in widths - 60", 66", 72", 76", 82", & 88"
- For machine weights of 8,000 and 11,000 lbs.
- Patented cushioned and sleeved cylinder
- Steel guards to protect cylinders
- Load check valve system

**Quick Attach Grapple
Brush Buckets**



"Skeleton Bottom"

- 2 Series of buckets in widths of 66", 72", 78", 84", & 90"
- For machine weights of 6,500# & 9,500#
- Patented cushioned & sleeved cylinder
- 100,000 PSI yield strength tine material
- Load check valve system

**Quick Attach Low Profile
Material Buckets**



- Widths - 60", 66", 72", 78" & 84"
- Std. 30" length for more severe conditions when break out force is required
- Long length floor - 36" for better visibility, productivity, & cutting grade
- Strong box sections & full wear strips for better bottom protection
- Designed w/20° rollback angle

**JAWZ™ Grabbing
Tool**



- Sizes to fit skid steers, compact tool carrier & compact tractors w/quick attach
- Dual cylinders power steel jaws
- Mini - Jawz max. lifting wt. 2340#, jaw opening 26"
- Standard - Jawz max. lifting wt. 3000#, jaw opening 33"
- Allows for grabbing & lifting all types of material

SPRAYERS *Spot, ATV, Utility, Skid, Trailer, 3-Point - Sprayers from 15 to 110 gallon capacity*



Spot Series 15, 25 & 40 Gallon

- Corrosion resistant polyethylene tank
- Full length drain sump
- 5" Fill lid with tether
- Larger hose wrap horns for hose storage
- Both gallon & liter fluid volume indicator on tank
- 12 Volt (demand) diaphragm pump
- Maximum horizontal throw - 30 ft.
- Maximum vertical throw - 18 ft.
- Ready for Roundup

Model	Gallons	G.P.M.	PSI	Handgun	Hose	Nozzles	Coverage	Wt.
LG-13-P	15 Gal.	2.1 GPM	60 PSI	Lever	15'	-	-	30#
LG-29-P	25 Gal.	2.1 GPM	60 PSI	Lever	15'	-	-	35#
LG-40-SS	40 Gal.	3.8 GPM	45 PSI	Pistol Grip	25'	-	-	90#
UTL-40-5	40 Gal.	2.1 GPM	60 PSI	Pistol Grip	25'	5	100"	170#

Trailer & Boom, 25 Gal.

- Corrosion resistant polyethylene tank
- 12 Volt (demand) diaphragm pump
- Adjustable pressure and gauge
- Larger hose wrap horns for hose storage
- Both gallon & liter fluid volume indicator on tank
- Full length drain sump
- 5" Fill lid with tether
- Ready for Roundup



LG-2500-303

Model	Gallons	G.P.M.	PSI	Handgun	Hose	Nozzles	Coverage	Wt.
LG-2500-303	25 Gal.	2.1 GPM	60 PSI	Lever	15'	2	80"	70#

LG 3-Pt. Series 55 & 110 Gal. Cap.

- High quality polyethylene tanks
- Cat. I, 3-point hitch
- Pressure gauge and relief valve
- 3-Way boom control valve on 110 gallon
- Standard or XL Silvercast pumps
- Optional 21' & 28' booms for 110 gallon
- Quick coupler adapter to PTO connection
- Optional handgun and hose kit
- BK-70A standard on LG55

Model	Gallons	G.P.M.	PSI	Pump	Wt.
LG-55-3PT	55 Gal.	9.76 GPM	300 PSI	Cast Iron or Silvercast	180#
LG-110-3PT	110 Gal.	9.76 GPM	300 PSI	Cast Iron or Silvercast	190#

Spray Booms	Spray Width	Boom Type	Nozzle Type	No. of Nozzles	Nozzle Spacing	Wt.
BK-70A	140"	Folding	Fan	7	20"	20#
257-6	21'	Folding	Fan	13	20"	82#
257-8	28'	Folding	Fan	17	20"	96#



LG-110-3PT



LG-55-3PT

Our 40 gallon **3-Point Sprayer** applies pesticides, herbicides, insecticides or fungicides. The sprayer attaches in minutes to a Category I, 3-point hitch. The sprayer is equipped with a 4 nozzle spray boom allowing 120" of spray coverage. The 3 section boom features break-away hinges for transport or striking objects such as trees, while spraying.

FEATURES:

- 12 Volt High-Flo pump; 2.1 GPM, 60 P.S.I.
- Break-away hinges on boom
- Fold behind 3 section boom
- Deluxe pistol grip handgun
- 15 Feet of hose



LG-40-3PT-12V



SPRAYERS

50 Gallon Trailer -
3-Point and trailer models



"ET" SERIES

FEATURES:

- 50 Gallon polyethylene tanks with sump, hatch cover and strainer screen
- Diaphragm piston pump
- Honda or Briggs & Stratton pump
- Steel frame with zinc plating to prevent rust
- Optional 5 and 10 foot booms and handgun with 25 feet of hose

These high quality **Trailer Mounted Sprayers** feature a special diaphragm pump which produces 5.3 G.P.M., with pressures up to 275 P.S.I. The sprayers are available with 2.2 horsepower Honda or 3 horsepower Briggs & Stratton engine. Other features of the sprayer are jet agitation, adjustable valve control, line strainer, pressure gauge and zinc plated frame.

SPRAYERS *Two Sprayer Series - Economy and deluxe*

You will achieve total versatility and economical performance from our two series of **3-Point Hitch Sprayers**. The rear rails on both series allows for easy mounting of a number of bolt-on attachments such as a vertical boom, horizontal booms, hose reels, and handguns. The sprayers feature reinforced polyethylene tanks suspended from a tubular steel frame to isolate the tanks. Also featured are piston diaphragm pumps and a hand wash tank for convenience and safety.



"GC" SERIES

150 GALLON SHOWN WITH FOLDING BOOM

SPECIFICATIONS:

Model No.	Tank Capacity	Pump GPM / PSI	Width	Height	Depth	Wt.
GC400	100 Gal.	11 / 580	44"	44"	36"	190#
GC600	150 Gal.	11 / 580	44"	48"	36"	225#

FEATURES:

- Category I, 3-point hitch
- Polyethylene tanks with liquid level gauge
- Tank capacities of 100 & 150 gallon
- Three piston diaphragm pumps produce up to 11 G.P.M. at 580 PSI
- Pressure regulator valve and gauge
- Large suction filter
- High pressure jet agitation
- Separate clean water tank for safety
- Rear mounted rails for mounting booms



"GDL" SERIES

FEATURES:

- Category I, 3-point hitch on 50 gallon, Category I & II hitch on 100, 150, and 200 gallon
- Tanks are made of reinforced polyethylene with smooth lines that are gentle to plants
- High pressure 3 piston diaphragm pump
- Pressure regulator valve with manual controls
- Clean water 12 gallon tank for flushing chemical residue, 6 gallon on 50 gallon sprayer
- High pressure jet agitation
- Clean water 4 gallon tank for hand washing

SPECIFICATIONS:

Model No.	Tank Capacity	Pump GPM / PSI	Width	Height	Depth	Wt.
GDL200	50 Gallon	11 / 580	38"	38"	20"	325#
GDL400	100 Gallon	14 / 580	48"	45"	30"	350#
GDL600	150 Gallon	14 / 580	48"	52"	30"	400#
GDL800	200 Gallon	14 / 580	61"	55"	39"	425#

Boom / Handgun - High pressure pump for handgun & boom spraying

SPRAYERS

The **200 Gallon Sprayer** has a high volume and high pressure pump, best for multiple handgun use and with new 20 and 28 foot booms. The simple design makes the sprayer easy to use. Recessed pump location allows close coupling to tractor and reduces angle of driveshaft. Tank is suspended from a heavy tubular frame to isolate it from vibration and stress. All these features, plus many more, add up to high value sprayers.

- Fiberglass tank with hatch and strainer basket
- Mechanical agitation with stainless steel propeller and shaft
- Diaphragm pump produces 23 GPM @ 780 PSI
- Cat. I or II, 3-pt. hitch 540 R.P.M., PTO driven
- Sight gauges in tank and tubing
- Controls are reachable from tractor seat allowing operator to switch liquid from off to right or left spraying

Model No.	Tank Capacity	Pump Type	Pump GPM	Pump Pressure	Wt.
GN200D-23	200 Gal.	Diaphragm	23	780 PSI	450#



**MODEL GN200D-23
WITH 28' BOOM**

SPRAYERS

All Purpose Trailer / Skid - With low profile polyethylene tank

- Available in trailer or skid mount
- 8 H.P. Honda engine
- Reinforced polyethylene tank w/2 hatches
- Screw type, pin away tongue jack
- 3 Piston diaphragm pump, produces 14 GPM at maximum pressure
- Pressure regulator w/manual controls reachable from seat
- Trailer tire size is 20 x 10.00- 6 ply
- Unique rear rail system for mounting many spraying attachments
- Available options:
 - ~ Horizontal Booms
 - ~ Row Line Booms
 - ~ Hose/Reel/Handgun



Our sprayers offer the latest design in an **All Purpose Sprayer**. The low profile polyethylene tank has a full length stainless steel agitation system and a large hatch with shower head to easily put wettable powder into suspension. An additional water filling hatch is included to keep chemicals from being splashed while filling. The sprayer can be used as a horizontal boom, row line boom, and/or hose/reel/handgun sprayer. The applications for these sprayers are endless - municipalities, golf courses, nurseries, farms, ranches, etc.

Model No.	Type	Width	Length	Height	Wt.
GPE800	Trailer	54"	102"	48"	490#
GSE800	Skid	35"	80"	36"	360#



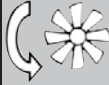



SPRAYERS, AIR BLAST

Value & Standard Series - For effective chemical spraying



Our **Value Series Air Blast Sprayers** have outstanding features such as: reinforced smooth lines polyethylene tanks; hot galvanized frame and fan housing to prevent rust; top of the line smooth running 3 piston diaphragm pumps; high speed fans with adjustable blades; gearbox with neutral for handgun and boom operations; built-in fan deflectors to direct the spray where required. The sprayers even have a separate safety fresh water tank for handwashing.







