

# arbus 1000

FOR FRUIT GROWERS

## WILL FOLLOW YOU EVERYWHERE

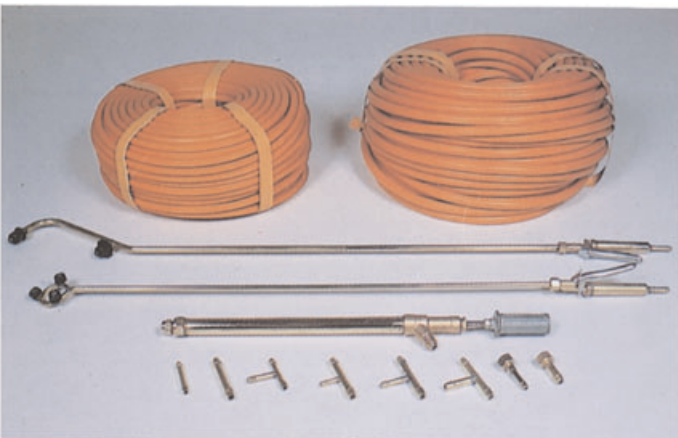


### TRACKING AXLE:

It permits to continue spraying uniformly on sharp turns with no need to disengage the PTO, avoiding unnecessary maneuvers. PTO shaft with safety guard.

The Arbus 1000 has a 2.75 m (9ft) turning radius so you never cut corners... versatile attachments make it perfect for orchards, vineyards and row crops.





### OPTIONAL ACCESSORY

The Arbus 1000 can be equipped with 2 hoses and guns for localized spot spraying.

## SPECIFICATIONS

<b>DIMENSIONS</b>		<b>TANK</b>	
Length	3.80 m (12' 6")	Capacity	1000 l (265 gal)
Width	1.34 m (4' 5")	Material	Fiberglass with smooth external finish
Height	1.20 m (3' 11")	<b>FILTER</b>	
<b>TRAILER</b>		Model	FVS 101
Track width	1.15 m (3' 9")	<b>PRESSURE CONTROL</b>	
Tires	7.35/14 (6 ply)	Pressure gauge	Glycerin filled
Tire pressure	2.5 kg/cm <sup>2</sup> (35 psi)	<b>SPRAY CIRCUIT</b>	
Clearance	0.25 m (10")	Spray tubing	Stainless steel
<b>NOZZLES</b>		Level indicator	Hose attached to tank
Type	JA-2	Agitator	Mechanical
Material	Alumina	Working speed	Up to 6 km/h (3.75 mph)
Feature	Adjustable	Performance	Up to 20 ha/dia (49 acres/day)
Working pressure	Max: 21 kg/cm <sup>2</sup> (300 psi)	Applications	Fruit crop, medium and low nursery plants.
Number	18		

### FEATURES

VERTICAL AIR DIRECTIONAL FLAP PUMP

PUMPING CAPACITY  
WORKING PRESSURE  
POWER CONSUMPTION

AXLE

BYPASS VALVE

WEIGHT: FIXED AXLE

TRACKING TRAILER

### PUMP JP - 75

OPTIONAL

JP-75

75 l/min (20 gpm) at 540 rpm

28 kg/cm<sup>2</sup> (400 psi)

5.3 HP at 28 kg/cm<sup>2</sup> (400 psi)

Fixed/Tracking

2 way valve

525 kg (1157 lb)

540 kg (1190 lb)

### PUMP JP - 100

OPTIONAL

JP-100

100 l/min (27 gpm) at 540 rpm

28 kg/cm<sup>2</sup> (400 psi)

7.0 HP at 28 kg/cm<sup>2</sup> (400 psi)

Fixed/Tracking

2 way valve

535 kg (1180 lb)

550 kg (1210 lb)

### STANDARD

### OPTIONAL

FAN: PULLEY DIAMETER

RPM

AIR VOLUME

AIR SPEED

TOTAL POWER CONSUMPTION: with JP-75 PUMP  
with JP-100 PUMP

89 mm (3.5 in)

2000

9.7 m<sup>3</sup>/s (20,550 cfm)

151 km/h (94 mph)

21.5 HP at 28 kg/cm<sup>2</sup> (400 psi)

23.5 HP at 28 kg/cm<sup>2</sup> (400 psi)

100 mm (4 in)

1800

8.7 m<sup>3</sup>/s (18,434 cfm)

136 km/h (85 mph)

17.5 HP at 28 kg/cm<sup>2</sup> (400 psi)

19.0 HP at 28 kg/cm<sup>2</sup> (400 psi)



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# A light, robust and versatile sprayer designed for small and medium size trees.



## LOW PROFILE

Height: 1.2 meters (4ft).  
Meets the requirements of different types of orchards.



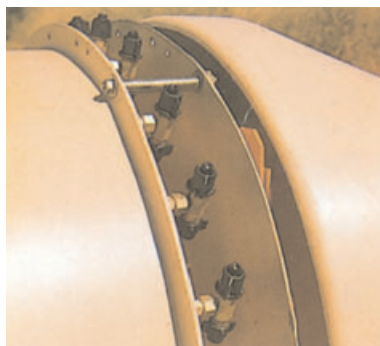
## FAN

Equipped with switch off device to reduce power consumption when use of fan is not required as for gun spraying. Reinforced frame to protect against impacts on the soil.



## NOZZLES

Stainless steel tubing mounted with 18 adjustable ceramic nozzles with individual shut off valve.



## PRESSURE GAUGE

Glycerin-filled for longer life and precision.



## PUMP

High-pressure, cast iron piston pump with ceramic cylinders. Highly resistant to abrasion.



## FILTER

High-volume (polypropylene) filter with stainless steel screen and shut off valve to facilitate cleaning.

