

**IMPLEMENTS
FOR THE CARE AND MAINTENANCE OF VINEYARDS**



***Make Your Vineyard
More Productive***

This brochure is to aid you in selecting tools to make your vineyard more productive. The 16 implements shown are key products to insure healthy vines. These tools are the top products used in vineyards throughout the world.

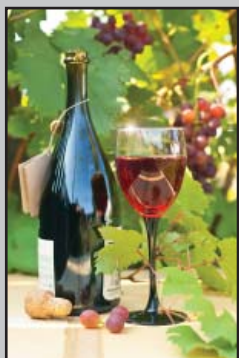


COMPOST SPREADER



This unique 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. Patented two gearbox system, one

to power the spinner and a second gearbox geared to a low R.P.M. for the agitator. Spreader is shown with the popular band spread attachment.



MODEL NO.	DESCRIPTION	WIDTH	DEPTH	HEIGHT	WT.
SCU1000	Spreader, 2000# Capacity	48"	64"	55"	780#

Specifications Subject To Change Without Notice

VENTURI AIR SPRAYERS

These unique Venturi Air Sprayers feature 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.



Models:	P42N1-300G	P42N1-400G	P45N1-400G	P50N1-600G
Tank Cap:	75 Gal.	100 Gal.	100 Gal.	150 Gal.
Air Vol. (CFM):	2350	2350	3180	4444
Min. Tr. PTO:	18 HP	18 HP	32 HP	45 HP
Sprayer Width:	38"	44"	44"	57"
Wt. w/o Dist:	400#	440#	455#	540#

PENDULUM SPREADERS

Our line of pendulum spreaders feature an advanced mechanism with regulating key that allows for quickly setting the spread pattern. Other features are exact rate/spread control, quick change spouts, low filling heights, and easy maintenance. Standard spout spreading width is 20' to 46'. A spout is available for narrow row and wide row vineyards from 3' to 14' spread.



Models:	Category	Capacity		Wt.
PDC400	Cat. 1	925 lbs.	13.6 cu. ft.	225#
PDV500	Cat. 1 & 2	1155 lbs.	17 cu. ft.	290#
PDV600	Cat. 1 & 2	1450 lbs.	20.5 cu. ft.	315#
PDHV800	Cat. 2	2000 lbs.	32 cu. ft.	375#

DUMP TRAILERS

When moving material around a vineyard, the unique 3-way dumping system allows for quick easy trailer spotting for exact location of material drop.

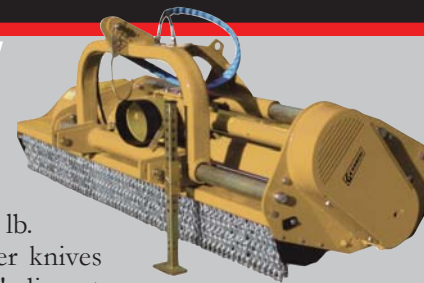
The special hinged panels, insure all material is released cleanly from the bed.



Models:	Wt. Cap.	Capacity	No. of Tires	Wt.
4T63X99	4 Ton	2.5 cu. yd.	2	1800#
5T63X99	5 Ton	2.5 cu. yd.	4	1875#

FLAIL MOWER/SHREDDERS

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 and orchards. You will find that these heavy duty machines will give many years of low maintenance usage.



Models	Mow Width	Overall Width	Max. Offset	No. Of Knives	Min. HP Req'd	Wt.
GOL79	79"	89"	60"	21	55	1700#
GOL89	89"	99"	70"	21	65	1900#

Models:	Tilling Width	Overall Width	No. Of Tines	Approx. H.P.	Wt.
N130	51"	60"	30	40 HP	780#
N155	61"	70"	36	50 HP	895#
N180	71"	80"	42	60 HP	970#
N205	81"	90"	48	70 HP	1045#

TILLERS

The Gearmore tillers are the ideal tool for vineyards to prepare a seedbed for cover crops. Also great for general weed control and provides uniform mixture throughout cultivated depth. Produces loose textured soil that holds moisture and reduces erosion.



ROW MULCHER

Models:	406	706	588
Cap. cu. yd. struck:	4.0	7.0	5.8
Max. Payload:	4,000#	7,500#	6,000#
Overall Width:	62"	67"	85"
Overall Length:	16' 0"	22' 10"	16' 10"
Weight:	2500#	3500#	3200#

More and more vineyards are incorporating organic mulch and compost as a means to enhance the soil, retain moisture, and reduce chemical usage. Row Mulchers make large scale use of mulch feasible for any size vineyard.



TANDEM DISC

The Gearmore Category 1, 3-point hitch, tandem disc features 7" blade spacing and triple sealed ball bearings. These light duty discs have a heavy quick hitch mast and are Cat. 1 A.S.A.E. quick hitch compatible. They also feature adjustable front and rear gangs, 1 1/8" square high carbon axles and 18" notched front and plain rear blades.



