

IMPLEMENTS FOR THE CARE AND MAINTENANCE OF VINEYARDS



Make Your Vineyard More Productive

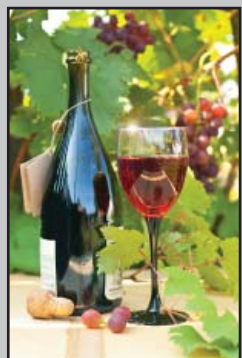
This brochure is to aid you in selecting tools to make your vineyard more productive. The 16 implements shown are key products to insure healthy vines. These tools are the top products used in vineyards throughout the world.

3-POINT VENTURI AIR - OVER THE ROW BOOM



These 3-point hitch, 2 Row Venturi Air Sprayers cover 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 travelling 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 over the row nozzles are adjustable for 6 to 10 foot rows.

MODEL	GAL.	VOL. OF AIR	WIDTH	HP REQ'D	WT.
P50N1-400-G	100 gal.	4444	44"	45 HP	510#
P50N1-600-G	150 gal.	4444	57"	45 HP	540#
P50S1-600-G	150 gal.	4875	57"	52 HP	540#



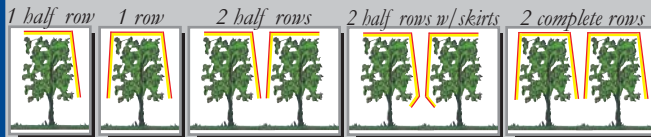
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COLLARD PROFILMATIC VINE TRIMMERS



COLLARD designed the first vine trimmers and continues to be the World leader in vine trimmers. The heart of these trim-

mers is the unique lightweight aluminum alloy extrusion that provides a rugged, rustproof framework for the cutting blades. Our trimmers eliminate excess vine growth, open canopies for better air circulation, and greatly improve spray and dust penetration.



AERWAY AERATOR

These narrow row vineyard machines are available with a single tine rotor for aerating or dual tine rotors for high speed tilling. The AWW3 Series models are available in overall widths of 41", 48 1/2", 56", and 63 1/2". The aerators will eliminate soil compaction, reduce water run off, improve moisture retention, stimulate root growth and increase yields.



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	Tires	Wt.
4T63X99	4 Ton	2.5 cu. yd.	2	1800#
5T63X99	5 Ton	2.5 cu. yd.	4	1875#

COLLARD LEAF REMOVERS



The patented COLLARD system achieves leaf removal by a flow of low pressure air produced by a 3-point hitch, PTO driven air compressor. The air is blown through the leaves at fruit level by adjustable rotating defoliating heads. This rapid pulsing air literally shakes 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.

Model #	Heads	Position	Work. Pos.	Heads Rev.
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 Row	Yes

COLLARD PREPRUNERS

The COLLARD Prepruner 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 to fall through the wire which is an aid in clean-up. The Prepruner features a dual system for opening and closing the cutting heads, unique optical cells "electric eyes" and manual hand lever.



Order No.	Cut. Ht.	Blade Spacing	No. of Blades	Wt.
0176 4201 0705	27.8"	3.2"	9	1310#
0176 4201 1825	32.5"	4.3"	8	1285#

Many other models are available

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.



Model:	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#

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	Width	Depth	Height	Wt.
SCU1000	48"	64"	55"	780#

FLAIL SHREDDERS



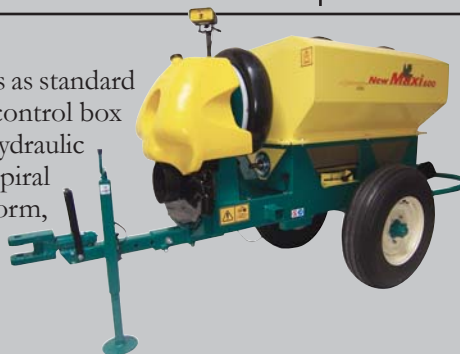
Our SFG Series of flail mower/shredders are fixed center mount, manual or hydraulic side shift. The narrow shredders come in center mount only. The two largest shredders have manual offset, return to center with optional hydraulic offset. Two style of blades can be purchased, hammer knives or double 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 Flails	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

TRAILER DUSTER

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



Model:	Hopper Cap.	Min. H.P.	Vol. of Air	Air Speed	Ht.	Width	Tires	Wt.
MAXI600-SPC	1000#	40 HP	3180 CFM	420 MPH	50"	50"-68"	9.5Lx15-8Ply	940#

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 Cap.	Fan Dia.	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

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.

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

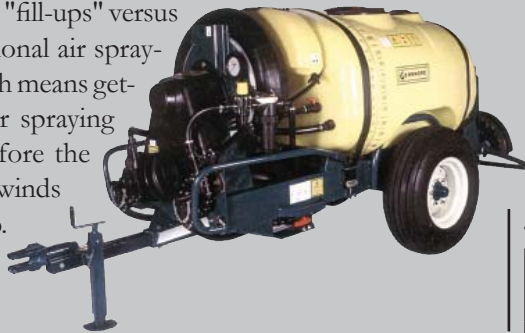
Our Volute Air Blast Sprayers are ideal for small to medium size vineyards, orchards, berries, etc. The sprayers feature reinforced polyethylene tanks with smooth lines that are gentle to the plants. The tanks are suspended from heavy duty tubular steel frames to isolate it from vibration and stress.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



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

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, 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	Gal.	Inch	R.P.M.	C.F.M.	No.	HP
APL400-V	100	28"	2100	25000	10	30-40
APL600-V	150	28"	2100	25000	10	40-50

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



Model	Row Width	Frame Adjust	3-Point Hitch	No. of Spin Weeders	Wt.
KW-2460-SW-3	6' to 8'	Manual	Cat. 1	2	1030#
KW-2402-SW-3	8' to 10'	Hydr.	Cat. 1 & 2	2	1080#
KW-2502-SW-3	10' to 12'	Hydr.	Cat. 1 & 2	2	1130#

The Spin Weeder is an effective way to control in row weeds. The unique design focuses on eliminating plant damage that can occur with hydraulic blade in-row cultivators. The Spin Weeder is equipped with spring loaded 18" diameter wheels that turn counter clockwise and create a soil buffer between the wheel and the trunk of the vines, thus eliminating damage. The "New" dual 3-gang discs cultivate an additional 15 inches on each side. These weeders are very stable and operate most effectively at speeds of 5 to 8 MPH.

Your Gearmore Dealer

