

MISTBLOWERS

- ZEBRA
- ZATURN
- MERCURY



MERCURY 4000

- Heavy duty sprayer
- High performance symetrical fan
- Fan straightening blades
- Synthetic blades, reliable and safe
- Top mounted V-Deflectors
- Adjustable Large double bottom deflectors
- Customised to your specifications



ZEBRA



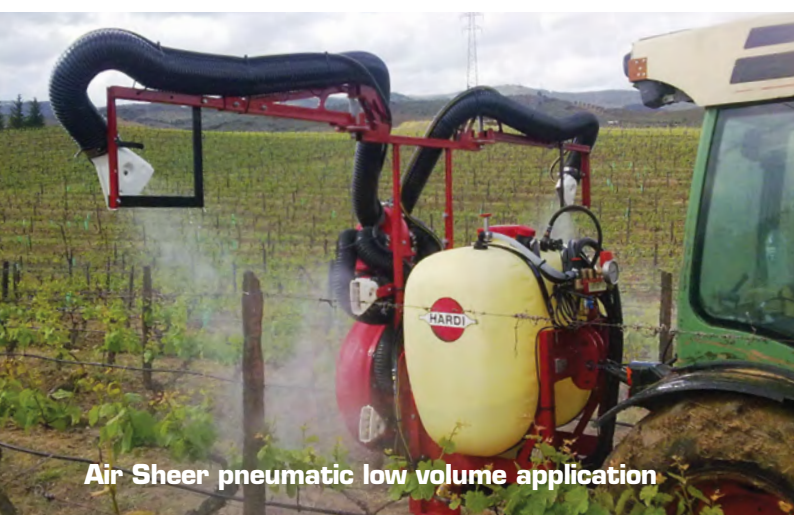
Adaptable to any type of fruit culture



Cannon sprays out to 27 metres



Versatile high/low hydro-pneumatic sprayer



Air Sheer pneumatic low volume application

Family of MISTBLOWERS for growers who want the convenience of a linkage sprayer with the power of a trailer sprayer

Compact and efficient

- Lift mounted mistblowers available from 400, 600 and 1000 litres.
- A wide range of fan and turbine choices to provide optimum air generation for specific crop and working conditions.
- The air delivery systems ensures maximum air volume with the minimum power consumption.
- High quality air volume enables higher forward speeds while maximising penetration and efficiency of application.
- Chassis and tank profile provides low centre of gravity ideally suited to narrow and steep working plantations.
- Reliable, robust and easy to operate.
- Easy access for servicing.
- ZEBRA is designed for maximum drift control and minimum environmental impact.
- V-Deflector directs upper air to the target
- Adjustable bottom deflectors ideal for large trees



V-Deflector

Hydro-pneumatic solutions to suit your application

Hydraulic Nozzle droplets are formed when the liquid passes through the aperture. Droplet size is small to medium and operating pressure is 4 to 25 Bar.



Spout with 3 nozzles



Spout with 5 nozzles

Low volume Pneumatic Systems produce droplets when the spray liquid is torn off a shear plate by high speed air. Droplet size is very fine and operating pressure is between 1 and 4 Bar



Canon



Spout with 2 atomizers



Spout with 3 atomizers



Spout with 4 atomizers

ZATURN



Family of MISTBLOWERS for growers who don't need the sophistication of the Mercury range

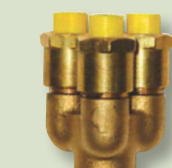
Versatile tank and fan range

- 15 litre Hand Wash Tank for operator safety
- 70 litre Rinse Tank for in field cleaning (optional)
- Axial Fan 750 and 820 mm with latest synthetic blades for performance and safety
- Turbine Fan producing high speed and high pressure air for pneumatic air sheer low volume spraying
- 1500 litre ideal for steep terrain, with low centre of gravity and only 1350 mm wide
- 2000 litre fitted with stainless steel Tree Deflector delivers air to the target and minimises drift
- 3000 litre COVAMAX fitted with walking beam axle

