



PROTEKTOR 600

Self Propelled High Clearance Boom Sprayer

SHAKTIMAN PROTEKTOR is especially designed for wider range and coverage of crops to spray all types of pesticides, weedicides and fungicides. High ground clearance ensures no damage for tall ground crops like Cotton, Sunflower, Paddy, Chilli etc. Its compact design, hydrostatic and hydraulic system enable it to perform spraying operation easily and effectively.

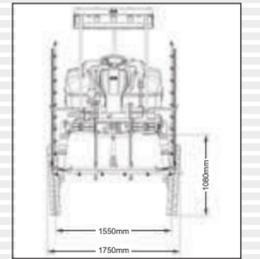
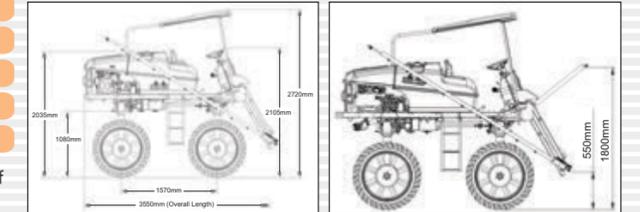
Advantages

- Wider boom length span ensures extensive coverage
- High ground clearance saves tall crops like Cotton, Paddy, Chilli etc. against damage while spraying
- Equipped with efficient Nozzles for deep penetration of pesticides and top to bottom leaf surface coverage
- Spray more acres in reduced time

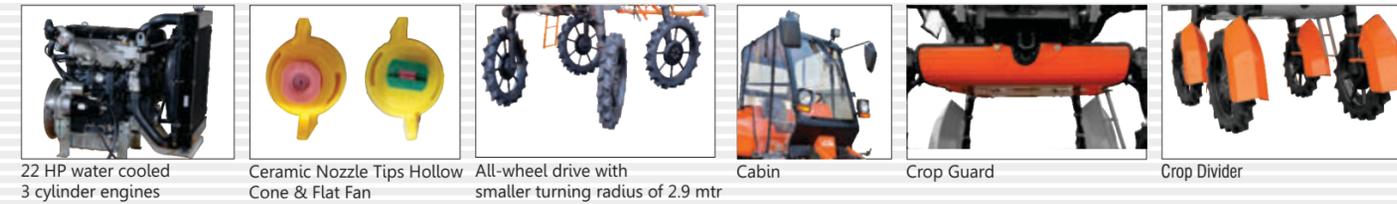
Remarkable flexibility of the machine is well suited to cater all needs of end user. It is equipped with 2 way triple action nozzles with extra mileage of ceramic discs that blast the spray into low micron droplet size, assuring appropriate penetration into crops and saving of chemicals.

PROTEKTOR 600 - Self Propelled High Clearance Boom Sprayer

Machine Dimensions*		Weight	
Overall Length (mm)	3550	Weight Dry. (Kg/lbs)	995 / 2194
Overall Width (mm)	1750	Pesticides or Chemical Holding tank	
Overall Height (mm)	2720	Pesticides or Chemical Holding Tank Capacity (Ltr.)	600/400 ltr. (Optional)
Wheelbase (mm)	1570	Agitation	
Tread (mm)	1535	Agitation Method	Jet Agitation
Effective Ground Clearance (mm)	1080 (Axle housing)	Spray Pump	
Min. Ground Clearance (mm)	1040	Type	3 Piston Diaphragm Pump
Engine		Pump Revolution (rpm)	540
Type	Water-cooled 4-cycle, 3-cylinder standing diesel engine	Suction Capacity (L/min)	54
Total Displacement (L)	1.028	Max. Pressure (Mpa/psi)	4/580
Rated Output (kW(PS)/rpm)	16.5(22.4)/3000	Height adjustable pesticides or chemicals control unit	
Starting Method	Key starter (Battery 12 V DC)	Height Adjustable Pesticides or Chemicals Control Unit	Both Swivelling booms opened/closed, individually
Fuel tank		Nozzle Type	2 way Triple Action
Fuel Tank Capacity (L)	20	Nozzle Discs	Ceramic 80° Hollow Cone & 110° Flat Fan (Both)
Transmissions Details		Nozzle Discs	Changeable (As require)
Type	4WD.4WS	Number of Nozzles	16 (6+4+6)
Steering System	Full hydraulic power steering	Number of Divisions	3
Gear Shifting	Hydro Static Transmission system (For variable shift and reverse forward movement), 2 shift gears	Spray Width (Meter)	7.8
		Ground Clearance of Nozzle (mm)	550 (min), 1800 (max)
Traveling Speed (km/h)	Traveling: 0-10 / Spraying: 0-5.0	The company reserves absolute rights to modify the specifications of machine and components therein without any prior notice.	
Brake (also used as parking brake)	Wet, multi-disk, mechanical type		
Tyres (front/rear)	120/90-26 4PR (Air pressure: 240 kpa)		
Tyre OD (mm)	940		
Tyre Width (mm)	123		



Standard Features & Accessories :



22 HP water cooled 3 cylinder engines Ceramic Nozzle Tips Hollow Cone & Flat Fan All-wheel drive with smaller turning radius of 2.9 mtr Cabin Crop Guard Crop Divider

*Accessories shown are not part of standard equipment.



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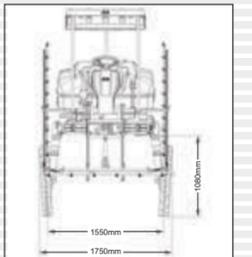
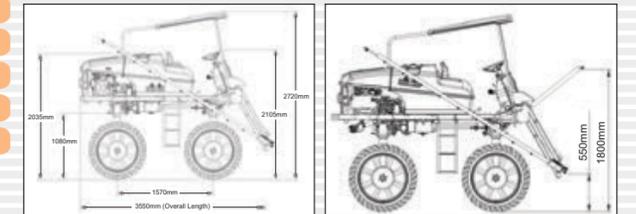
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Cabin



Crop Guard



Crop Divider

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