

# SH FRONT HOPPER



# New Holland SH Front Hopper.

New Holland SH front hoppers can be used to carry bulk materials such as seed or fertiliser to give extra capacity and autonomy in drilling or fertiliser applications. SH is available with two hopper capacity configurations, 1500 litres and 1900 litres. Distribution is carried out via metering system driven either by a ground drive wheel or electronic drive. Metered material is distributed to a choice of 2 or 4 outlets pneumatically, with a powerful hydraulically driven blower fan blowing material down the long plastic tubes to the rear implement. The bottom of the hopper is made from stainless steel, essential when handling corrosive material such as fertiliser.



## Mechanical drive

SH hoppers with stepless mechanical drive can be connected to a Konnect 1000 monitor. Fitted with nine buttons, the monitor can be used to control tramline valves, show the area covered and display the hopper fill level.

## Electronic drive with ISOBUS

SH hoppers with electric drive can be operated via the tractor's ISOBUS monitor. If no onboard ISOBUS is fitted, a separate Touch 800 monitor offers enhanced control of the hopper metering system with additional features including application on/off & seed rate adjustment. The front tank isn't reliant on GPS from the tractor as it has its own basic GPS antenna.



### Visibility & Safety

The slimline hopper maintains a low profile while still having a functional and useful capacity. Visibility is good and safety is not compromised. A powerful light kit features two headlights with high/low beam and indicators to replicate the tractor headlights in addition to a pair of LED work lights to illuminate the field ahead.



### Operator convenience & durability

The large hopper opening is supported by gas struts and opens wide for fast filling with bulk bags or a loader bucket. The foldable platform step makes access easy and safe at all times, while the 4 support legs ensure unhitching and storage is secure and hassle free. The lower part of the seedhopper and distributor are made of stainless steel to ensure a long life even when the unit is used for corrosive materials like fertilizer.

### Flexibility

The SH front hopper is a versatile solution and can be used to provide additional capacity when spreading fertiliser and better balance the tractor, or used in combination with a grain drill to carry extra seed or as part of a seed & fertiliser placement system. The tank is not pressurized therefore no special seals are needed or risk being damaged.

The hydraulically powered industrial high pressure fan provides adjustable air flow and pressure to suit the needs of the material being transported. Pressure can easily be monitored from the cab via the visible manometer gauge, and adjusted by altering the oil flow to the fan.





### Metering System

The metering system feeds the material from the hopper through 2 or 4 specially hardened plastic cell wheels. Robust plastic metering wheels on each outlet ensure consistent feeding across the full width of the outlet. For fine seeds like rape or fine granulated fertiliser, special fingers can be fitted to the metering wheels.



### Air Lock System

The material is then pneumatically transported in either 2 or 4 tubes situated under the tractor, thus enabling a high rate of precision.

As an option, the 4 outlets can be specified with an air lock system to ensure that there is no back pressure in the metering system. Precise metering is guaranteed when the material is conveyed over long distances to the distributor head on the implement.

Model	Specification	Hopper volume	Fill height	Empty Weight	Overall width
SH 1500	M/E 2 outlets	1500 litres	1.48m	450kg	2.32m
	M/E 4 outlets				
	MC/EC 4 outlets				
SH 1900	M/E 2 outlets	1900 litres	1.63m	480kg	2.32m
	M/E 4 outlets				
	MC/EC 4 outlets				

**E** = Electrical metering, **M** = Mechanical metering, **C** = Airlock system



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