Explore more of our products by clicking or scanning here!→

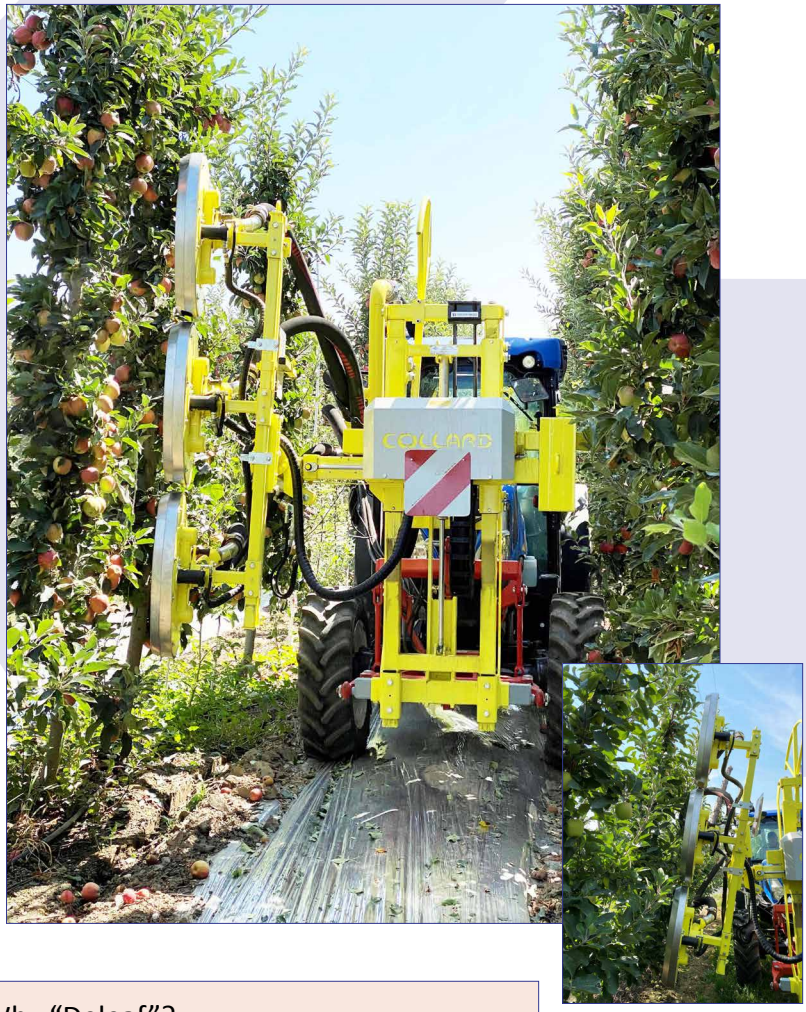
VIEW CATALOG

LEAF REMOVERS

EFFECTIVE ONE PASS SYSTEM FOR REMOVING LEAVES AROUND THE FRUIT ZONE

MAXIMIZE YOUR ORCHARD HEALTH.

There are a great number of advantages by completing your leaf removal in one pass, in lieu of 2 to 3 passes. Labor, fuel costs, time in the field, and most of all being able to finish your deleafing in a timely matter. Effective leaf removing to aid in ripening, color intensity and removing any impurities. The leaf removal is achieved by our "patented" double flow low pressure air produced by the 3 point PTO driven air compressor. The Collard system blows through the leaves at fruit level by rotating nozzles that removes the leaves from both the outside and interior of the row, achieving selective leaf removal around the apples without damage.



Why "Deleaf"?

- Rapid coloring by increasing exposure of the fruit
- Better aeration of the fruit
- Improved penetration reduces potential diseases
- Time saving during harvest, better view of the fruit, easier sorting

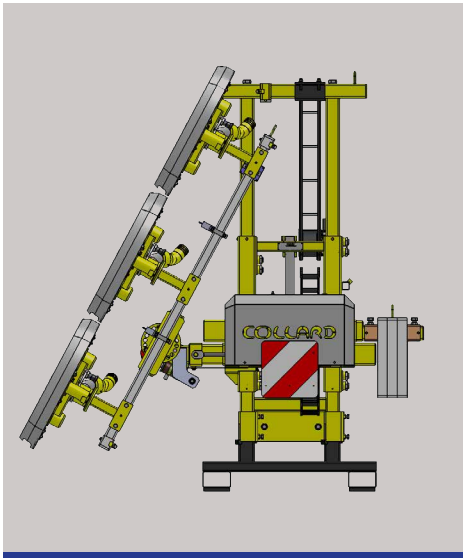
LEAF REMOVER FOR APPLES

FEATURES

- ELLIPSE-MULTIROTOR® dual rotor defoliation heads “patented”
- Requires only one pass for total leaf removing
- Unique system for selecting the air nozzle speed for your desired leaf removal requirements
- Special tapered stainless steel thin line heads, 3½ inches wide to easily enter in the foliage
- Hydraulic cylinder for adjusting heads up and down 23.6 inches
- Hydraulic cylinder for adjusting heads in and out 17.7 inches
- Hydraulic cylinder for adjusting heads from perpendicular to 10 degrees right or left
- Hydraulic angle adjustments up to 31 degrees
- Manual adjusting of heads heights
- Counterweight to add stability to the defoliation heads
- 3 point hitch, PTO driven air compressor with special prefiltration and ventilation kit
- Joystick controls from tractor
- Special reinforced frame to adjust the main beam of the defoliation heads
- Top mounted curved bracket to lift netting to insure leaf remover clearance
- Leaf Removers come with pocket brackets to aid in mounting to tractor
- The Leaf Removers come with all hoses, fitting, and JIC couplers
- Special storage stand for parking Leaf Removers



3 point hitch mounted PTO driven air compressor



Unit shown at maximum tilt of 28 degrees

SPECIFICATIONS

Order Code	Model #	Description	No. of Heads	Working Length	Weight	
					Front Unit	Rear Unit
0411 1300	E1100F.A3	Leaf Remover	3	84" (7')	1,240 lbs.	1,080 lbs.
0411 1400	E1100F.A4	Leaf Remover	4	112" (9' 3")	1,300 lbs.	1,080 lbs.