- Cat. I, 3-point hitch
- Tanks made of reinforced polyethylene with smooth lines - gentle to plants
- 3 Piston diaphragm pump 14 GPM, maximum pressure 580 PSI
- One speed gearbox with neutral for handgun and boom operations
- Stainless steel nozzle manifold
- High pressure jet agitation
- Adjustable top and bottom wings to direct air and spray only to the foliage
- Clean water 4 gallon tank for hand washing

						LBS.
Model - Gal.	Inch	R.P.M.	C.F.M.	No.	HP	Wt.
APL-G200-50	24"	2100	19,200	8	20 HP	300#
APL-G400-100	24"	2100	19,200	8	25 HP	375#

Our **Standard Series Air Blast Sprayers** are ideal for small to medium size vineyards, orchards, berries, etc. The sprayers feature reinforced polyethylene tanks with smooth lines that are gentle to the plants. The tanks are suspended from heavy duty tubular steel frames to isolate it from vibration and stress. The gearboxes have a neutral position which shuts off the fan during handgun or boom work. The sprayers are easy to operate and have all the features required for easy maintenance and long life.

- Cat. I & II, 3-point hitch
- 3 Diaphragm piston pump, 14 GPM @ 580 P.S.I.
- One speed gearbox with neutral
- High pressure jet agitation
- Stainless steel manifolds with anti-drip nozzles
- Clean water 12 gallon tank for flushing chemical residue,
- Clean water 4 gallon tank for hand washing



						LBS.
Model - Gal.	Inch	R.P.M.	C.F.M.	No.	HP	Wt.
APL400 - 100 Gal.	28"	2100	25,000	10	30 - 40	500#
APL600 - 150 Gal.	28"	2100	25,000	10	40 - 50	550#

The **Turbomist Sprayers** are unique in their design and performance. The high speed turbine fan compresses the air so that the liquid spray nozzles will produce fine micron droplets to insure complete foliage coverage. Also, the adjustable air/liquid delivery manifolds pivot so growers can make sure that the liquid is directed at the entire foliage thus greatly reducing drift and wasted chemicals.

The special tank cradling saddle system allows the frame to move independently of the tank and therefore greatly extends the life of tanks. The Turbomist sprayers will deliver everything you asked for in a sprayer and more.



How is a Turbomist different from its competitors?

- Unique high volume, low speed air that fills the canopy and allows the chemical to wrap around, rather than blow on through to fall between the rows.
- Patented Turbomist adjustable air delivery system allows you to aim at the target only, putting all your resources where needed.
- Air shear water droplet size: more than 50% of our water droplets are 90 microns or smaller, achieved with a ceramic tip teejet nozzle, and all the benefits of an air blast speed sprayer to fight the wind.
- No sand blasting in grapes or soft fruit, air intake is from the front of the turbine and a skid pan eliminates that problem completely.
- Air quality of our patented turbine compresses the air and guarantees even distribution through both outlets, either from an orchard head, or quick change low drift tower. The single biggest difference is our axial flow turbine which results in that even distribution to both sides.

FEATURES:

- Available in 400, 500, & 600 gallon stainless steel tanks
- Mechanical agitation with stainless steel shafts and propellers
- High speed turbine fans in 30 & 38 inch diameters
- Unique pivotable air delivery liquid adjusts to obtain maximum foliage coverage
- 12 Inch deep stainless steel mixing basket

- Two speed gearbox with neutral
- Heavy tubing steel trailer frame with built in tank saddle system and clevis hitch
- Tubing axles with large tire selection

OPTIONS:

- ~ Unique turbosteer short turning hitches
- ~ Citrus and grape stainless steel towers

**Represented by
Gearmore**



SPRAYERS

Venturi Air, 3-Point Hitch Models - Popular models operate on tractors as low as 18 PTO H.P.

**MODEL No. P42N1-300-G
NARROW ROW BERRY SPRAYER
w/12 NOZZLE DISTRIBUTION HEAD**



These *Venturi Air Sprayers* feature the 8 nozzle distribution head for vineyard rows up to 10 foot width.



These unique *Venturi Air Sprayers* feature the latest technology in concentrate spraying. Thus, growers achieve the following benefits: spray atomization of droplets are smaller and more uniform, less fill-ups, even distribution of concentrated spray, complete foliage coverage, better product utilization, less chemical waste and soil/water contamination. All Venturi Air Sprayers shown on the following pages have these same advantages.

FEATURES:

- Cat. I, 3-point hitch, P.T.O. 540 RPM
- High performance, precision balanced all steel centrifugal fan
- Translucent heavy walled polyethylene tank with lid, sump and strainer basket
- Compact, rounded tank design permits traveling through vegetation without damaging it
- Simple, efficient "Dial-A-Rate", 15 position metering disc
- Agitation by liquid sparging tube and air from the fan
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Power band fan speed-up is automatically adjusted by spring loaded idler
- Broad range of Venturi distribution heads that produce 50 micron droplets and are specially designed to match a variety of foliage profiles
- Capable of application rates of 20 to 200 gallons per acre, depending on row width
- Built-in 6 gallon fresh water safety tank

SPECIFICATIONS:

Model No.	Gallons	Volume of Air	Width	H.P. Required	Wt.
P42N1-300-G	75 Gallons	2350 C.F.M.	38"	18 H.P.	430#
P42N1-400-G	100 Gallons	2350 C.F.M.	44"	18 H.P.	450#
P45N1-400-G	100 Gallons	3180 C.F.M.	44"	32 H.P.	455#

*Spraying Time Is Cut In Half -
Sprays two complete rows in one pass*

SPRAYERS



FEATURES:

- Cat. I & II, 3-point hitch, P.T.O. 540 RPM
- High performance, precision balanced all steel centrifugal fan
- Special molded polyethylene fan housing
- Translucent heavy walled polyethylene tank with lid, sump and strainer basket
- Compact, rounded tank design permits traveling through vegetation without damaging it
- Simple, efficient "Dial-A-Rate", 15 position metering disc
- Agitation by liquid sparging tube and air from the fan
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Reachable controls from tractor seat, allows operator to switch liquid from off to right, left or both sides spraying
- Built-in 6 gallon fresh water safety tank

The *Venturi 2 Row Sprayer* covers two complete rows at one time so your spraying time is cut in half; reducing your labor, fuel, wear and tear on your tractor/sprayer, and since you are traveling every other row, you will have less soil compaction. Plant coverage is greatly increased because the spray enters the foliage from opposite directions at the same time. Thus, chemical drift is greatly reduced as the spray is held in the foliage longer. These sprayers are available with many different types of distribution heads, however the most productive is the unit shown above. The over the row nozzles are adjustable for 6 to 10 foot rows. The extensions have hydraulic cylinders for folding away when required

SPECIFICATIONS:

Model No.	Gallons	Volume of Air	Width	H.P. Required	Wt.
P50N1-400-G	100 Gallons	4444	44"	45 H.P.	510#
P50N1-600-G	150 Gallons	4444	57"	45 H.P.	540#
P50S1-600-G	150 Gallons	4875	57"	52 H.P.	540#



This model features fishtail type distribution heads for orchards with trees up to 35 feet in height. The fishtails are fitted with special manifolds with a total of 64 orifice outlets. This feature produces a fine mist spray to obtain total plant coverage. Also, growers have found that the sprayer is the most economical way to apply foliar feed.

The development of this sprayer was for horizontal spraying up to 90 feet. The system features 4 upper cannons, one central cannon and 4 lower nozzles. This cannon sprayer is popular in areas of limited tractor roads and is used in nurseries and crops like melons.

FEATURES:

- Cat. II, 3-point hitch, P.T.O. 540 RPM
- Translucent heavy walled polyethylene tank with lid, sump and strainer basket
- Built-in overrunning clutch to protect the tractor and sprayer drive train
- Simple, efficient "Dial-A-Rate", 15 position metering disc
- Agitation by liquid sparging tube and air from the fan
- Low pressure spraying system - 15 to 40 PSI
- Electro valve controls to switch liquid from off to right, left or both sides spraying
- Built-in 6 gallon fresh water safety tank



This sprayer has special tall tree cannons that will give complete coverage on trees up to 50 feet in height. The unit was designed for spraying walnuts, avocados, and other tall tree orchards. The sprayer is also excellent for applying foliar feed.

SPECIFICATIONS:

Model No.	Gallons	Volume of Air	Width	H.P. Required	Wt.
P55S1-600-G	150 Gallons	8240 C.F.M.	57"	60 H.P.	550#
P55E1-600-G	150 Gallons	9123 C.F.M.	57"	64 H.P.	550#

Venturi Air, Short Turning Hitch -
Designed so driveshaft is always straight in line

SPRAYERS



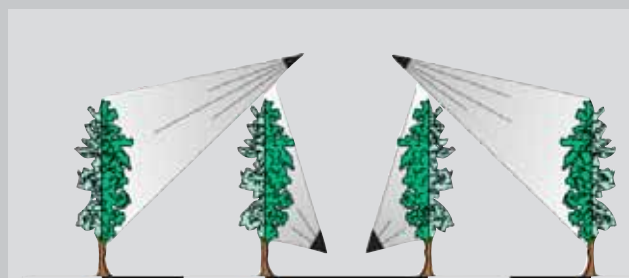
The sprayer shown is equipped with 2 - 4 nozzle lower heads and 2 upper cannons for spraying 4 half rows. For increased coverage late in the season, the upper cannons can be adjusted down for spraying vines in the tractor row. The unique feature of the sprayer is that the fan and distribution head is 3-point hitch mounted. The trailer/tank assembly is attached to the 3-point hitch with a heavy duty swivel hitch. This allows the sprayer to "turn on a dime" with no stress or damage as the drive system is also straight.

This 3-point/trailer sprayer is perfect for narrow rows and short head lands.

- Dual tank lids for safety, one for water and one for adding chemicals
- Simple efficient "Dial-A-Rate", 15 position metering disc
- Centrifugal pump - 37 G.P.M.
- The 200 gallon has one pump, 300 gallon has 2 pumps
- Dual agitation systems, liquid and air
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Power band fan speed-up is automatically adjusted by spring loaded idler
- Electro-valve controls allows operator to switch liquid to right, left or both sides spraying
- 8 Gallon fresh water safety tank



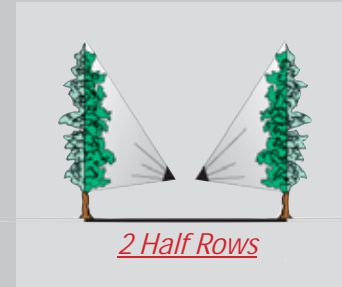
300 GALLON WITH OPTIONAL DISTRIBUTION HEAD



Developed especially for vineyards with short head lands.

