



Every Drop Counts

# ORCHARD 200 (STOS-200)



- Suitable for 18 & above HP tractors
- Uniform spraying with 100% coverage
- Proven chemical and labour & time saving
- Uniform and effective fine droplets
- Suitable for high density horticulture crops
- More yield, saving: Higher income

## Standard Features & Accessories



**DIAPHRAGM PUMP**

54 lpm pump for uniform pressure, less maintenance



**200 LITER CHEMICAL TANK**

HDPE material: Durable & Long life



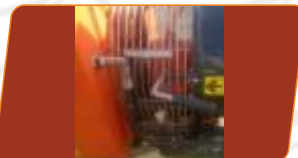
**BRASS NOZZLE WITH CERAMIC TIPS**

Longer Life, fine spraying



**550 MM DIAMETER FAN**

High Air output with uniform volume from all nozzels



**2 SPEED PLUS NETURAL GEAR BOX**

Suitable for various canopy sizes



**PRESURE CONTROL VALVE**

5 mode pressure control valve for different discharge control

**SAFETY DEVICE:** Pressure relief valve & rubber coupling to protect pump from high pressure and shock loads.



# Technical Specification

Model Name	ORCHARD 200 (STOS-200)
Tractor Power (HP)	18 Hp and above
Tractor PTO speed	540 RPM
Machine Atteachment	Fixed type special atteachment plate & 3 Point Linkage
Machine Weaight (Kgf/lbs)	208 / 458
Machine Overall Diamension (mm)	1590 X 1470 X 1070
Chemical Tank Capacity	200L HDPE Tank
Spray widht (m)	6 meter(3m each side)
Fan	9 blade 550 mm dia.
Agitator	Powder Mixing
Nozzle Type	Two way type brass nozzle provide for accurate delivery of chemical
Nozzle Disc	Ceramic disc 60° , hollow cone
Disc Required Pressure	Hollow cone : Min. 7 bar , Max 40 bar
No of Nozzle	10 Nozle (1.0 ceramic disc + 1.2 ceramic disc)
Diaphragm Pump	550 RPM
	LPM: 54 L/min
	Max. Pressure: 40 bar
Pressure control valve	5 mode imported Pressure control valve for discharge control
Shut off valve	Size: 1"1/4 BSP & Falling capacity 100 L/min
Suction Filter	Size: 1"1/4 BSP capacity 100 L/min
Gear Ratio	Low - 1 : 4 & High - 1 : 5
Air output m3/hr	Max 12,240 m3/hr
Belt Size	V-Belt B36 x 2 Nos.

The company reserves absolute right to modify the specifications of machine and components their in without any prior notice. Accessories shown are not the part of standard equipment.



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