

Self-Propelled Boom Sprayer with 500-Liter Tank

This self-propelled boom sprayer is designed for agricultural applications. It features a robust chassis, high-flotation tires and a boom system for efficient and uniform application of liquids.



ADDITIONAL IMAGES



Overview

High-Efficiency Self-Propelled Boom Sprayer

The SWAN3WP-500 is a professional-grade self-propelled boom sprayer designed for precision agricultural applications. Equipped with a robust diesel engine and a 500-liter pesticide tank, it offers exceptional maneuverability through 4WD and 4WS systems. Its automated boom control and high-clearance design ensure uniform coverage and reliable operation across diverse field conditions.

Performance Metrics

Core Specifications

500 L

Tank Capacity

13 m

Spraying Width

1100 mm

Effective Clearance

17.1 KW

Rated Power

Technical Dimensions

Physical Dimensions

Attribute	Value	Unit
Length	3400	mm
Width	1850	mm
Height	2460	mm
Weight	880	kg

Engine & Drive

Engine Details

- Type: 3-cylinder, 4-stroke, vertical diesel engine
- Displacement: 0.904 L
- Rated Speed: 3600 rpm
- Fuel Tank: 20 L
- Starter: Electric

Moving System

Drive Features

4WD, 4WS, HST Transmission, Wet Multi-Disc Brake

Spray System

Spray Characteristics

- Pump: 3-Cylinder Piston Pump
- Max Pressure: 1.5 MPa
- Spray Width: 13m (including side nozzles)
- Nozzle Count: 21 conical + 4 side nozzles
- Nozzle Height: 460-1390 mm