

CROP SPRAYERS

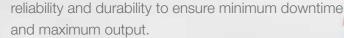


Sands Agricultural Machinery Ltd

have been involved in the application of agrochemicals since the 1960s and have been designing and building self-propelled crop sprayers since 1975. This has given the Company a wealth of knowledge and experience that enables them to produce high specification machines to satisfy the demands of today's farmers and growers.

The latest Horizon range of self-propelled crop sprayers has been designed to offer maximum in-field performance with the highest level of operator comfort. Available in five model sizes, these technically advanced sprayers have been developed in house by Sands and have incorporated numerous 'operator' led features. This has made the Horizon a true drivers' machine, with the impressive cab layout allowing for long days spraying without excessive fatigue.

All the components used in manufacture have been carefully selected for quality,





In upgrading our sprayer we found that the Sands offered the better package given the wet spring. It has performed over expectation with a light footprint, tighter turning enabling us to travel when others have been struggling

Sam Stephenson, Wandale Farm, Yorkshire.







Horizon 3000 Options

- Global Positioning System (GPS)
- Electric or Hydraulic Steering Kits
- Boom Levelling
- Sands VG Boom Upgrade
- Twin Lines (Duo-React 4+1)
- 2" Hydraulic Fast Fill Pump
- 2" Fast Fill Port
- 400 lpm Pump Upgrade (Dual Speed)
- Simple Infill Water System
- Blue Boom Lights & Mixing Hopper Light
- End Jets (Cab Controlled)

- High Power Pressure Washer
- Simple Washdown System
- Side Mounted 25 Litre Mixing Hopper
- Front Mounted Slug Applicators
- Dual Ride Suspension
- Automatic Headland Boom Lift
- Drawbar
- Mudguard Extensions
- Tank Rack
- Extra Strobe Lights for Road Use
- Forklift Point For Wheel Change
- Reversing Camera

Horizon 3000 Specifications

140kw-188hp **Engine:** Fuel Tank Capacity: 280 Litres

Drive System: Poclain Easy Drive System

Brakes:

Front Dynamic Boosted Brakes

Rear Park Brake

Optional

Park Brake: **Emergency Foot**

Brake:

Hydraulics: Load Sense Hydraulic System

3.65M (380/85 R30) Height: Length: 7.74M

2.9M

Working Weight 7.8 Tonnes (Approx)

(24M): **Turning Circle:**

Width:

68"-80" Axle Adjustment:

Underbelly Clearance:

970MM **Road Speed:** 0 - 45kph 3000 Litres **Tank Capacity:**

Spray Pump: Boom:

12M - 24M 19mm Stainless Steel Spray Lines: With Triplet Nozzle Bodies, Automatic Prime & Purge Re-

Rowcrop Wheel Options:

Flotation Wheel Options:

R34 600/60 R28 - 600/60 R30

380/85 R30 - 380/85

Circulation

300 lpm Dual Speed

Sands are major exporters of selfpropelled sprayers to many parts of the globe. The map shows areas where our sprayers have been exported to, please contact us for details of our overseas representatives.



Horizon 4000



Horizon 4000E



The Horizon 4000 litre capacity offers the user high in field performance without the excessive weight of other similar capacity machines. When fitted with a 24m boom unladen weight is a class leading 8.2t. This enables it to cover the ground lightly in the wetter seasons when fitted with flotation wheels. On rowcrop wheels underbelly clearance is a minimum 1000mm reducing crop damage and aiding visibility in tall crops.

Front dynamic brakes are a standard feature giving improved stopping performance on the road and extra security when working in steep fields.

The 'E' variant with its low overall height is especially suitable for those working on extreme slopes. When fitted with the optional 'Smart Drive Traction Control' the 'E' is probably the most stable and safest machine for tackling the worst of conditions.

Horizon 5500



Horizon 6000

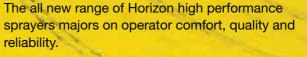


The largest capacity Horizon boasts a payload of 6000 litres. Powered by the Deutz TCD 6.1 engine (242hp) and now driving through the larger Poclain motors the 6000 is capable of extremely high outputs.

As befits a machine of this capacity full dynamic braking on all wheels is standard, together with the Premier Plus Drive system which automatically changes wheel motor displacements as speed increases. An in-field cruise control function is a standard feature ensuring a more constant spraying speed and thus a more uniform spray quality.







Featuring an all new 'sprayer specific' panoramic cab with category 4 filtration, the Horizon is capable of allowing the operator to achieve high daily outputs with the minimum of fatigue. Designed from the outset to offer the highest levels of comfort, ease of use and visibility together with class leading low noise levels. The result is the ultimate for a self-propelled sprayer.

The use of twin curved rear screens with a central support has removed the corner pillars giving an unimpeded view to the booms. An all new armrest console and joystick together with tactile and illuminated electric switches and spool controls has been ergonomically designed for ease of use.









Standard features

- Permanent hydrostatic four wheel drive
- Intelligent four wheel steer
- Single hydrostatic drive pump with torque split capability
- Full hydraulic suspension with Dual Ride option
- 24m gullwing boom (booms up to 40m are available)
- Single sprayline with triplet nozzles and prime and purge re-circulation
- Clean water rinse tank
- Stainless steel induction hopper with can wash and rinse ring
- Hand wash and clothing locker

- Extra storage boxes either side
- Air take off point

Panoramic Category 4 Cab Standard Features - Internal and External

- Twin amber beacons
- Electric adjustable and heated mirrors
- HID work lights front and rear 4 + 4
- Auto rate controller
- Indicators on joystick when in road mode
- Digital climate control
- Rear view camera

- Removable fridge unit
- Grammer, high back air seat with electronic lumbar support
- Training seat
- Electric joystick with illuminated buttons indicating main on/off and sections selected
- Wide opening full glass door
- Sunblinds front and rear
- Bluetooth DAB radio/CD with USB connection
- Underseat storage
- Easy access to cab filter
- USB charging point

Options

- Global Positioning System (GPS)
- Electric Or Hydraulic Steering Kits
- Boom Levelling
- Sands VG Boom Upgrade
- All Boom Sizes
- Twin Lines (Duo-React 4+1)
- 2" Hydraulic Fast Fill Pump
- 3" Hydraulic Fast Fill Pump
- 2" Fast Fill Port
- 400 lpm Pump Upgrade (Dual Speed)

- Simple Infill Water System
- Electric Water System (2" OR 3")
- Blue Boom Lights & M. Hopper Light
- End Jets (Cab Controlled)
- High Power Pressure Washer
- Simple Washdown System
- Side Mounted 25 Litre or 50 Litre Mixing Hopper
- Front Mounted Slug Applicators
- Dual Ride Suspension

- Automatic Headland Boom Lift
- Drawbar
- Mudguard Extensions
- Tank Rack
- Extra Strobe Lights for Road Use
- Smart Drive Traction Control System
- Forklift Point For Wheel Change
- Hydraulic Sliding Axles (68"-84")
- Hydraulic Sliding Axles (72"-108")
- Electric "e" Taps

Our promise to you...

A traditional family business providing a complete design and build service







Built to specification

Just finished an 18 hour stretch on the Sands 36 mtr Horizon and I can honestly say if I didn't need to sleep, I could carry on and do another 18 hours. Cracking machine, a joy to operate.

Scott Harrod E.G. Harrison, Norfolk



After care - servicing

We have been dealing with Sands for nearly 30 years and they sure know how to look after us in Scotland! The Horizon model has taken our farm to another level with precision spraying and just loves eating up our very steep hills.

Haig Hamilton, J Haig Hamilton & Sons, Scotland



Delivered to you



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