



## **HydroSpreader™ S3000**

### **Subsurface Feed Broadcaster**

#### *Specifications*

Capacity:	- 3,000 kg (6,600 lbs) <i>Optional sizes available are 4,000 and 5,000 kg. Custom hopper sizes are available in a range of sizes. Hopper may be split into two (2) separate chambers, i.e. 1,000 kg/2,000 kg.</i>
Hopper Volume:	9.910 m <sup>3</sup> (350 ft <sup>3</sup> )
Feed Sizes:	From 2 mm to 11 mm
Delivery Rate:	1 to 45 kg maximum (100 lbs) per minute of 11 mm feed pellets using ChoreTime® HMC model 90 center-less auger.
Delivery Range:	Dependant upon physical site requirements. Focus is on minimum pellet/water residence time while taking into account the distance to travel, the pump's flow rate, and the pump's operating pressure for application.
Dimensions (l x w x h):	216 cm x 216 cm x 259 cm or 84 in x 84 in x 102 in
Tare Weight (empty):	Stationary Model, no power pack 450 kg (992 lbs)
Materials:	- Marine grade aluminum; - Galvanized steel, stainless steel hardware; - HDPE plastic.
Power Source:	- Powered using hydraulic interface to vessel supplied hydraulic pump system. Hydraulic supply and return hoses c/w quick connect couplers provided with <b>HydroSpreader™</b> or - Complete hydraulic power pack c/w diesel or gas engine supplied with <b>HydroSpreader™</b>
Controls:	- Hydraulic flow control with indexed feed auger rate; - Hydraulic flow control with Indexed water pump speed; - Two (2) independently adjustable feed chute gate control cables and indexed feed handles positioned beside hydraulic flow controls.

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Safety Features:

- All exterior surfaces and edges are "hand smooth";
- All controls placed at a comfortable standing height;
- All moving parts shielded with appropriate guards;
- All operating functions appropriately labeled;
- Bulk bag loading safety ring positioned at top of hopper;
- Muffler (optional) reduces power pack engine noise by 10 dB;
- Sound dampening panels (optional) reduce noise by 4db;
- Split hopper lid to reduce size and operator strain;
- Hopper lid is equipped with slide rollers and drop hinge to prevent binding;
- Safety bar grates at top of hopper openings;
- Internal safety gate at outlet to protect operator from rotating auger.

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