Note: Now comes standard with Cat. II, 3-point hitch. The tractor requirements are minimal 100 horsepower, 540 R.P.M. and hydraulic capacity of 6.6 G.P.M. at 2,320 PSI.

APPLE HEDGER

HEDGER CUTS BACK BRANCHES THAT EXTEND BEYOND THE APPLIES

The Apple Hedger was designed to bolt on to the Apple Leaf Remover after removing the defloration head assembly. This then allows the utilization of most of the Apple Leaf Remover components, thus greatly reduces the cost for the Hedger. The Hedger cuts back branches that extend beyond the apples. This operation makes our Apple Leaf Remover much more effective. The saw blades are recommended for branches up to 3" diameter, the swing knives are for branches up to 1 ½".



COMPONENT USED FROM APPLE LEAF REMOVER FEATURES

- Mounting brackets to the tractor
- Hydraulic height adjustment main frame
- Joystick controls operated from the tractor
- Counter weight to add stability to the cutting blades



APPLE HEDGER ATTACHMENT FEATURES

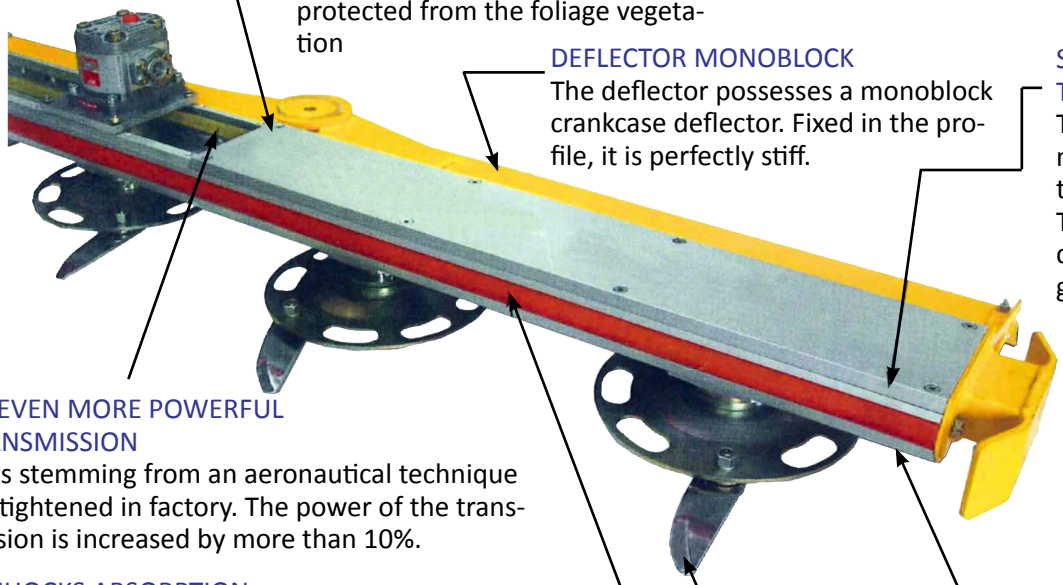
- Bolts to Apple Leaf Remover
- Maximum vertical cutting height of 9.3 feet
- Two hydraulic motors for added power
- Cutting blades tilt up to 28 degrees
- Hedger designed to mount on the right side
- Assembly and disassembly using quick couplers
- Includes all hoses and fittings
- Two different cutting heads available
- Saw blades for cutting up to 3" branches and swing blades cut up to 1 ½" diameter branches

SPECIFICATIONS

Code No.	Cutting Length	Description	Hydraulics Req.	Weight
00002748	9.3'	Hedger, 7 saw blades or 7 swing knives	10 GPM @ 2,500 PSI	260 lbs.

APPLE HEDGERS

COLLARD EXTREME DUTY CUTTING ELEMENTS WERE DESIGNED TO NOT FLEX OR BEND



TRANSMISSION PROTECTED
The transmission case is totally protected from the foliage vegetation

DEFLECTOR MONOBLOCK
The deflector possesses a monoblock crankcase deflector. Fixed in the profile, it is perfectly stiff.

SCULPTURED FOR THE CUTTING
The body profile aerodynamism was study to facilitate the vegetation penetration. This profile also facilitates the cut branches evacuation, and great flow.

AN EVEN MORE POWERFUL TRANSMISSION
Belts stemming from an aeronautical technique are tightened in factory. The power of the transmission is increased by more than 10%.

SHOCKS ABSORPTION
The profile edge attack is in synthetic material, it absorbs the possible shocks, masks flow of connections between modules and facilitates the cut branches evacuation.

OPTION:
- PTO driven hydraulic pump kit

CUTTING QUALITY
This material is well polished to the new sharp edge poly chromed knife edge which greatly decreases clogging. The COLLARD polychromed knives improve the cutting quality.

BODY IS STAINLESS ANODIZED LIGHT ALLOY MINILEM PROFILE
The alloy body is as strong as many steels and is rigid against twisting and flexing.

Saw blades are best for large branches.
Flail knives are best for small branches.



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