

# MISTBLOWERS

- ZEBRA
- ZATURN
- MERCURY

**CNE**  
AG INNOVATIONS



## 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



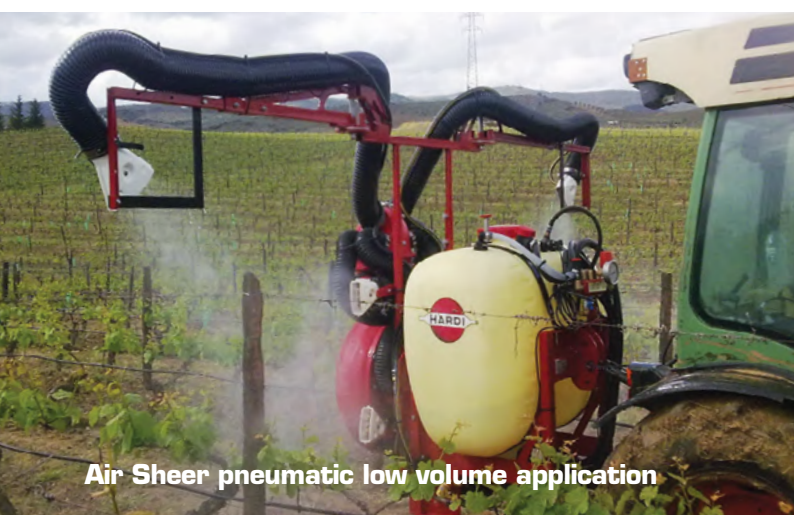
Adaptable to any type of fruit culture



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



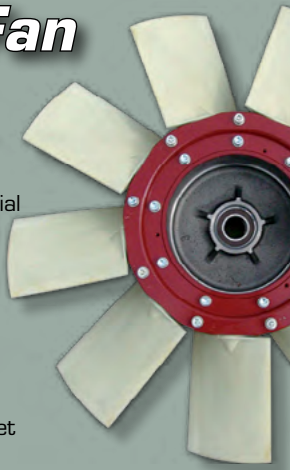
Triplet adaptor body,  
three nuts and jets  
required  
631304





## Poly Fan

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



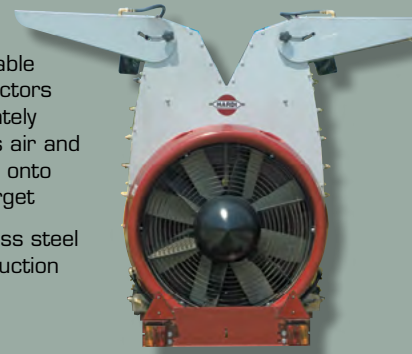
## Tree Deflector

- 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



## 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

## Braglia

- High pressure regulation and distribution control with constant pressure valves



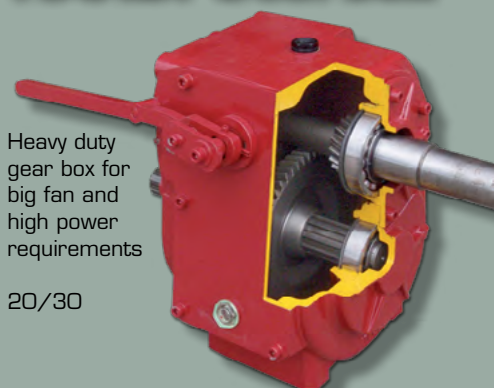
## FB 3610 / DB 3610 Rate Controllers

- Quick to connect
- Easy to use



## HARDI Gearbox

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





## Tanks

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



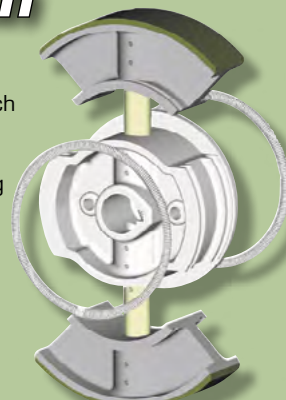
## Tyres

- Options to suit all needs flotation, high clearance



## Clutch

- Heavy duty centrifugal clutch for smooth engagement and outstanding reliability



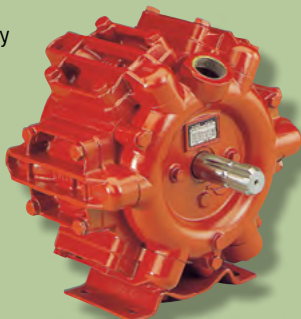
## COVAMAX

- 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



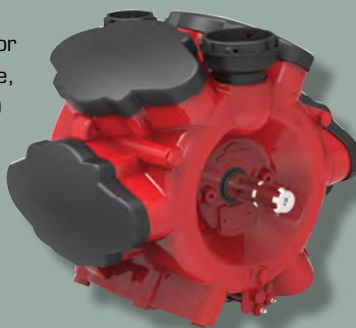
## HARDI 364

- 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 m<sup>3</sup>/3 and 19,000 m<sup>3</sup>/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

## 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 symmetrical fan DUO DHT/DHV deflectors  P640 Double Turbine COVAMAX Boom



"FROM FARMERS, FOR FARMERS"

CNE Ag Innovations Pty Ltd  
15 Ferguson St, Kewdale 6105

**P. 1300 026 603**

[www.cneaginnovations.com.au](http://www.cneaginnovations.com.au)