Improve your application and coverage with nozzle adaptors



Dual adaptor body, two jets required 739375



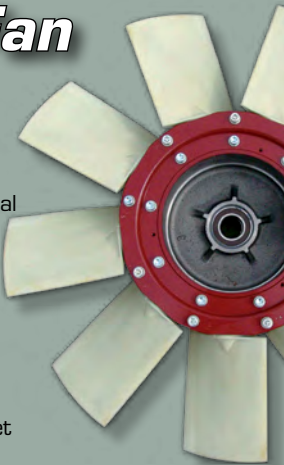
Triplet adaptor body, three jets required 739290



Triplet adaptor body, three nuts and jets required 631304

Poly Fan

- 3% more air, blades made from composite synthetic material
- Shock and fragmentation resistant
- The safest axial fan in the market



Tree Deflector

- Maximises air to the target and minimises off target drift
- Stainless steel construction
- Adjustable top deflectors



Vine Deflector

- The adjustable V-deflectors accurately directs air and sprays onto the target
- Stainless steel construction



Tanks

- Made from high-impact polyethylene
- Excellent UV and chemical resistance



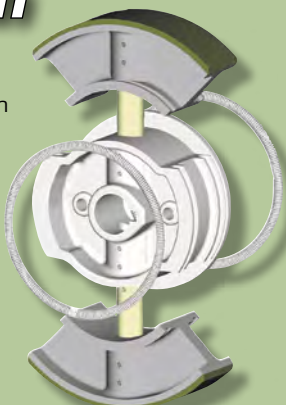
Tyres

- Options to suit all needs flotation, high clearance



Clutch

- Heavy duty centrifugal clutch for smooth engagement and outstanding reliability