Model No.	Cutting Width	Approx. H.P. Req'd	No. of Blades	Weight
T1618	5' (60")	18 HP	16	525#
T2018	6' (72")	22 HP	20	630#
T2418	7' (84")	26 HP	24	695#

FLAIL SHREDDERS



Our SFG Series of flail mower/shredders are fixed center mount, manual or hydraulic side shift. The narrow shredders come in center mount only. The two largest shredders have 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.

Model	Work 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	6	620#
SFG125	49"	55"	-	8	32	25	8	730#
SFG140	55"	61"	-	10	40	30	9	770#
SFG155	61"	67"	-	10	40	35	10	840#
SFG185*	73"	78"	44"	12	48	40	12	1005#
SFG200*	79"	84"	48"	14	56	45	13	1100#

* Come w/ manual offset, hydr. offset - optional. Offset shown is max. from centerline of tractor to right

SOIL CONDITIONERS

Model	Width	"S" Tine Bars	No. of "S" Tines	No. of Teeth	Wt.
GSC4	4 ft.	2	7	8	475#
GSC5	5 ft.	3	9	10	620#
GSC6	6 ft.	3	11	12	800#
GSC7	7 ft.	3	13	14	900#
GSC8	8 ft.	3	15	16	1000#



These 3 in 1 soil conditioners combine 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 one pass operation leaves vineyard rows level, weed free, and manicured to impress your neighbors.

DUSTERS

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 lbs. capacity hopper and extended fishtail distributors, is preferred by growers with wide row spacings. The model S420 is the perfect machine for vineyards with narrow row spacings.



Model	Hopper Capacity	Fan Diameter	Wind Velocity	Width	Wt.
S420	300 lb.	15 3/4"	150 MPH	37"	230#
S530	400 lb.	19 3/4"	180 MPH	37"	310#
S530N*	400 lb.	19 3/4"	180 MPH	37"	300#

* Same narrow fishtails as S420

V-RIPPERS

The "V" design main beam and curved shanks reduce horsepower requirements. The deep ripping gives excellent soil aeration, which allows greater water penetration and absorption. This also increases root growth and penetration. All this adds up to better crops and higher profits.



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

SPINNER SPREADERS

Our 2200 pound capacity 3-point spreader features dual stainless steel spinner discs, which are extremely accurate with only 6.7% variance across the spread pattern. The spreader is supplied with hydraulic controls, so the on and off material flow can be operated from tractors with cabs. Spreader is shown with the popular 2 row band spread attachment.



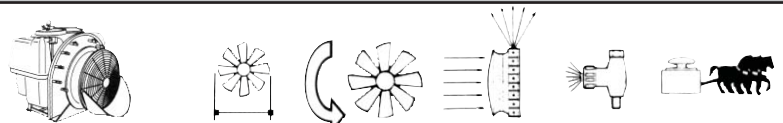
AIR BLAST SPRAYERS

Our Compact Air Blast Sprayers are ideal for small to medium size vineyards. 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.



Model	Capacity		Height	Width	Depth	Wt.
	Lbs.	Cu. Ft.				
RE-1000	2200	35	45"	59"	53"	450#

VENTURI AIR SPRAYERS



Model	Gal.	Inch	R.P.M.	C.F.M.	No.	HP
APL200	50	24"	2100	19200	8	20-25
APL400	100	28"	2100	25000	10	30-40
APL600	150	28"	2100	25000	10	40-50

These unique Venturi Air Sprayers feature the latest technology in low volume spraying. Thus, growers achieve the following benefits: spray atomization of droplets are smaller and more uniform, even distribution of concentrated spray, complete foliage coverage, better product utilization, less chemical waste, and soil/water contamination. Vineyard growers report they average 50% less "fill-ups" versus conventional air sprayers, which means getting your spraying done before the mid day winds come up.

Model	T45N1-800	T50S2-1200	T55S2-1200	T55S2-2000
Tank Cap:	200 Gal.	300 Gal.	300 Gal.	500 Gal.
Air Vol. (CFM):	3180	5000	8240	8240
Min. Tr. PTO:	36 HP	52 HP	60 HP	60 HP
Sprayer Width:	48"	55"	55"	69"
Wt. w/o Dist:	910#	970#	1020#	1320#

SPIN WEEDERS



The Spin Weeder is a "patent pending" berm tilling and in-row weeding system. The spin weeder digs into the row line, tills the soil and uproots the weeds. The spin weeders do not require a power source as they are self-powered by the forward speed of the tractor. The units can be mounted on fixed or hydraulic adjustable frames. Spin weeders operate most effectively at 5 to 7 miles per hour. The weeders do not damage plant trunks because of three special features - the adjustable spring loaded retraction system, the weeder wheels spin around the plant base and tilled soil is forced between the weeder wheel and the vine base giving additional cushion. The spin weeders were developed especially for vineyards.

Model	Row Width	Frame Adjust	3-Point Hitch	No. of Spin Weeders	Weight
KW-2460-SW	6' to 8'	Manual	Cat. 1 Rear Mount	2	870#
KW-2402-SW	8' to 10'	Hydraulic	Cat. 1 & 2, Rear Mount	2	1120#
KW-2502-SW	10' to 12'	Hydraulic	Cat. 1 & 2, Rear Mount	2	1200#