- Cat. I & II, 3-point hitch, P.T.O. 540 RPM
- Turns as sharp as your tractor
- Parking stands for 3-point and trailer assemblies
- High performance, precision balanced all steel, front mounted centrifugal fan
- Special molded polyethylene fan housing
- Translucent heavy walled polyethylene tank with hinged lid, sump, strainer basket and shower head

Model No.	Gallons	Volume of Air	Width	Length	Tire Size	H.P. Required	Wt.
L50N1-800	200 Gallons	4444 C.F.M.	43"	9'	9.5Lx15-8 Ply	48 H.P.	855#
L50S2-1200	300 Gallons	5000 C.F.M.	54"	9'	11Lx15-8 Ply	52 H.P.	960#



FEATURES:

- Trailer mounted, P.T.O. 540 R.P.M.
- Translucent heavy walled polyethylene tank with hinged lid, sump, strainer basket and shower head
- Unique polyethylene belly mounted air tubing to the distributor heads
- Dual tank lids for safety, one for water and one for adding chemicals
- Compact, rounded tank design permits traveling through vegetation without damaging it
- Adjustable tread width, facilitates matching sprayer tread with tractor tread
- Tongue with clevis hitch has length adjustment
- Simple, efficient "Dial-A-Rate", 15 position metering disc
- Dual agitation systems, liquid and air
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Built-in overrunning clutch to protect the tractor and sprayer drive train
- Power band fan speed-up is automatically adjusted by spring loaded idler
- Electro-valve controls to allow operator to switch liquid from off to right, left, or both sides spraying
- Built-in 8 gallon fresh water safety tank

Our **200 Gallon Trailer Mounted Sprayer** was developed for low horsepower tractors doing narrow row spraying. Tractors with P.T.O. horsepower of as low as 36 will handle this sprayer. The 48 inch overall sprayer width allows for operating in the narrowest of rows. Growers achieve the following additional benefits - spray atomization of droplets are smaller and more uniform, less fill-ups, even distribution of concentrated spray, complete foliage coverage, better product utilization, less chemical waste and soil/water contamination.

SPECIFICATIONS:

Model No.	Gallons	Volume of Air	Width	Length	Tire Size	H.P. Required	Wt.
T45N1-800	200 Gallon	3180 C.F.M.	48"	10' - 5"	9.5Lx15-8 Ply	36 H.P.	910#

Venturi Air 200 & 300 Gallon - For high production, accurate spraying

SPRAYERS



FEATURES:

- Molded polyethylene 200 or 300 gallon tank
- Sprayer operates with a low pressure centrifugal pump which produces 37 GPM at the normal operating pressure of 15 to 40 PSI
- Dual centrifugal pumps - 37 GPM for spraying and 37 GPM for agitation on 300 gallon only
- Air speed is 415 MPH at nozzles
- Wheels are adjustable up or down, front or rear, in or out to obtain the best balance
- Electro-valve system controls spray off or on, both sides spray, right or left only
- Separate water and chemical filling hatches keep chemical from being splashed out while filling
- No gearbox for fan speed-up, only a simple power band pulley system with overrunning clutch
- High speed turbine fan turns at 4320 RPM with air delivery of 4885 cu. ft. per minute
- Separate safety clean water 8 gallon tank for handwashing

The **Gearmore T50S 2 Row Venturi Air Sprayer** covers two complete rows at one time so your spraying time is cut in half; reducing your labor, fuel, wear and tear on your tractor/sprayer, and since you are traveling every other row you will have less soil compaction. Plant coverage is greatly increased because the spray enters the foliage from opposite directions at the same time. Thus, chemical drift is greatly reduced as the spray is held in the foliage longer. The Venturi low volume spraying system also achieves these additional benefits: spray atomization of droplets are smaller and more uniform, even distribution of concentrated spray, better product utilization, less chemical waste and soil/water contamination and best of all less fill-ups.

2 ROW BOOM FEATURES:

- For 6 to 10 foot rows
- Total of 4 distribution heads with 4 Venturi nozzles on each head with individual shut off valves, rotating calibration discs and anti-drip valves
- Rear mounted height adjustable frame
- Two hydraulic cylinders with hoses for opening and closing horizontal booms

Model #:	Gallons	Volume of Air	Width	Length	Tire Size	H.P. Req'd	Wt.
T50S2-800	200	4885 C.F.M.	42" to 50"	10'-5"	9.5Lx15-8 Ply	48	910#
T50S2-1200	300	4885 C.F.M.	54" to 74"	11'-7"	11Lx15-8 Ply	52	1465#

Dimensions are less 2 row distribution head

SPRAYERS

Venturi Air, Trailer Models - Total plant coverage at lowest cost per acre

500 GALLON

"10 YEAR WARRANTY
ON POLYETHYLENE
TRAILER TANKS"



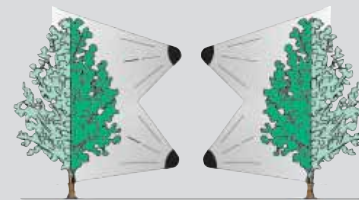
Optional Flotation Tracks smooths out the ride, floats over wet ground and greatly reduces compaction.

- High performance, precision balanced all steel, front mounted, centrifugal fan
- Translucent heavy walled polyethylene tank with hinged lid, sump, strainer basket and shower head
- Dual centrifugal pumps - 37 GPM for spraying and 37 GPM for agitation
- Dual agitation systems, liquid and air
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Broad range of Venturi distribution heads that produce 50 micron droplets and are specially designed to match a variety of foliage profiles
- Electro-valve controls to allow operator to switch liquid from off to right, left, or both sides spraying
- Built-in 8 gallon fresh water safety tank

These unique **Venturi Air Sprayers** feature our most powerful high speed turbine fans and are the latest technology in low volume spraying. Thus, growers achieve the following benefits: spray atomization of droplets are smaller and more uniform, less fill-ups, even distribution of concentrated spray, complete foliage coverage, better product utilization, less chemical waste and soil/water contamination.



The sprayer is operating with 2 lower and 2 upper orchard distribution heads to insure coverage on the upper half of trees.

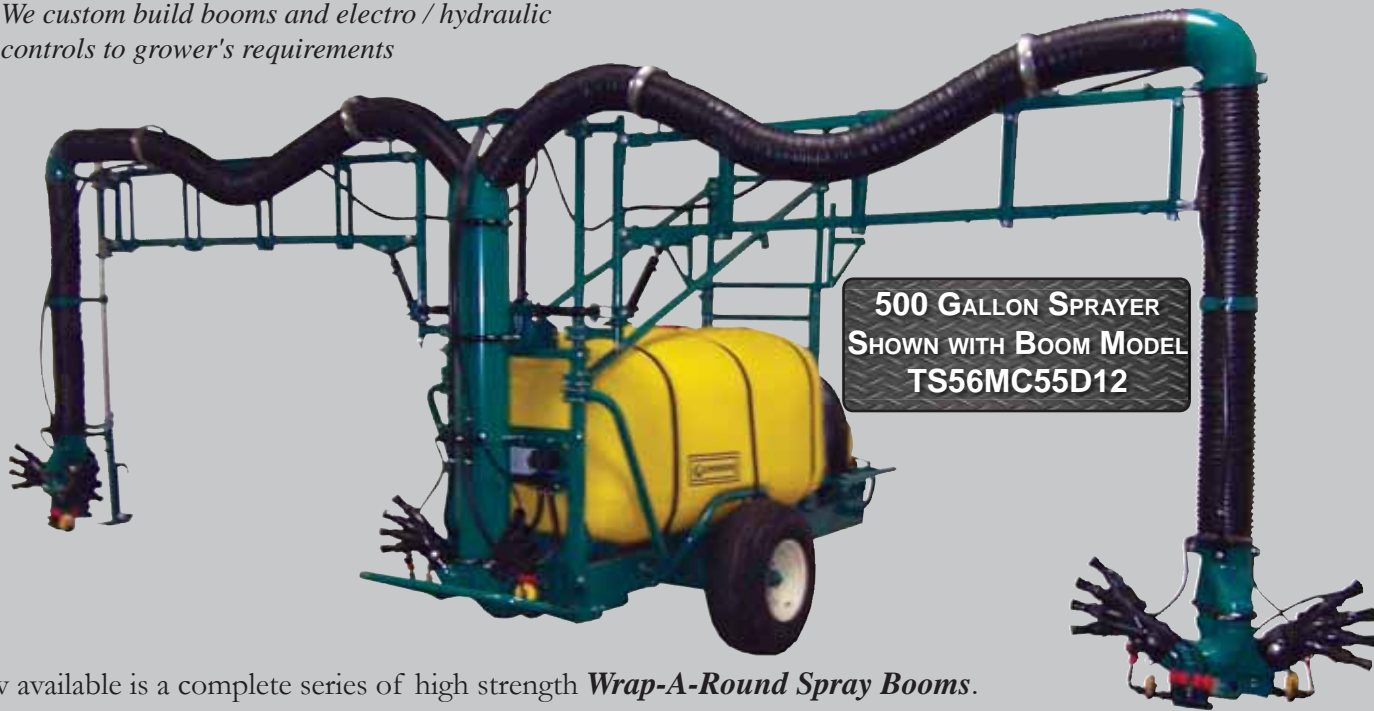


Model No.	Gallons	Volume of Air	Width	Length	Tire Size	H.P. Required	Wt.
T55S2-1200	300 Gallon	8240 C.F.M.	55"	12'	11Lx15-8 Ply	60 H.P.	1020#
T55S2-2000	500 Gallon	8240 C.F.M.	71"	14'	12.5Lx15-10 Ply	60 H.P.	1320#
T55E2-2000	500 Gallon	9123 C.F.M.	71"	14'	12.5Lx15-10 Ply	74 H.P.	1320#

*With Wrap-A-Round Booms -
For high production, accurate spraying*

SPRAYERS

We custom build booms and electro / hydraulic controls to grower's requirements



Now available is a complete series of high strength **Wrap-A-Round Spray Booms**.

The booms feature extra strong framing with heavier support tubings to the sprayer frame.

