



ARBUS DIAMOND

An Efficient, Robust And
Versatile Sprayer

ARBUS



Tank and Chassis

1,500-liter polyethylene tank with excellent external finishing. Its design allows that tires be inset into the tank for a narrower profile which facilitates the spraying job in tight planting rows. Built to resist well the toughest working conditions.

Chassis with side folding platform and jack of easy access and operation. Clevis type hitch provides adjustments of height and distance for different tractors.



Nozzles

The **Arbus Diamond** is provided with 12 nozzles on each side for different spraying volumes. The ceramic nozzles are very resistant to abrasion and corrosion. The nozzles holders can be adjusted for a better positioning of the spray and provides the individual flow shut-off whenever necessary.



Ideal for apples, peaches, almonds, ornamentals, tangerines and ne...

Compact •



Fan

Delivers high air volume for more penetration and improved coverage. Has 850-mm diameter and fiberglass-reinforced nylon blades that resist well the chemical corrosive action. The air generated by the lower part of the fan is deviated to provide a uniform spraying and an excellent coverage of the highest parts of the trees.



Chemical Mixer/ Container Rinse Nozzle

Incorporates the chemical into the tank and provides the pressure-wash of chemical containers, which residues are combined with the solution in the 1,500-liter tank, in a safe and quick operation.



Pump

Designed to work at high pressure (400 psi) and to pump 150 Liters at 540 rpm, whether spraying concentrated or diluted chemicals, its moving parts are oil-filled. There is no need to remove it for maintenance or service.



Cable-Operated Control

Mounted to the tractor in an easy-to-reach position for the operator.



Wide Angle C.V. PTO Shaft (optional)

Provides maneuvers up to 75° without disengaging the tractor PTO, thus improving the efficiency.

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ches, plums, pecans, apricots,
l trees, grapes oranges, limes,
rines.

Robust • Modern



Clean Water Tank

For washing the chemical circuit (filter, pump, control hoses, tubings and nozzles), providing longer useful life to the equipment, the operator's hands and the chemical containers.

Gearbox

The integrated gearbox and fan system of **Arbus Diamond** allows operations with tractors of any size by just shifting a single lever conveniently placed.

Two speeds (1,835 or 2,000 rpm) plus neutral give the exact variation required to adjust PTO speeds and tractor engine torques so as to match up the size of your tractor with the size of your trees without changing sprayers.



To meet the current needs of the farmer, Jacto developed the **Arbus Diamond 1500**. Its ventilation system has shown the best results in the chemical penetration and coverage of the plant. The construction of the air distribution housing, combined with the fan power, provides a spray flow that efficiently controls the most difficult pests and diseases.

Jacto, 55 years creating solutions to ensure economy and higher productivity to the farmers in more than 80 countries around the world.

High Quality Components Ensuring the Equipment Durability

TECHNICAL SPECIFICATIONS	ARBUS DIAMOND 1500
Dimensions: (length x width x height)	4.01 x 1.90 x 1.47 m
Weight	660 kg
Tank	1,500 liters
Tank for chemical circuit rinse	150 liters
Tank for hands wash	15 liters
Tires	7.5 x 16
Pump	JP-150, for 150 L/min
Control	remote-operated
Pressure gauge	400 psi - glycerin-filled
Filter	FVS-200
Agitation	Mechanical
Adjustable track width	1.23 to 1.55 m
Nozzle	24
Fan	850 mm diameter
1st rotation	1,835 rpm
2nd rotation	2,000 rpm
Air volume:	
1st rotation	13.9 m ³ /s
2nd rotation	15.4 m ³ /s
Air speed:	
1st rotation	33.4 m/s
2nd rotation	36.9 m/s
Power consumption at the fan	
1st rotation	27 HP
2nd rotation	33.5 HP
Optional items	
Quick fitting connection for gun	
Pump JP-100 (100 L/min)	
Filler unit	
2 guns with 10-meter hose	

Jacto reserves the right to change its products without prior notice. 09/2011



Jacto people are committed to serve the farmer.

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