

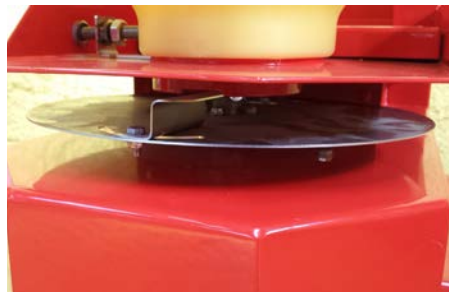
# ES 100 M1 CLASSIC SPREADER



The ES 100 M1 Classic is ideal for spreading grass seeds, single cover crop seeds, granular micronutrients and slug pellets. The lightweight poly hopper has 3.53 cubic feet of capacity and provides long life, impervious to the environment. The spreading width and disc speed are directly controlled by the 2.1 Electric Controller from your tractor cab and the seeding rate is quickly set with an adjustable slide gate. With spread patterns up to 78 feet, depending on material, APV spreaders lead the industry in broadcast precision.



The 2.1 Controller is supplied with the ES 100 M1 Classic.



ES 100 Classic M1 impeller provides a precise broadcast pattern.



The upper linkage mechanism accomodates 3-point hitch mounting.

## TECHNICAL DATA

- Working width . . . . . 6.5–78.7 ft\*
- Weight . . . . . 63.9 lbs
- Hopper Capacity . . . . . 3.5 cu ft
- Dimensions . . . . . 3.0 ft H x 1.7 ft W x 2.0 ft D
- Power Data . . . . . 12 V / 25 A

\* Depending upon material dispersed.

## ITEMS INCLUDED

- Electric Controller with mounting bracket: 2.1 Controller
- Electrically driven impeller: 2 adjustable blades
- Adaptor sleeves to extend the agitator for grasses
- 3 deflectors, upper linkage mounting mechanism, guard bar and counter plate
- Calibration bag and agitator protective grid
- Required cables and operating instructions

## FEATURES

- High quality controller
- Standard fixed agitator
- Relieves bridged/compacted material
- Easily adjust working width from the driver's seat
- Hard polyethylene cover attached to unit
- Precise application rates
- Durable polyethylene tank
- Adjustable spreading width (6.5–78 ft)
- No PTO required



# ZS 200 M4 TWIN-DISC SPREADER



Due to its design and various control functions, the ZS 200 M4 is THE slug pellet spreader. Independent tests prove the ZS 200 to be the industry leading twin disc spreader in accuracy and distance. The independently driven spreading impellers provide a precise symmetrical pattern which is maintained at spreading widths in excess of 100 feet. The ZS 200 M4 also offers great precision in the seeding of grass, cover crops and other granular products. Spreading can be accomplished simultaneously with field preparations by mounting on a tillage implement.



Model 4.6 Controller for precision spreading applications.



The ZS 200 M4's twin disc design delivers precise spreading widths.



APV seeders come with everything you need for easy, accurate calibration.



## TECHNICAL DATA

↗ Working Width . . . . .	3.3–101.7 ft*
⚖ Hopper Capacity . . . . .	7.0 cu ft
⚖ Weight . . . . .	110.2 lbs
🔧 Dimensions . . . . .	2.8 ft H x 3.3 ft W x 2.3 ft D
🏆 Power Data . . . . .	12 V / 40 A

\* Depending upon material dispersed.



## ITEMS INCLUDED

- Electric Control Box 4.6 with mountable steel bracket
- Complete spreader with 2 electrically driven spreader impellers, each with 2 impeller blades
- 2 deflectors, upper linkage mounting mechanism and counter plate
- Calibration bag & seed scales
- Guard bar
- Agitator grid
- Required cables, carrier and operating instructions



## FEATURES

- Precision controls regulate disc speed and flow rate
- Poly hopper is light weight and offers extended durability
- Heavy gauge shielded cable for optimal electrical control
- Contact point adjustment at each disc for precise distribution
- 2 broad impeller blades on each disc for higher volumes
- 15° angular (conical) discs
- Broadcast width adjusted while in motion
- Flow rate adjusted while in motion
- Material agitator is gentle on products to minimize potential for grinding
- Two discharge sections in the hopper
- Fence line spreading function. Impeller speeds can be set independently allowing for different spreading widths to each side.
- Symmetrical distribution pattern