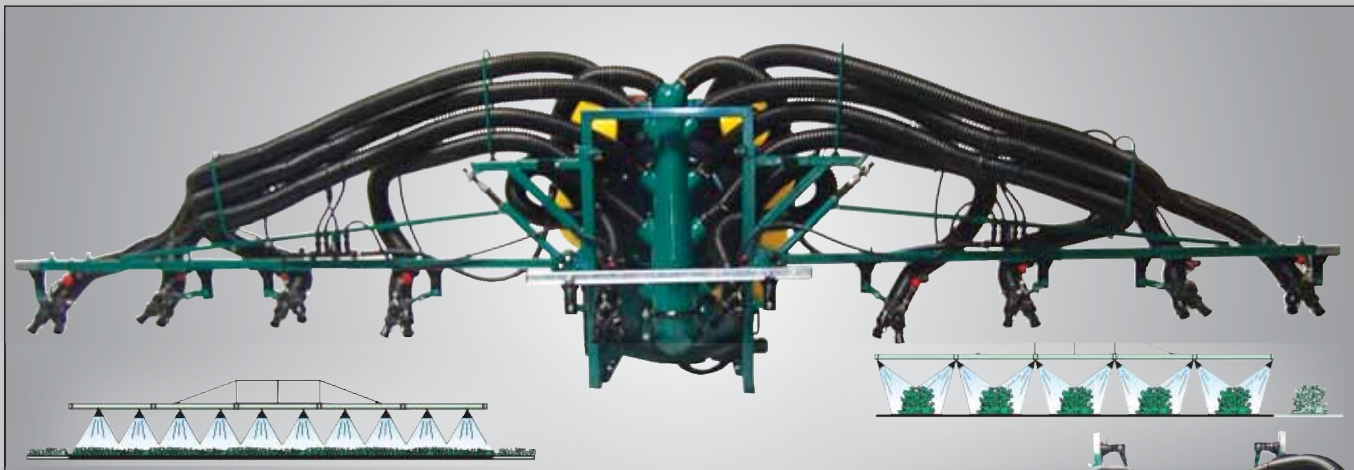
The five hydraulic cylinders give total control on height adjustment, swing up for in row obstructions, and fold away for transport. The width adjustment is manual, optional electro cylinders operated from the tractor seat are available. These booms are available to spray two complete rows or two complete rows and two half rows. Boom controls require 5 rear remotes or Gearmore's optional electro over hydraulic kits. The booms are designed to fit the popular 300 and 500 gallon Venturi Air Sprayer.



- Sprayer features same as page 78
- Booms swing hydraulically from operational to closed position
- Booms fold forward for transport and lock
- Height adjustment is hydraulic
- Boom bottoms can be fitted with single or double 4 + 4 nozzles or fishtails
- Boom tops can be fitted with 4 + 4 nozzles, cannons, fishtails, or neither head

Boom Model No.	Sprayer Model No.	Gals.	No. of Rows	No. of Nozzle Assy's	Row Space	Max. Crop Height	Boom Clearance	Nozzle Positions	Type of Bottom Nozzles	Type of Top Nozzles
TS56MB55M12 "A" Boom	T55S2-1200	300	2-Full 2-Half	6	7.5'-10'	7 ft.	8 ½ ft.	Bottom Only	4 Outlet Head	None
TS56MC55D12 "A" Boom	T55S2-2000	500	2-Full 2-Half	6	9.5'-13'	8 ft.	9 ½ ft.	Bottom Only	4 Outlet Head	None
TS54M4CC55D12 "B" Boom	T55E2-2000	500	2-Full	8	9.5'-13'	8 ft.	9 ½ ft.	Top & Bottom	4 Outlet Head	Cannons
TS512MC55D12 "D" Boom	T55E2-2000	500	2-Full 2-Half	12	9.5'-13'	8 ft.	9 ½ ft.	Top & Bottom	4 Outlet Head Bottom & Top	
TS52V4V6V55D12 "Olive" Boom	T55E2-2000	500	2-Full	12	9.5'-13'	8 ft.	9 ½ ft.	Top, Center & Bottom	Fishtail Head Bottom, Center & Top	

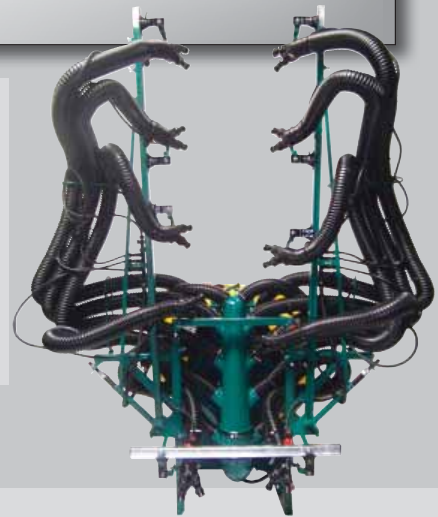
SPRAYERS *Venturi Air Boom Sprayers -* Developed specifically for lower horsepower tractors



Our 23 foot width **Air Boom Sprayer** was developed specifically for lower horsepower tractors. A minimum of only 32 horsepower is required to produce the 50 micron droplets necessary to obtain total plant coverage in dense foliage crops like tomatoes, sugar beets, cabbage, and other types of vegetables.

This **Venturi Air Boom Sprayer** features the latest technology in total plant coverage spraying. Thus, growers achieve the following benefits:

- ~ Spray atomization of droplets are smaller and more uniform
- ~ Less fill-ups
- ~ Even distribution of concentrated spray
- ~ Better product utilization
- ~ Complete foliage coverage
- ~ Less chemical waste & soil contamination



AIR BOOM FEATURES:

- Boom raises and lowers manually or by height adjustment with the tractor 3-point hitch
- Boom has a break-away and fold-away feature to prevent damage
- Boom nozzles are completely adjustable width and angle for maximum coverage
- Boom is steel construction, hot galvanized and painted
- Right and left hand liquid controls from the tractor seat
- Optional electro-valve remote liquid controls

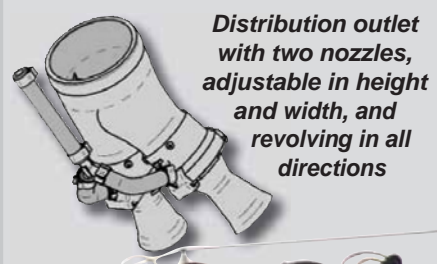
SPRAYER FEATURES:

- Cat. I, 3-pt. hitch PTO 540 R.P.M.
- High performance, precision balanced all steel centrifugal fan
- Special molded polyethylene fan housing
- Translucent heavy walled polyethylene tank with lid, sump, & strainer basket
- Built-in overrunning clutch to protect the tractor and sprayer drive train
- Compact, rounded tank design permits traveling through vegetation without damaging it
- Agitation by liquid sparging tube and air from the fan
- Low pressure spraying system - 15 to 40 PSI spraying pressure means less maintenance for pumps and nozzles
- Spray drift is reduced by 50 to 75%
- Built-in 6 gal. fresh water safety tank
- Reachable controls from tractor seat, allows operator to switch liquid from off to right, left, or both sides spraying

MODEL NO.	BOOM WIDTH	ROWS	TANK CAPACITY	MIN. H.P.	WT.
P45N-400-23	23'	5 Rows	100 Gallon	32 H.P.	700#

Venturi Air Boom Sprayers - **SPRAYERS**

Achieves total plant coverage on field crops



Distribution outlet with two nozzles, adjustable in height and width, and revolving in all directions

**27' BOOM
SPRAYER SHOWN**



FEATURES:

- Nozzles break down spray to fog size (50 microns) droplets which penetrate in and around all areas of each plant
- Air movement allows chemical to completely cover vegetation, especially the underside of leaves
- Volume as low as 5 gallons per acre results in fewer refilling stops and more acres covered per day
- Spray drift is reduced by 50% to 75%.
- Boom has breakaway and hydraulic fold away features to prevent damage and for transport
- Boom raises and lowers hydraulically for different crop heights, independent of the sprayer
- Boom nozzles are completely adjustable in width and angle for maximum coverage
- Chemicals only come in contact with plastic, rubber, and stainless steel parts

- Tank:** Translucent polyethylene 150 gal. with hatch & strainer basket
- Agitation:** Adjustable liquid bypass, and air from fan when required
- Drive:** 540 RPM P.T.O. driven with belt drive to fan and pump with overrunning clutch
- Nozzles:** "No drip" system on each nozzle and individual liquid shut-off by hand, replaceable stainless steel discs and screens
- Controls:** Electro-valve controls allows operator to switch liquid from off to right, left or center
- Filtration System:** 3 Stages - at filler, at pump, and at nozzles
- Fan:** Centrifugal type w/PVC housing
- Pump:** Centrifugal with maximum 37 GPM
- Sight Gauges:** In tank and tubing
- Pressure Gauge:** 0 to 80 P.S.I. in liquid case to reduce vibration and extend life

40' Boom Sprayer Shown



Models:	Boom Width	Rows	No. of Nozzles	Boom Design	Tank Cap.	Dia. of Fan	Fan (RPM)	Volume of Air	Air Speed at Foliage	Controls	Min. Tr. HP	Wt.
P50S-600-27	27'	8	2+2=32	Galvanized Tubing	150 Gal.	19.75"	4320	4875	10-50 MPH	Electro Valve	52 H.P.	1230#
P55E1-600-40S	40'	7	2+3+2=49	Galvanized Tubing	150 Gal.	21.75"	3900	9123	10-50 MPH	Electro Valve	64 H.P.	1800#
P55E1-600-40	40'	12	2+2=48	Galvanized Tubing	150 Gal.	21.75"	3900	9123	10-50 MPH	Electro Valve	64 H.P.	1800#

SPREADERS

3-Pt./Trailer Mounted Spinner Spreaders - 3-Pt. PTO & ground driven w/PVC hoppers

3-PT. SEEDER/SPREADERS



Our **3-Point Hitch Spreaders** feature a strong, corrosion proof PVC hopper. These spinner units have double levers and stainless steel slides which allow for spreading at 180° or 90° to the right or left. They are ideal for even spreading fertilizer, seed, salt, and other flowable materials.

