

AeroSpreader™ S500 Feed Broadcaster

The AeroSpreader™ S500 is our smallest hopper sized stationary or mobile model dry pellet feed broadcaster designed to handle 2.0 to 11.0 mm extruded feed pellets using a 9.0 hp Honda® motor direct driving an Aerite™ AB150 model blower. The 500 kg. (1,100 lb.) capacity marine aluminum hopper is specifically sized to work with this larger Aerite™ AB150 model centrifugal blower to provide operators the benefits of maximum feed rates and broadcast distances from a feeder sized for operation in tight, restricted areas.

The AeroSpreader™ S500 is available as a compact mobile feed broadcaster with large pneumatic wheels for quick and easy farm site maneuvering. Alternatively as a stationary model this feeder is equally at home positioned on a pickup truck, trailer or marine vessel. Options include remote stainless steel cable controls for operator control of feed blower speed and feed delivery rates. This size feed broadcaster is the ideal operating platform from which to mount a range of feed broadcast hose configurations from the self-supporting 360-degree manually aimed Periscope Feed Head shown here to operator set, automatically oscillating Periscope Feed Head broadcast nozzle assemblies for optimum hands free feed broadcasting.



Lined Feed Broadcast Hose

An all stainless steel feed broadcast hose with a smooth inner liner maximizes feed broadcast hose operating life and feed pellet broadcast distances.

Direct Drive Blower

A direct drive Aerite™ AB150 model blower requires no belt/pulley adjustments.

12.7 cm / 5 in. Blower Outlet

Large air volume air plenum for high volume feed delivery rates and broadcast coverage.

High Blower Performance

Matched air inlet and impeller design reduces fuel-operating costs while delivering high scfm air delivery rates at lowest possible sound levels.

Field Serviceable

Easy operator maintenance and repair when out on farm site.

Feed Eductor

IAS proprietary designed eductor eliminates feed damage.

Smooth Finished Surfaces

All feeder edges and faces are hand smooth with no sharp edges to injure operators.

Optional Periscope Feed Head

Provides 360-degree feed outlet nozzle aiming so that it is easier to adjust the feeder's feed outlet nozzle than reposition the vessel or feed truck. Feed four cages from one feeder.

AeroSpreader™ S500 Specifications

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| Capacity | 500 kg. (1100 lb.) |
| Feed Sizes | 2 – 11 mm |
| Broadcast Rate | 90 kg. (200 lb.) maximum per minute for 9 mm feed pellets. Note that feed delivery rate increases as feed pellet size decrease. |
| Dimensions (L x W x H) | Stationary model: 138.4 x 106.7 x 155 cm (54.5 x 42 x 65 in) Mobile model: 161.3 x 106.7 x 175.3 cm (63.5 x 42 x 61 in) |
| Weight | Stationary model 135 kg. (300 lb.) Mobile model 205 kg. (450 lb.) |
| Materials | Marine grade aluminum, galvanized steel and stainless steel hardware. |
| Power Source | 6.75 Kw (9 HP) gasoline powered Honda motor. Optional electric start. |
| Tare Weight | Stationary model: 135 kg (300 lb) Mobile model: 205 kg (450 lb) |



AeroSpreader™ S500 with extended feed boom

Feed hopper size can be customized.
Specifications and design subject to change without notice.
Designed and manufactured in Canada.

Feeder Options



Gull Wing air deflector for optimum feed spread



Manual Periscope Feed Head™ with Feed Extension Tube to maximize feed broadcast distance and control



Extended Cable Controls for truck/ATV/boat mounted feeder

See Options Sheet for a full listing of accessories and feeder options.