

Miller^{by}FAST

500 Gallon Big Wheel Sprayer



BIG WHEEL tires fit 30" corn rows and still follow the tractor tires. Short wheel base (145" pin to axle) so it follows straight on side hills.



Control center and chemical inductor are conveniently located for easy access.



Durable truss style boom with parallel lift arm suspension

"Built from the ground up" features:

- Clutter-free operator platform
- Plumbing designed and arranged for easy access
- A high quality, economical hydraulic fold boom
- Large foam marker - 17 gallon
- Quality for which MILLER & FAST sprayers are known

Miller^{by}FAST

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FRAME & AXLES

- Frame and hitch are built of superior strength EX-TEN® fabricated steel plate, 67% stronger than conventional steel
- Hitch is an "A" frame design with an adjustable clevis to level the sprayer
- The axle is made of structural steel tubing – adjustable from 62" to 80" centers
- Hubs are 8 bolt with studs and nuts
- Frame clearance – 24" under axle (Note: Frame height stays the same with either tire choice. The axle is designed to be rotated 180 degrees when wheels are changed.)
- Pin hole to center of rear axle – 145" (12' 1")

TIRES & WHEELS

- Tires are a tractor lug design installed with the tread reversed
- Optional tires & wheels include:
- 12.4 x 24" on an 8 bolt rim
- 11.2 x 38" on an 8 bolt rim

PLATFORM

- Easy access platform with step and guard rail
- Nothing mounted on the clutter-free platform — complete open space

TANKS

PRODUCT TANK

- 500 gallon "Crop Care" narrow profile - poly
- 16" man hole
- 5" deep sump
- Adjustable agitation jets
- Tank baffles

RINSE TANK (optional)

- 50 gallon horizontal - poly
- Connected to 2" fast fill
- Located on right side of sprayer tank

SAFETY CLEAN WATER TANK

- 5 gallon poly tank
- Located in the front left corner of the product tank

CHEMICAL INDUCTOR TANK

- 5 gallon poly tank
- Located in front of the platform - left side

CONTROL CENTER

- Control center is located for easy access
- Control valves are positioned in one vertical row
- Fittings are O-ring style

PRODUCT PUMPS

- Optional product pumps include:
- ACE 150 Series belt drive pump, 540 RPM constant velocity PTO drive lines, 0-95 GPM, 0-100 PSI
- ACE 150 series hydraulic drive pump, FMC — 150-206, 0-100 GPM, 0-120 PSI

FOAM MARKER (optional)

- 17 gallon RICHWAY foam marker – poly tank
- In-cab controls
- Boom end mix with collector heads
- Located on left side of sprayer for ease of filling from the ground

PLUMBING & ON/OFF VALVES

- All fittings where practical are the new O-Ring design – less potential for leaks and much easier to service if necessary
- 2" Suction lines are used from the tank to the pump and from the 2" fast fill back to the tank for higher volumes and faster filling
- Primary filter is a 2" full port "Y" strainer. Optional self-cleaning filter
- High volume motorized ON/OFF ball valves are located on the center section of the boom for quicker response time. The valves feature:
 - O-Ring style flanged fittings
 - Sealed motor – can pressure wash
 - Sealed "Weather Pack" electrical connectors
 - Motor removable from valve in seconds with no tools
 - Valves are stackable



Sealed on/off valves are located on the boom center section for quick response.

BOOMS

EF & EFT Models

Hydraulic fold boom with high quality features and economical pricing! Available in 45'.

Features include:

- Hydraulic lift with parallel lift arms and single acting hydraulic cylinder.
- Hydraulic accumulator suspension for the entire boom (attached to the main lift cylinder) as used on large self-propelled sprayers.
- Boom is self stabilizing. It can rock from side to side by utilizing a swivel ball, coil springs and shock absorber.
- Breakaway secondary wings return automatically
- 30" of travel up & down to a maximum height of 51".

EF Model (requires two tractor hydraulic valves)

- Hydraulic up & down
- Hydraulic forward fold wings (no wing tilt)

EFT Model

- Hydraulic up & down
- Hydraulic forward fold wings
- Individual wing tilt – tilts positive and negative
- Multi function electric control box:
 - Boom function - Switch (1)
 - Foam marker - Switch only - left or right
 - Fence line kit - Switch only - left or right
 - Rinse system - Switch only

HYDRAULICS

- All hydraulic hoses and male tips (ASAE) are included with the sprayers
- All hydraulic fittings are JIC and/or O-Ring style – no pipe thread
- Hydraulic cylinder shafts have NITRO-TECH coating to prevent premature rust (black rather than chrome)