- Cat. I, 3-point hitch, 540 PTO
- Corrosion proof PVC hopper
- Stainless steel spreading disc with 4 stainless steel fins
- Steel oil tight gearbox with grease zerck
- Extended handle for engaging and disengaging
- Choice of 3 spread patterns: full rear, left or right side
- Effective spreading width from 20' to 46'
- Built in rear hitch
- Adjustable uniform rates from 20 to 900 lbs./acre

OPTIONS:

- ~ Larger extended hopper agitator
- ~ One and two row band spreader attachments

Model No.	Capacity		Overall Height	Wt.
	Lbs.	Cu. Ft.		
PL180	480 lbs.	5.8 cu. ft.	36"	120#
PL500	1000 lbs.	12.3 cu. ft.	45"	140#

TRAILER MOUNTED SEEDER/SPREADERS



Our **Seeder/Spreader** is a self contained, towable implement that can be operated by almost any vehicle. This unit has a ground driven, cast iron, oil bath gearbox that can be disengaged when transporting. It is ideal for spreading seed, fertilizer, sand, and salt. The large 16" diameter x 6.5" wide tires make this a "Turf Friendly" implement. This spreader is a handy tool for farmers, landscapers, and homeowners.

- Ground wheel driven
- Corrosion proof PVC hopper
- Cast iron, oil bath gearbox
- Gearbox disengages for transport
- Stainless steel spreading disc with 4 stainless steel fins
- Extended handle for engaging and disengaging material flow
- 16 x 6.5-8 Ply turf tires
- 1 7/8" Ball hitch
- Spreading widths from 20' to 46'
- 3 Spread patterns:
 - ~ full rear
 - ~ left side
 - ~ right side

Model No.	Capacity		Height	Width	Depth	Wt.
	Lbs.	Cu. Ft.				
PTP180-P	480 lbs.	5.8 cu. ft.	51"	41"	59"	175#
PTP300-P	765 lbs.	9.2 cu. ft.	51"	41"	59"	185#

Spinner Spreaders -
High capacity 3-pt. PTO driven spreaders

SPREADERS

Our high capacity **3-Point Spreader** features a stainless steel, single spinner disc with 6 stainless steel vanes. Spreaders have a heavy duty stamped and ribbed frame. All metal hoppers and frames have special phosphated undercoat, then epoxy powder painted and baked at 300 degrees to insure long life. The spreader can be set at 180°, 90° right, or 90° left spreading pattern.

SINGLE SPINNER



FEATURES:

- Cat. II, 3-point hitch
- Low loading height
- Sturdy stamped and ribbed steel frame
- Levers control on and off
- 6 Fins spreading disc for even spreading width
- Spreading width from 32' to 59'

SPECIFICATIONS:

Model No.	Capacity		Height	Width	Depth	Wt.
	Lbs.	Cu. Ft.				
RT-800	1700 lbs.	28 cu. ft.	40"	59"	53"	345#

Our two **3-Point Spreaders** feature dual stainless steel spinner discs, which are extremely accurate with only 6.7% variance across the spread pattern. The spreaders are supplied with manual lever controls with optional hydraulic controls when the tractor has a cab. The new 41" width model is for narrow row vineyards and other narrow row crops.

DOUBLE SPINNER



Shown With Optional 2 Row Band Spreader Attachment

FEATURES:

- Cat. I & II, 3-point hitch
- Hydraulic cylinder controls, off and on
- Stainless steel construction
- Two stainless steel disc with 3 vanes each
- Spreading width from 30 to 50 feet
- Easy on and off band spread attachment for exact material placement
- Two row band spreader attachment - 66" wide

SPECIFICATIONS:

Model No.	Capacity		Height	Width	Depth	Wt.
	Lbs.	Cu. Ft.				
RE-F600	1210 lbs.	19 cu. ft.	42"	41"	51"	375#
RE-1000	2300 lbs.	35 cu. ft.	45"	59"	51"	450#

COMPOST SPREADER



This unique **Compost Spreader** is able to spread a wide range of materials such as: compost, peat, concentrated manure, lime, gypsum, dried grape pomace and other types of fertilizer. The spreader was designed for two different spreading operations. You can broadcast spread and add the side conveyor for band spreading. Features are built into the spreader to achieve the application of this large group of products. Patented two gearbox system, one to power the spinner and a second gearbox geared to a low R.P.M. for the agitator.

FEATURES:

- Cat. I & II, 3-point hitch, 540 RPM P.T.O.
- Spinner turns at 718 RPM and the agitator turns at 77 RPM
- Hydraulic cylinder for on and off
- For tractors 50 to 150 HP, capacity - 35.3 cu. ft.
- Spread width 20 to 45 ft., up to 12 ft. with band spread attachment

SPECIFICATIONS:

Model No.	Capacity	Width	Depth	Height	Wt.
SCU-N1000	2000 lbs.	48"	64"	55"	780#

OPTION:

- ~ Stainless steel side band attachment

PULL TYPE SEEDER/SPREADER



Our **Seeder/Spreader** is a self contained, towable implement that can be operated by almost any vehicle. This unit has a ground driven, cast iron, gearbox that can be disengaged when transporting. It is ideal for spreading seed, fertilizer, sand, and salt. The large 20" diameter x 10 wide tires make this a "Turf Friendly" implement. The spreader features a cable control that allows the operator to adjust spread rate and turn the spreader on and off from the vehicle seat. This is a popular, low cost spreader for golf courses, parks, sport fields, and turf farms.

FEATURES:

- Remote cable control from vehicle
- Agitators to prevent bridging
- 20 x 10:00 - 8 tires
- Full width or spreading to one side
- Height adjustment on 2" ball hitch

OPTIONS:

- ~ Clevis type hitch
- ~ Secondary chain agitator
- ~ Canvas hopper cover
- ~ Cable control mounting bracket
- ~ Remote hopper vibrator

SPECIFICATIONS:

Model No.	Capacity		Spreading Width	Machine			Wt.
	Lbs.	Cu. Ft.		Height	Width	Depth	
PTB560	1070 lbs.	14.2 cu. ft.	Max. 52'	51"	65"	96"	310#

*Pendulum Spreaders -
Achieves accurate placement of fertilizers and seeds*

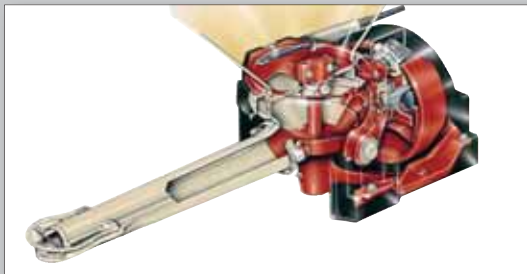
SPREADERS

Our line of **Pendulum Spreaders** feature an advanced mechanism with regulating key which allows for quickly setting the spread pattern. Other features are exact rate/spread control, quick change spouts, low filling heights, and easy maintenance. The model PDC400 has a molded plastic hopper, all other models have formed fiberglass hoppers. The spreading width with the standard spout is 20 to 46 feet. A large variety of spouts are available for standard broadcast, narrow row and wide row vineyards and orchards. Spreaders can also be set for band and one sided banding. Hopper capacities from 925 to 2000 pounds.

MODEL PDC400



MODEL PDV500



The above spouts fit all models

SPECIFICATIONS:

Model No.	Hitch Category	Capacity		Overall Width	Overall Height	Wt.
		Lbs.	Cu. Ft.			
PDC400	Cat. I	925 lbs.	13.6 cu. ft.	46"	47"	225#
PDV500	Cat. I & II	1155 lbs.	17 cu. ft.	54"	36"	290#
PDV600	Cat. I & II	1450 lbs.	20.5 cu. ft.	54"	40"	315#
PDHV800	Cat. II	2000 lbs.	32 cu. ft.	74"	40"	375#

SPREADERS, MANURE

Models From 1 To 25 Plus Horses -
We stand behind our product, way behind



Whether you have one horse or twenty, Millcreek makes a spreader that's just right for you. Every detail is engineered to save time and protect against breakdowns. From the heavy duty, all-steel construction to the top quality powder coating, durable linkage and beater systems, you can be sure that your Millcreek Spreader was built to last. Convenient, time saving options - including the adjustable dolly wheel/jack and the manual endgate - further enhance your investment. We're sure that your Millcreek spreader will quickly become the most-valued piece of equipment in your stable!

Operating Levers

Our soft handle grips and easy action design make our levers truly easy to engage.

Thick-Skin Urethane Lining

Prevents corrosion and adds years of life to the spreader box, lining comes with a 10 year pro-rated warranty against rust through. (Optional for most models)

Poly Floor

Made from recycled, high-density plastic so it will never rust or rot and comes with a 20-year warranty. (Not included with all models)

Adjustable Hitch

Conveniently adjusts to the height of the towing vehicle, making the process safe and easy, even when fully loaded. (Not included with all models)

Adjustable Dolly Wheel / Jack

Provides easy, hand maneuvering in and around the barn. Allows the spreader to rest in level position when not hooked up for towing. (Not included with all models)

Beaters

Expertly designed to handle the messiest of loads, even pen packed manure.

Safety Bar

An important safety feature that minimizes the potential for injury or damage.

End Gate

A great help containing loads during transport, and for shielding the operator when spreading. (Not included with all models)



Model No.	22	27	37	57	77	97	127
No. of Horses:	1 - 2	1 - 4	4 - 6	5 - 10	11 - 20	20 +	25 +
Capacity, cu. ft. Heaped:	16.2 cu. ft.	28 ft. ³	37.3 ft. ³	56 ft. ³	72 ft. ³	109 ft. ³	140 ft. ³
Overall Length:	98"	9' 3"	11' 3"	11' 6"	13' 6"	13' 6"	13' 6"
Overall Width:	42"	46.5"	46.5"	58"	58"	79"	79"
Overall Height:	26.5"	26.5"	26.5"	34"	34"	39"	47.5"
Construction:	All Steel Galvanized	All Steel, Poly Floor	All Steel, Poly Floor	All Steel, Poly Floor	All Steel, Poly Floor	All Steel, Poly Floor	All Steel, Poly Floor
Weight:	250#	555#	650#	1132#	1244#	1750#	1800#
Tractor Size:	10 H.P.	15 H.P. + Lawn & Garden Tractor or 350cc ATV	18 H.P. + Lawn & Garden Tractor or 450cc ATV	18 H.P. + Compact Tractor or 500cc ATV	22 HP + Compact Tractor	25 HP + Standard Tractor	28 HP + Standard Tractor

Note: Models 27, 37, 57, 77, and 97 are available in stainless steel.



Marketed by Gearmore, Inc.

Rear Mount



Rear Mount Sweepers mount to rear 3-point of compact and industrial tractors. Mechanical or hydraulic brush drive. Manual and hydraulic angle change 30° left/right available. Sweeps forward and windrows debris outside of rear tires on paved and turf areas. Pulling action cleans thatch without damaging grass. Brush rotation can be reversed for operation backing up. Brush widths from 4 ft. to 8 ft.