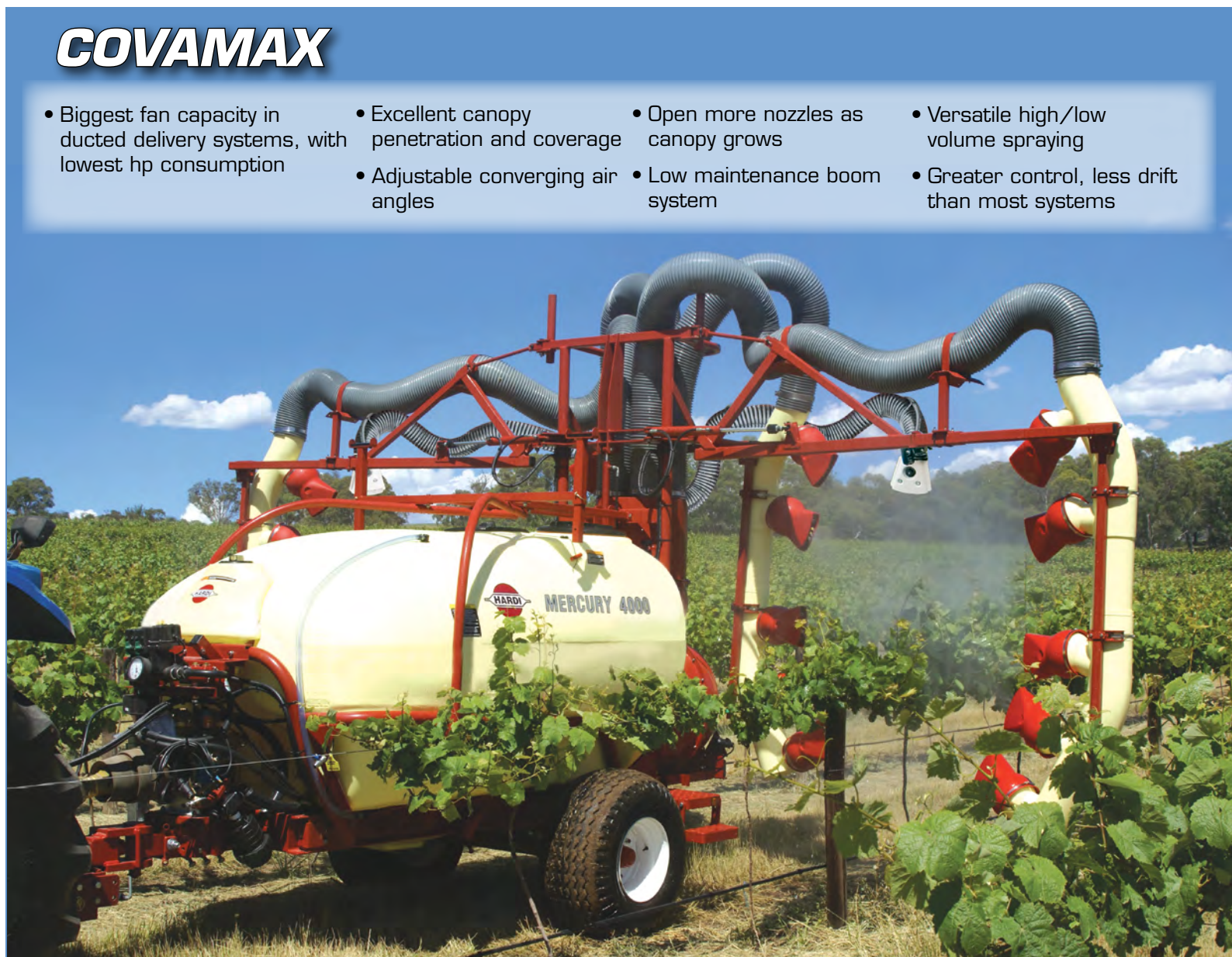


MERCURY



- Nozzles located outside the air stream to minimize turbulence and optimize droplet formation
- Streamlined polyethylene dual lined fan housing for maximum impact resistance and safety
- Clutch dome deflects air to the blades to improve air performance
- Vanes mounted parallel to the air intake prevent vortexing and improve distribution

COVAMAX



- Biggest fan capacity in ducted delivery systems, with lowest hp consumption
- Excellent canopy penetration and coverage
- Adjustable converging air angles
- Open more nozzles as canopy grows
- Low maintenance boom system
- Versatile high/low volume spraying
- Greater control, less drift than most systems

Braglia

- High pressure regulation and distribution control with constant pressure valves



FB 3610/DB 3610 Rate Controllers

- Quick to connect
- Easy to use



HARDI Gearbox

- Heavy duty gear box for big fan and high power requirements
- 20/30



HARDI 364

- 364 diaphragm rotary pump
- Dry sump for easy service, rated to 20 Bar
- 194 litres per minute



HARDI 464

- 464 diaphragm rotary pump
- Dry sump for easy service, rated to 20 Bar
- 320 litres per minute



Large Deflector

- Adjustable large bottom deflectors
- Multiple vanes



CANNON

Indent Only

Adapts to crops with difficult spraying conditions, providing coverage up to 12 metres vertical and 27 metres horizontal

Powerful and versatile

- Two turbines available, provide optimum air distribution and maximum air volume, to match the spraying task 11,000 m³/3 and 19,000 m³/3
- Individual combinations of three different spouts provide the versatility and power
- The CANNON can be fitted to the linkage mounted ZENIT and the trailed ZATURN – tank sizes available from 400 to 3000 litres.
- Left to right hydraulic swinging spouts 180 degrees
- Hydraulic slanting spouts from -10 Degrees to 80 degrees vertical
- Heavy duty two-speed gear box and centrifugal clutch for smooth engagement and outstanding reliability



L-Spout

T-Spout

MISTBLOWER Configurations:

Model	Capacity (litres)	Pump	Axial or Turbine	Air kits available
ZEBRA	400 600 1000	Diaphragm	Axial Blowers: Hydro-pneumatic:	AG 750 AG 820 P 540 P 540 Double
ZATURN	1000 1500 2000 3000	Diaphragm	Axial Blowers: Hydro-pneumatic:	AG 750 AG 820 P540 P540 Double Turbine P640D Double Turbine
MERCURY	2000 2300 3000 4000	Diaphragm	Axial Blowers: Hydro-pneumatic: Air Sheer low volume optional high volume spouts available	SF65 and SF85 symetrical fan DUO DHT/DHV deflectors P640 Double Turbine COVAMAX Boom



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HARDI Australia operates from 15,000 sq metres of modern factory and office facilities on a 10 hectare site in Adelaide to research, manufacture and distribute efficient crop protection equipment for local and export markets