

InFront & Over the Top



Peake STS-XT, Sprayer Specifications

Engine and Drive. Turbo charged **Cummins BTA6** engine, 149kw @ 2200 rpm. Infinitely variable speed hydrostatic drive controlled through multi-function joystick. Constant 4 wheel drive. High range 2-wheel drive for road transport. Heavy-duty wheel motors.

Chassis, Steering & Suspension. All welded high quality rectangular steel sections. Power assisted front wheel steering with telescopic arms fitted with independent air ride suspension, live air supply and auto-load sensing adjustment providing 210mm of independent wheel travel. This ensures improved operator comfort and that all wheels are making ground contact irrespective of ground conditions. Under frame ground clearance 2m with 38" wheels.

Cab. Fully Air-conditioned with RESPA-CFX and mechanical suspension seat provide's daylong driver comfort. The uncluttered control layout allows for excellent view of the "InFront" Boom. Bright LED lights are positioned to give you a superior view of the boom and field during night-time spraying.

Spray tanks. Single 304 Stainless steel tank of 1500 lt to 3000 lt mounted behind cab. Venturi agitator in tank. Easy fill connectors at ground level from the front, with high volume inline filter.

Spray pumps. Hydraulically driven pump, mounted next to tank of adequate capacity for high volume spraying.

Spray Boom. Peake "InFront" boom is of all steel construction for South African conditions. Configurations are available in widths, up to 26 m, to match your spray pattern or planter width. Hydraulically operated folding and lifting system with fingertip control from the drivers seat. Boom height variable between 800 and 2800mm. Fingertip control on multifunction joystick.

Spray fluid control system. TeeJet metering and computerised fluid application rate regulating system.

Tyres. 340/85 R38 Radial ply tyres ensure adequate carrying capacity and minimum compaction.

Track width. Mechanically adjustable from 2200 to 3700mm, wider width optionally available.



Peake Equipment

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Woodspec CC (1999/051586/23). VAT 4350185171.

Equipping You For The Future



PEAKE STS-XT - 19m - 26m Boom

Specifications

Cab	Woodspec Built for single operator.
Glass Type	Tempered-flat front, sides & rear SABS approved safety glass.
Seat	High back vinyl covered adjustable Mechanical Suspension seat.
Wipers	Single speed wipers.
Rear view mirrors	One on each side of the cab.
Gauges	Tachometer for engine speed, engine temperature, oil pressure and hour meter & fuel level gauges.
Warning lights	Alternator charge, water temp & oil pressure light.
Steering Column	Adjustable tilt.
In Cab Air Con	Air conditioner with multi-range adjustable fan with 3 adjustable air vents.
In Cab Air Filtration.	RESPA CFX filter.
Lighting	4 Field view LED work lights front, 2 side & 1 rear, 5 in total.
Engine	Turbo charged Cummins BTA6 diesel engine, 149kw @ 2200 rpm. Suction cooling fan for radiator.
Engine Air Filtration.	Engine fitted with Donaldson high volume air filter.
Fuel Filter	Fitted with Cummins standard fuel filter and "in-line " auxiliary filter.
Drive System	Pressure compensated hydrostatic pump with manual displacement control driving four fixed displacement Black Bruin wheel motors. Constant 4 Wheel Drive.
Travel Speed	4 W Drive. Operation mode. 0 - 20 km/h.
Hydraulic oil cooler	High volume external air cooled oil cooler fitted with 12 volt DC fan.
Suspension front & rear	Telescopic arms with independent air cushion suspension.
Steering	Front wheel, hydraulic activated via 90mm diameter cylinders. Heavy duty rod ends.
Suspension Air supply	Engine driven compressor, reservoir and levelling valves.
Fuel Capacity	220 Liter Steel tank fitted with screen and lockable filler cap.
Ground Clearance	2000 mm under cross beams.
Track Widths	2200 mm - 3700 mm manual adjust.
Turning circle	8.3 meter radius at 3.3 meter track and 6.3 meter radius with optional, All Wheel Steering.
Wheel Base	2830 mm.
Dimensions	L- 8200mm, W - 4160mm, H - 3735mm (fitted with 19m spray boom)
Dry Weight	5900kg (fitted with 19m spray boom)
Max. Axle Loading	6000kg - Front and 6800kg - Rear.
Tyres	38" wheels and 340/85 R38 tyres / 13.6 - 38 Radial.
Access	Folding rear ladder with service platforms & hand rails.

Spray Section

Solution Tanks	304 Stainless steel tanks, 1500 - 3000 litter capacity. Not suited for liquid fertilizer or similar chemicals.
Agitation	Spray mixture via venture.
Product Pump	Hydraulically-driven Bertolini diaphragm pump 120l/min.
Boom	19 - 26 meter hydraulically operated folding tubular section steel dry booms.
Breakaway	Hydraulic breakaway, additional spring tip breakaway .
Boom Height Range	800mm - 2800mm
Nozzle Spacing	500mm
Boom Plumbing	19 - 26m - 3 sections with 13mm pressure line, 13mm feeder.
Filters - Spray Fluid	1 - 40mm suction filters & 3 - 20 mm pressure filters in spray line.
Spray Control	TeeJet spray controller with auto flow and pressure controllers. 3 boom section controls, flow measurement, filter and auto pressure relief valve. .
Spray Monitor	TeeJet 884E electronic computerized spray controller providing constant flow proportional to ground speed and data related to spray area and volumes.
Nozzles	TeeJet Triple nozzle body, includes ChemSaver® diaphragm check valve for drip-free shutoff. Opens at 0.7 bar. <u>Nozzles Tips & Caps Not Included</u> Nozzle sizes/type to customer preference.

Optional Extras

Additional Lights	Kit including 4 work lights, relays, wiring and switches.
Windshield Washer	Windshield washer bottle, hose and nozzle.
All Wheel Steering	Additional steering wheels on the rear. (Must also have rear suspension fitted)
Auto Steering	Using the legendary TeeJet FieldPilot system.
GPS, Light Bar	Using TeeJet technology.
Swath Control	Using the legendary TeeJet BoomPilot system.
Spray Booms	19, 22, 24 & 26 meter booms optionally available.
Nozzle behind rear wheels	
Front and rear wheel shields/fenders (straw dividers)	
High volume plumbing and pump up to 300l/min.	
Optional wheel sizes available	
Optional spray pumps available	



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