Pick-Up Sweeper



The Standard Pick-up Brooms clean up in construction, municipal and industrial applications. The 26" diameter brushes come in poly, wire or half of each. Options available are: sprinkler system and gutter brush. The Cold Planer Special has special compacted dense wafer brushes the width of the cold planer cut. These wafers do not flex as much as the balance of the brush, thus it cleans out the milled grooves.

Angle Sweeper



Angle Sweepers mount to skid steer loaders and is available for mounting on utility tractor loaders. Hydraulic brush drive, with manual or hydraulic angle change 30° left/right available. Single or dual motor configurations are available. Brush is equipped with a quick change core for easy brush change. Heavy duty design with quick attach mounting. Brush widths from 5 ft. to 8 ft.

Compact Front Mount



Compact Front Mount Sweepers mount to commercial turf mowers, compact utility tractors and industrial loaders. Available in a hydraulic or mechanical brush drive, with manual or hydraulic angle change 30° left/right. Keep your tractor and sweeper busy all year sweeping snow, dirt, thatch, and leaves. Brush widths from 4 ft. to 8 ft.



PALADIN LIGHT CONSTRUCTION

Marketed by Gearmore, Inc.

ROTARY TILLERS

"B" Series - For compact tractors 15 - 35 horsepower



These compact **"B" Series** tillers are quality constructed units that are built to last. The adjustable skid shoes control the cutting depth while the rear tailboard controls the soil mix. The tiller is equipped with a slip clutch to protect the tiller and tractor. Ideal for preparing seedbeds, renovating pastures, and other tillage uses. The tiller provides uniform mix throughout the cultivated depth.

- Cat. I, 3-point hitch
- 7" Approximate tilling depth
- One speed gearbox, 540 RPM
- 80# Heavy duty roller chain
- Slip clutch driveshaft to protect tractor and tiller drive system
- Curved saber style, heat treated, long wearing tines
- 6 Tines mounted on each rotor plate for maximum tilling action
- Tines staggered in scroll design for easy soil penetration
- Side mounted skids for depth control

Model No.	Tilling Width	Overall Width	No. of Tines	Approx. H.P.	Wt.
B100	40"	44"	30	20 HP	300#
B120	48"	52"	36	25 HP	335#
B140	55"	59"	42	30 HP	370#
B150	60"	64"	42	35 HP	420#

ROTARY TILLERS

"C" Series -

For compact tractors 20 to 45 horsepower



Our **"C" Series** is the modern replacement to our "L" Series tiller. A number of special features are standard at no added cost, such as; slip clutch, all gear final drive, 6 tines per rotor plate, and heavy A.S.A.E. quick hitch A-frame. Excellent tiller for vegetable growers, landscapers, nurseries, vineyards, and general maintenance operations.

- Strong, smooth running, all gear final drive
- Slip clutch driveshaft to protect tractor and tiller drive system
- Curved saber style, heat treated, long wearing tines
- 6 Tines mounted on each rotor plate for max. tilling action
- Tines staggered in scroll design for easy soil penetration
- Powder coated, baked-on paint to reduce corrosion
- Cat. I, 3-point hitch
- 8" Approximate tilling depth
- One speed gearbox, 540 RPM

Model No.	Tilling Width	Overall Width	No. of Tines	Approx. H.P.	Wt.
C85	34"	38"	30	20 HP	450#
C105	42"	46"	30	25 HP	485#
C125	50"	54"	36	30 HP	510#
C145	56"	60"	36	35 HP	545#
C165	65"	69"	42	40 HP	590#
C185	72"	76"	48	45 HP	640#

"E" Series, Forward & Reverse Models -
For tractors 20 to 50 horsepower

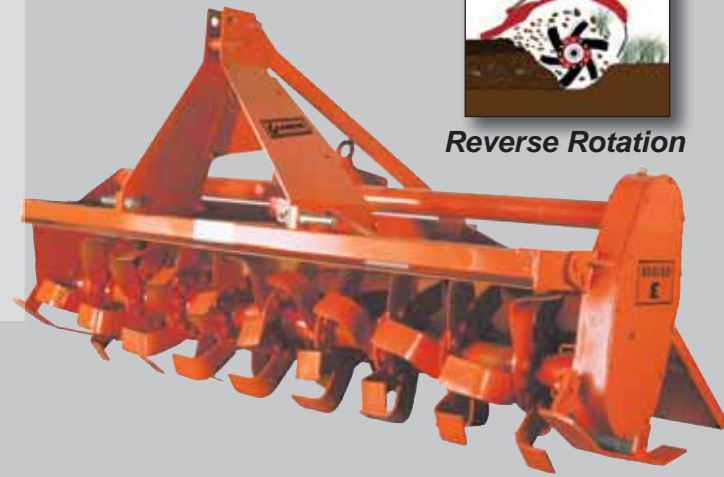
ROTARY TILLERS

Reverse Rotation E Series in 60" and 72" tilling widths. The counter rotation greatly aids in operating in hard ground. The reverse rotation achieves more depth and pulverizes the soil, plus buries clods, stones and debris. Ideal for preparation of seedbeds, renovation of pastures, orchards, vineyards and mulching-in cover crops and stubble. Provides uniform mixture through-out cultivated depth. Produces loose textured soil that holds moisture, reduces erosion.

- Connects to 3-point, Cat. I, 540 R.P.M. tractors - 7' Cat I & II
- All gear, final drive
- Rugged construction for long life
- Heat treated, long wearing tines
- 6 - L shaped tines per flange
- Adjustable skids for depth control
- Torque tube frame to absorb shock loads
- Driveshaft with slip clutch
- Up to 70 H.P. - E84 only



Reverse Rotation



Model No.	Tilling Width	Overall Width	No. of Tines	Approx. H.P.	Wt.
E48	48"	53"	36	20-35 HP	600#
E60	60"	65"	42	25-40 HP	690#
E72	72"	77"	54	35-45 HP	780#
E84	84"	89"	66	50-70 HP	805#
E60R*	60"	65"	42	40-45 HP	710#
E72R*	72"	77"	54	45-50 HP	800#

*R - Reverse Rotation

ROTARY TILLERS

"N" Series -

For tractors 40 - 70 horsepower

These medium duty **"N" Series** tillers feature a smooth running, all gear drive system. Powered through a heavy 70 horsepower gearbox to an all gear final drive. The tilling action provides a uniform mixture throughout the cultivated depth. Producing loose textured soil that holds moisture and reduces erosion. These are the ideal tillers for farm, vineyard, orchards, landscapers, nurseries, etc.

- Cat. I & II, 3-point hitch
- 9" Approximate tilling depth
- One speed gearbox, 540 RPM
- Strong, smooth running, all gear final drive
- Slip clutch driveshaft to protect tractor and tiller drive system
- Curved saber style, heat treated, long wearing tines
- Tines staggered in scroll design for easy soil penetration
- Powder coated, baked-on paint to reduce corrosion
- Side mounted skids for depth control



Model No.	Tilling Width	Overall Width	No. of Tines	Approx. H.P.	Wt.
N130	53"	58"	30	40 HP	780#
N155	63"	68"	36	50 HP	895#
N180	72"	77"	42	60 HP	970#
N205	82"	87"	48	70 HP	1045#

ROTARY TILLERS *"S" Series -*

For tractors 50 to 90 horsepower

Cat. II
A.S.A.E.
Quick Hitch
Compatible



These *"S" Series Tillers* were designed for high usage in agricultural and industrial applications. At a depth of 8 inches, the saber tines produce a uniform mixture of loose, textured soil that holds moisture and reduces erosion. These tillers are extremely well built, with 4 speed gearbox, all gear final drive and slip clutch driveshaft for heavy duty use. There is no better tool for preparation of seedbeds.

Model No.	Tilling Width	Overall Width	No. of Tines	Approx. H.P.	Wt.
S160-CT	63"	68"	36	50 HP	1066#
S180-CT	73"	78"	42	60 HP	1255#
S205-CT	83"	89"	48	70 HP	1350#
S230-CT	92"	99"	54	80 HP	1430#
S255-CT	102"	107"	60	90 HP	1490#

CT in model number stands for Tungsten Coated Tines

- Cat. II fixed center mount
- 90 HP, 4 speed gearbox
- 4-speeds at 540 RPM
- All gear final drive
- Slip clutch driveshaft
- 6 Tines on each rotor plate - staggered
- Torque tubing frame to absorb shock loads
- Adjustable skids for depth control

OPTION:

- ~ 2 Speed 1000 RPM gears



STANDARD ON ALL S & T SERIES TILLERS

- New super alloy tungsten carbide tines
- Bonded coating is placed exactly on the area of normal tine wear
- The "Rockwell" hardness of 70, which is the maximum hardness for tine wear
- Guaranteed to double the life over standard tines with normal life of 3 to 4 times longer wearing.



Model No.	Tilling Width	Overall Width	No. of Tines	Approx. H.P.	Wt.
T230-CT	90"	97"	54	90-100	2140#
T280-CT	110"	117"	66	100-120	2205#
T305-CT	120"	127"	72	110-160	2275#
T355-CT	140"	147"	84	120-160	2415#

ROTARY TILLERS

"T" Series -

For tractors 90 - 160 horsepower

These *"T" Series Tillers* were designed for high horsepower tractors to produce a finished seedbed in a single pass. For crops such as vegetables, timing is everything. The basic plow, disc, cultivator tilling operation requires too many passes, wasted fuel, and causes excessive compaction. At a depth of 10 inches, the saber tines produce a uniform mixture of loose, textured soil that holds moisture and reduces erosion. There is no better tool for preparation of seedbeds and incorporating crop residue.

- 10" Approximate tilling depth
- 4 Speed gearbox - 2 speeds @ 540 RPM & 2 speeds @ 1000 RPM
- Strong, smooth running, all gear final drive
- Slip clutch driveshaft to protect tractor and tiller drive system
- Curved, saber style heat treated, long wearing tines
- Side mounted skids for depth control
- 6 Tines mounted on each rotor plate for maximum tilling action
- Large, oil bath, long wearing rotor brgs
- Cat. II, 3-point hitch

MODEL S255RR-CT

This tiller with roller was specially designed for orchard tractors with small diameter flotation tires. Special low profile 3 hole lower hitch brackets allows for the exact lifting and tilling positions.

Excellent orchard floor management as the incorporator firms and levels the floor. In many cases, it will eliminate the need to "float out" the orchard floor. This creates an orchard floor that is smooth, bare, and firm.



O.E.M. Tines

Tillers Now Feature Bonded Tungsten Coated Tines

REAR ROLLER FEATURES:

- 16" Dia. x ¼" thick wall steel tubing roller with adjustable mud scraper
- Turnbuckle roller adjustment to obtain exact required compaction
- Easy to bolt up to standard S tiller
- Roller is 6" wider than side plates to eliminate ridges
- 2" Diameter solid bearing shaft
- ½" Thick bolt-on plates between tiller and tailboard to contain soil
- 4 Tailboard turnbuckles to hold the tailboard in place for releasing the exact amount of soil to the roller
- Heavy 1" x 3" roller mounting brackets

See page 90 for "S" tiller specifications.

NOTE: *Due to the weight of the tiller with roller, you may need front weights on the tractor.*



S Tiller with Adjustable Rear Roller



Cleaned, Tilled, and Rolled Orchard Floor



Special Low Profile Lower Hitch Brackets

SPECIFICATIONS:

MODEL #	CATEGORY	TILLING WIDTH	GEARBOX HORSEPOWER	SPEEDS	ROLLER DIAMETER	WEIGHT
S255RR-CT	II	8'-6" (102")	90	4 @ 540 RPM	16"	2850#

Note: Also available in S series tillers with rollers in widths of 73, 83, and 92 inches.

ROTARY TILLERS

Orchard Mulch Incorporators - For year round orchard floor maintenance

MODEL T305RR-CT



An important application for these tillers with rear rollers is to bury wood chips by tilling 2 to 3 inches deep. The roller then slightly compacts and smooths out the orchard floor. The wood chips will decompose at a faster rate and the rolled out area is then in better condition for the harvesters. The University of California Cooperative Extension recommended keeping wood chips and shreadings in the orchards. They also stated that if well managed, prunings can become a source of organic matter and nutrients in the soil. Growers have found many more uses for the Incorporators. Such as - tilling out tire tracks, mulching in weeds and general floor maintenance.

REAR ROLLER FEATURES:

- 18" Dia. x 1/4" thick wall steel tubing roller with adjustable mud scraper
- Turnbuckle roller adjustment to obtain exact required compaction
- Easy to bolt up to standard T tiller
- Roller is 6" wider than side plates to eliminate ridges
- 2" Diameter solid bearing shaft
- 1/2" Thick bolt-on plates between tiller and tailboard to contain soil



O.E.M. Tines

Tillers Now Feature Bonded Tungsten Coated Tines

- 4 Tailboard turnbuckles to hold the tailboard in place for releasing the exact amount of soil to the roller
- Heavy 1" x 3" roller mounting brackets

See page 90 for "T" tiller specifications.



T Tiller with Adjustable Rear Roller



Cleaned, Tilled, and Rolled Orchard Floor



160 Horsepower, 4 Speed Gearbox For 540 or 1000 RPM Tractors

SPECIFICATIONS:

MODEL #	TILLING WIDTH	ROLLER WIDTH	ROLLER DIAMETER	NO. OF TINES	MINIMUM H.P.	WEIGHT
T305RR-CT	10' (120")	11' (132")	18"	72	90 HP	3375#
T355RR-CT	11'-8" (140")	12'-8" (152")	18"	84	100 HP	4080#

Note: Also available in T series tillers with rollers in widths of 90 and 110 inches.

Turf Tiger - Accurate spreading of wet and dry materials

TOPDRESSERS

The **Turf Tiger** spreads wet or dry material like no other machine. You have total control of spread pattern and thickness of spread by - belt speed, attachment speed, endgate opening and ground speed. You can choose any or all of 3 quick change spreading attachments. The patent pending Saber Tooth attachment is the most effective for wet and dry material, spreading from 8 to 12 feet. The twin spinners are best for light applications, with spreading widths up to 35 feet. The brush attachment provides precision drop spreading 42" wide. Here are just some of the wet or dry materials you can spread with the Turf Tiger:



- ~ Sand/Peat Topdressing
- ~ Soil Amendments
- ~ Wet sand
- ~ Infield Conditioners
- ~ Compost
- ~ Soil & Infield Mixtures
- ~ Sewage Sludge



Generous Load Capacity
3.2 cubic yards heaped capacity;
optional extension sides available

Large 7500 lb. Payload
Allows fewer trips, fewer loads

Rubber Coated Drive Rollers
Prevent belt slippage

Dual Hydraulic Controls
Provide infinite speed adjustments for belt and attachment(s)

Powerful Hydraulic Drive System
Standard tractor hydraulics or PTO driven hydraulics

Flotation Turf Tires
Provide low ground pressure and wide track stability



Self-aligning V-Track System
Keeps the material delivery belt aligned

Saber Tooth™ Beater
Spreads any material, wet or dry; 8 to 12 ft. wide spread pattern. Alternate spreading attachments include dual spinners, a rear cross conveyor and a 42" wide brush.



Model No.	Width*	Height	Length	Wt.
4300	93"	73"	12' 8"	1750#

*With turf tires, implement tires optional

Topdress twice as fast without compromising precision. Exclusive Millcreek Saber Tooth technology gives you speed, accuracy and versatility unlike any other topdresser on the market today. There's nothing else as affordable for limited budgets at schools, park and recreation departments, and golf courses. Turf Tiger Cub comes in two sizes, 1.8 and 2.3 cubic yard capacity. Turf Tiger Cub is user friendly and more versatile than any other equipment of its kind thanks to the exclusive Saber Tooth beater. Turf Tiger Cub spreads all kinds of bulk material such as sand/peat topdressing, infield mixes, compost, grass clippings, synthetic material, lime, and wood chips with precision, power and speed.



Loading Flares
Simplify loading

Choose Your Capacity
Two models available - 1.8 or 2.3 cu. yd. heaped capacity

Drive System
Simple, heavy-duty drive components are more reliable

Standard PTO Hookup

Metering Gate
Easily adjusts for high/low volume material flow

Saber Tooth Beater
Spreads various textured materials - even wet, damp, or clumpy. Up to 8' wide spread pattern; from a dusting up to 1" per pass



Apron Conveyor
Exclusive design for guaranteed tracking and no slipping

Model No.	Heaped Capacity	Pound Capacity	Overall Width	Overall Height	Overall Length	Wt.
3100	1.8 cu. yd.	3000 lbs.	70"	54"	11'	1450#
3200	2.3 cu. yd.	3750 lbs.	70"	54"	13'	1550#



Marketed by Gearmore, Inc.

TRAILERS

Dump Trailers -

1 ½ Ton capacity hand pump & using tractor hydraulics to dump



HAND PUMP MODEL SHOWN



Our new **1 ½ Ton Dump Trailers** are available in two different dumping systems. One unit has a self contained hand pump tilting system so the trailer dumping can be operated by a number of different vehicles. The second model uses the tractor hydraulics to operate the dumping position. The trailers are constructed of 12 gauge all welded sides and front panels for maximum strength and durability. The unique two-way tailgate opens from the top or bottom.

These trailers are ideal for landscapers, farmers, ranchers, and general usage. The units are designed for off road uses, not to exceed 20 MPH.

- 1 ½ Ton capacity, 35 cubic feet heaped
- Tandem walking beam axles
- 4 - 18" x 9.5" x 8" flotation tires
- All welded 12 gauge steel on sides and front panel
- Rear tailgate dumps with hinge to open at the top or bottom
- Safety lock-out bracket at dump position
- 3" x 12" Hydraulic cylinder
- Comes with both swivel clevis and 2" ball hitch
- Fold-away tongue stand

SPECIFICATIONS:

Bed Width:	50"
Bed Length:	70"
Bed Height:	21"
Bed Floor:	12 Gauge Steel
Overall Width:	54 inches
Overall Length:	8' - 6"
Overall Height:	34"
Dumping Angle:	45°
Side Panels:	13" high
Front Panel:	13" high
Rear Panel:	14" high
For off highway use only	

SPECIFICATIONS:

Model No.	Dumping	Capacity	Bed Size	Weight
1.5-DT-XB	Hand Pump	1.5 Ton	50" x 70"	865#
1.5T50X72	Tractor Hydraulics	1.5 Ton	50" x 70"	850#

Our Gearmore *Dump Trailers* offer 4 sizes and capacities to choose from, in rear and 3-way dump. We offer models in single and tandem axle with rear hinged tailgates on all models for ease in dumping. All our models offer foldaway tongue jacks and swivel clevis type hitches. Any user who needs to "haul and dump" will find these trailers save time and money. Some of the popular uses are golf courses, parks, cemeteries, landscapers, growers and ranchers.

OPTION:

- ~ Central door with adjustable gate for 5 & 8 ton trailers



SPECIFICATIONS:

Model:	2.5T60X96	4T63X99	5T63X99	8T60X120
Cap. Wt:	2.5 Ton	4 Ton	5 Ton	8 Ton
Capacity:	77 cu. ft.	2.5 cu.yd.	2.5 cu.yd.	3.5 cu.yd.
Tire Size:	23x10.5-12	11L x 15	11L x 15	11L x 15
# of Tires:	4	2	4	4
Weight:	1500#	1825#	1900#	2060#
Bed Width:	60"	63"	63"	60"
Bed Length:	94"	99"	99"	120"
Bed Height:	30"	33"	33"	31"
Bed Floor:	3/16" Plate	3/16" Plate	3/16" Plate	3/16" Plate
Overall Width:	64"	68"	66"	88"
Overall Length:	11' 8"	11' 6"	11' 6"	13' 8"
Overall Height:	52"	61"	61"	61"
Dump Angle:	45°	45°	45°	45°
Side Panels:	14" High	14" High	14" High	16" High
Rear Panel:	19" High	18" High	18" High	24" High
Front Panel:	19" High	18" High	18" High	24" High

2 1/2 TON REAR DUMP



4 TON 3-WAY DUMP



5 TON 3-WAY DUMP



8 TON REAR DUMP



VINE TRIMMERS

*For Vineyards -
Profilmatic® high speed rotary blade trimming*



COLLARD designed the first vine trimmers, and continues to be the World leader in trimmers. The heart of **COLLARD Trimmers** is the unique lightweight aluminum alloy extrusion that provide a rugged, rust proof framework for the cutting blades. This framework is so strong that it has a lifetime guarantee.

The P2200 Series are the most popular models as they trim two half rows. Some of these models have the added feature of adjustable bottom skirting blades, which ensures under row vegetation is cut perfectly. Other models are available for trimming half rows, one complete row and two complete rows. Our trimmers eliminate excess vine growth, open canopies for better air circulation and greatly improve spray and dust penetration.

FEATURES - P2200S:

- Heavy duty forklift style frame
- Trims two half rows
- Frame cutting blades adjustable from 4' to 9'
- Equipped with electro-hydraulic joystick controls for precise trimmer adjustment
- Strong, but lightweight and easy to operate
- Vertical breakaway system to protect trimmer and tractor
- High speed stainless steel blades, self cleaning and never need sharpening
- Adjustable angle motor driven skirts
- Blades turn at 2200 RPM ensures clean cane ends which dry and seals neatly to reduce the risk of disease
- Requires hydraulic tractor capacity of 5.2 GPM at 2200 PSI
- Most operators are confidently operating our trimmers at 6 miles per hour
- Machines have a wide range of adjustments for setting trimmers to operator's exact requirements
- Trimmers have both mechanical and hydraulic protection on side and topping blade assemblies
- Hydraulic cylinders are fitted with load/hold check valves for safety in case a hose fails
- Trimmers come with all hoses, fittings and JIC couplers
- Other models are available for half row, one complete row, and two complete rows - split frame trimmer is available for terraced vineyard
- Front mountings are available for most popular tractors

1 half row



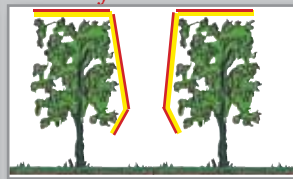
1 complete row



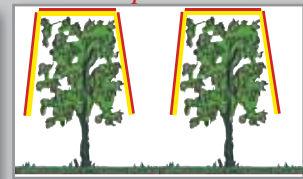
2 half rows



2 half rows w/skirts



2 complete rows



Model No.	Description	Width Adjustment	Cutting Height	Cutting Tops	Weight
P2200S	Trimmer with Skirts	49" to 108"	63"	30.7"	790#



Marketed by Gearmore, Inc.



Patented Stainless Steel Blades

*For Vineyards -
COLLARD offers the most complete range of vine trimmers*

VINE TRIMMERS



Model P1100
Trims Half Rows



Model P3000 LZP
Trims 1 Complete Row



Model P2200
Trims 2 Half Rows



Model P2200S
Trims 2 Half Rows, Plus Skirts



Model P2200TS
Trims 2 Half Rows, Terraced Vineyard



Model P3200I
Trims 2 Complete Rows

DESIGNED FOR TRIMMING

The aerodynamic shape of this profiled body was designed to facilitate more efficient penetration of the Trimmer **PROFILMATIC**[®] into the canopy, this profile also improves the fluid discharge of cut material.

RIGID BLADE ELEMENT (COLLARD patent)

This extreme duty assembly is nearly indestructible due to the unique design. This unit is without equal and guarantees the reliability of the blade transmission.

PROTECTED TRANSMISSION

Enclosed by a special cover, the transmission is completely protected against debris, dust, rain, etc.

SHOCK ABSORPTION

The leading edge of this section is made of synthetic material, it absorbs possible shocks, recessed screws of connection between the modules, ensures a smoother profile which facilitates the smooth evacuation of cut material.

POWERFUL TRANSMISSION

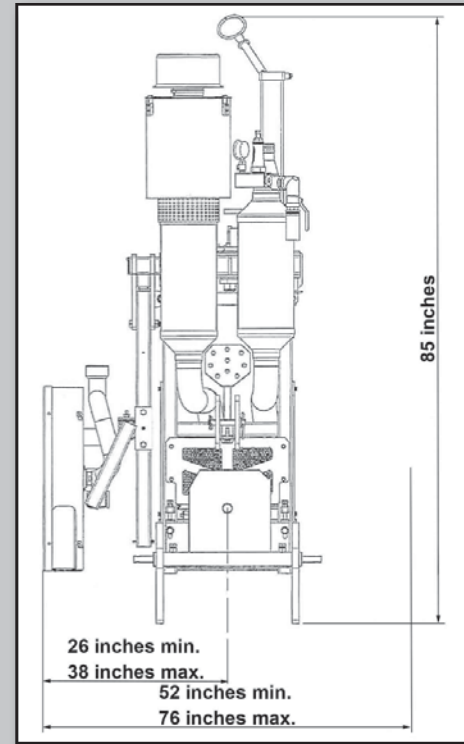
The **PROFILMATIC**[®] is even more powerful, ensuring a very high working speed yet reducing the required power input.



Marketed by Gearmore, Inc.

RAPTOR LEAF REMOVERS

*Unique Leaf Removal System -
Specially designed for narrow row vineyards*



This compact **Leaf Remover Model E1100-3P** was specially designed for narrow row vineyards. The patented COLLARD system achieves leaf removal by a flow of low pressure air produced by a 3-point hitch, P.T.O. driven air compressor. The air is blown through the leaves at fruit level by an adjustable defoliating head with twin rotating nozzles. This rapid pulsing air literally shakes the leaves to pieces and rattles the caps free from the berries.

The Leaf Remover exposes the clusters to air and sunlight and improves spray penetration. We are able to give all the results like handwork at a fraction of the cost per acre.

- 3-Point hitch mounted air compressor, PTO driven
- Compressor is fitted with special prefiltration and ventilation kit
- One defoliating head with patented twin rotors
- Defoliation head is hydraulically controlled allowing for rotating to right or left side of rows
- Head turns for adjusting air diameter from 11 to 23.5 inches at fruit zone
- Head adjusts from 26" to 38" from tractor centerline for rows of 5 to 7 feet
- The stainless steel covered head is effective up to 6 inches away from clusters
- The up/down, in/out adjustments are manual, hydraulic is optional
- The leaf remover comes with all hoses, fittings, and JIC couplers
- Requires dual remotes

SPECIFICATIONS:

Order Code	Model Number	Description	Hydraulic Requirements	Pressure	Min. H.P.	Wt.
0411 5100 RM	E1100 3P	Leaf Remover	7 - 13 G.P.M.	2320	35 H.P.	940 lbs.



Marketed by Gearmore, Inc.

Single or Double Heads - *Pulsed air shatters the leaves* **RAPTOR LEAF REMOVERS**

The patented **COLLARD System** achieves leaf removal by a flow of low pressure air produced by a 3-point hitch, P.T.O. driven air compressor. The air is blown through the leaves at fruit level by adjustable rotating defoliating heads. This rapid pulsing air literally shatters the leaves from the foliage and rattles the caps free from the berries.

Our leaf removal system is so effective that it can be used through the whole season from before flowering to harvest.

The COLLARD exposes the clusters to air and sunlight and improves spray penetration. We are able to give all the results like handwork at a fraction of the cost per acre.



Order No.	No. of Heads	Position of Heads	Working Position	Heads Reverse
E2200 3P	2	Rear	In-Row	No
E1100 FR	1	Front	In-Row	Yes
E2200 F	2	Front	In-Row	No
E2200 FR	2	Front	In-Row & Over the Row	Yes

- Front mount leaf removers available in single or double defoliating heads
- Heads are 24" in diameter with twin rotors for maximum coverage
- Rapid pulses of low pressure (15 PSI) air shakes the leaves to pieces
- The stainless steel defoliating heads are effective up to 6" away from the grape clusters
- Both inner and outer leaves and trash are removed around fruit zone
- Electric oil flow regulator to adjust the nozzle rotation speed
- Hydraulic adjustment for in and out, up and down, of the defoliating head
- Tractor requirement is 60 HP minimum with hydraulic capacity of 8 GPM at 2400 PSI
- Air compressor is 3-point hitch mounted with 540 RPM P.T.O.
- Compressor has exhaust silencer and air intake filter
- Electro hydraulic controls are standard
- Leaf trimmers come with all hoses, fittings and JIC couplers
- Comes with storage/parking stand



Marketed by Gearmore, Inc.

PREPRUNERS

*For Vineyards -
To reduce the costs of hand pruning*

new



PCI3000LPR SERIES

The **COLLARD Prepruners** will greatly reduce your pruning costs. Growers state that the finish hand pruning takes only 25% of the time versus total hand pruning costs. The Prepruner cuts the long canes small enough that they fall through the wire which is an aid in clean-up.

The Prepruner features a dual system for opening and closing of the cutting heads, **UNIQUE MAGNETIC SENSORS** and manual hand lever.

These front mounted Prepruners for vertical trellis vine grapes are low maintenance and high production giving the COLLARD units high marks with several leading California growers.

FEATURES:

- Heavy front mount frame for mounting to tractor
- Cane cutting length of 32.5"
- Dual hydraulic motors to power the cutting blades
- Three hydraulic cylinders - one for up and down, one stroke cylinder for in and out and one stroke cylinder for cross slope
- Cylinders are fitted with anti-fall safety valves
- Simple spring system to adjust the blade pressure
- Comes with heavy duty shipping/storage stand
- Tractor requirements of at least 6.6 GPM at 2030 PSI
- Custom built brackets are required for tractors and harvesters



Magnetic sensors for automatic opening and closing cutting heads when sensing steel posts



Cutting blades and notched discs for clean cuts and trellis post protection

SPECIFICATIONS:

Order Number	Cutting Height	Space Between Blades	No. of Blades	Wt.
0176 4701 1825	32.5"	4.3"	8 per side	1330#

Many other models are available - contact us for your special requirements.



Marketed by Gearmore, Inc.

VINEYARD / ORCHARD

The right equipment at the right price can help the bottom line of any business. That's why, for over 50 years, the vineyard and orchard growers have looked to Gearmore to help supply the ever-demanding need for the finest and most reliable equipment available.



FARM

Vegetable growers in the west demand the best in equipment, that is why, for over 50 years, Gearmore has searched the world for the finest and most reliable vegetable equipment. Plus, one thing more to help you in your growing business.... affordable prices!



RANCH

Reliable, time-saving equipment is a must for handling the everyday chores of ranch maintenance. That is why, since 1965, ranches have looked to Gearmore to help supply the finest, strongest, proper sized implements to make the jobs go faster and easier.



LANDSCAPE / CONSTRUCTION

Contractors and landscapers demand labor-saving equipment to improve their bottom line. The right equipment at the right price can help the bottom line of any business. Gearmore helps supply the ever demanding need for the finest and most reliable equipment available at the right price!



For Gearmore Products, Parts & Service Contact:

