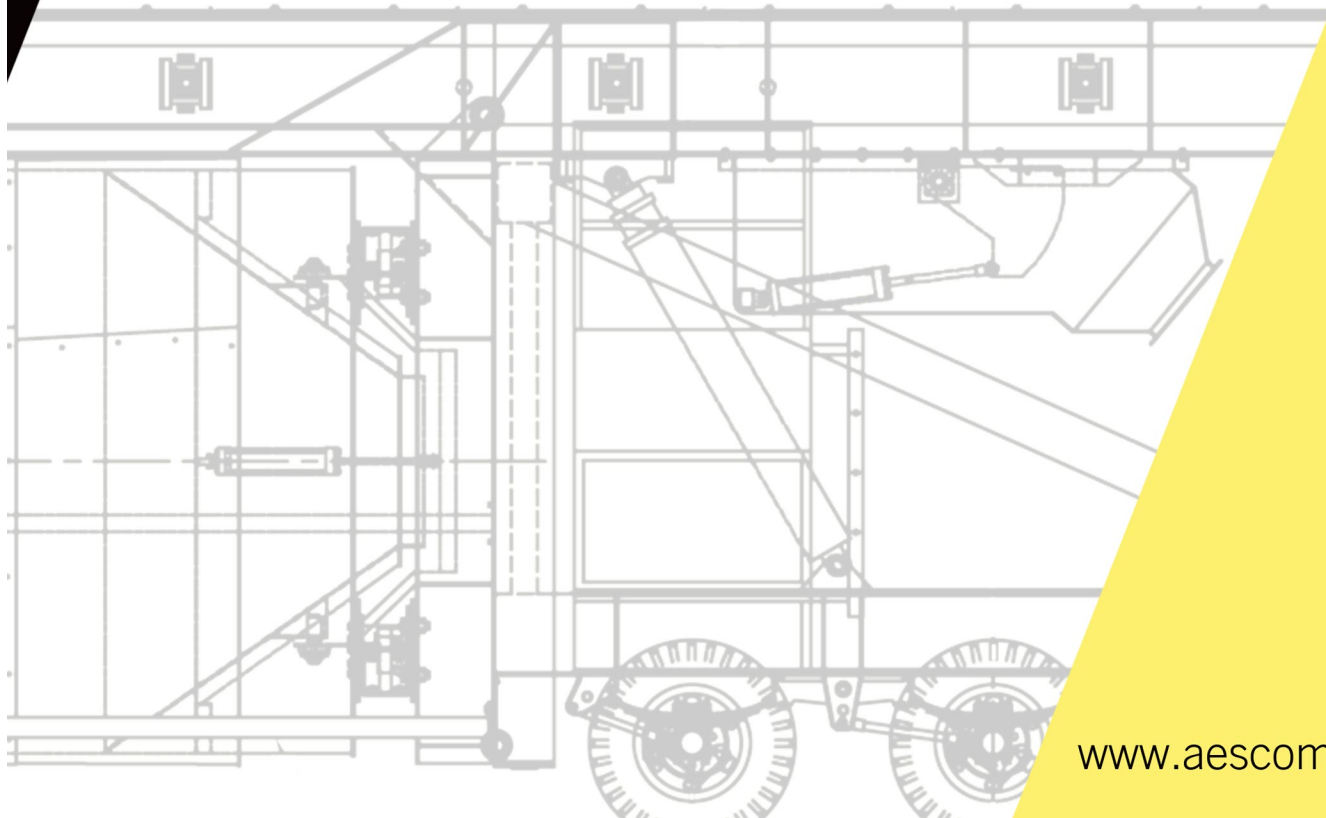




SELF-ERECT
STORAGE SILO

WM SERIES



www.aescomadsen.com

WM SERIES

Self-Erect Storage Silo

Available in both 50 and 80 ton storage capacities, the self-erect silo models from Aesco Madsen come complete with drag slat conveyor, storage silo, and self erecting system all in one portable package.

The WM series silo utilizes dual hydraulic cylinders to erect the drag slat conveyor and silo into place. This process can be completed by one operator in less than 15 minutes, saving valuable time in your set-up.

For additional information on how Aesco Madsen WM series self-erect storage silos can improve your plant operations, reach out to a knowledgeable sales representatives today.



www.aescomadsen.com | 253.939.4150 | sales@aescomadsen.com

Model Specifications

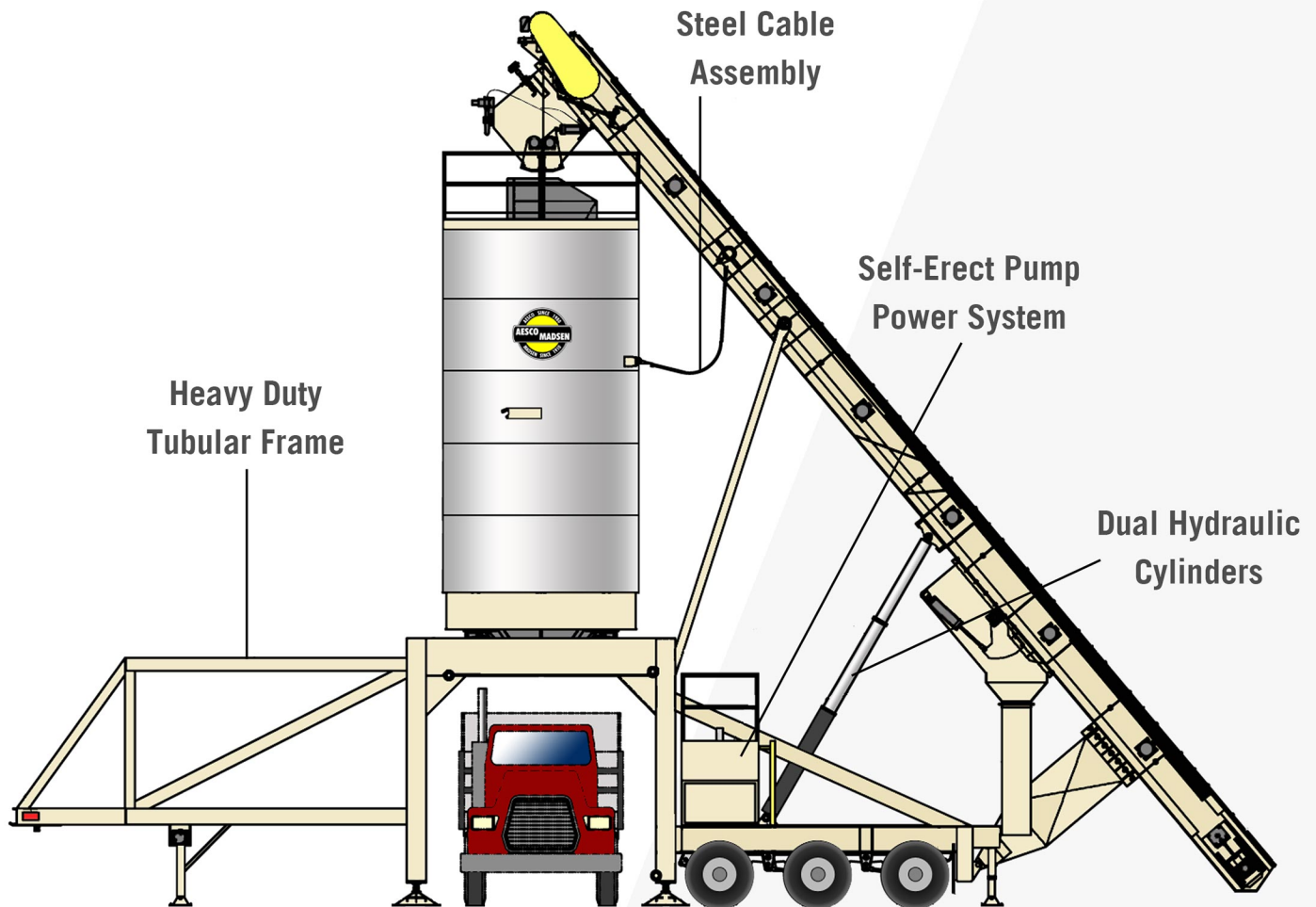
Model	WM 50	WM 80
Shipping Length	51' 10"	60' 9"
Shipping Weight	59,700 lbs.	80,100 lbs.
Set-Up Height	16' 3"	22' 6"
Capacity	50 Tons	80 Tons
Axles	2	3

*Both models have a silo diameter of 9' 10", a drive through clearance of 12' by 12', and shipping dimensions of 13' 10" wide by 14' 0" high.



WM 80

Self-Erect Simplicity



Dual hydraulic cylinders erect the silo and drag slat conveyor into place through a self-contained pump system equipped with its own reservoir, oil filter, and gasoline engine. As the hydraulic cylinders lift the drag slat conveyor upward, a steel cable connecting the conveyor and the silo pulls the silo up into place. The silo pivots on the frame and is pinned to the frame once it is in place. This entire erection process can be completed in less than fifteen minutes by one man, saving you valuable time in your plant set-up procedures.

The portable WM series package includes a heavy-duty tubular frame with support pads to match grade, fifth-wheel kingpin trailer hitch, and landing gear equipped with manual hand crank. With ease of transportation in mind, this series also includes air brakes, dual tires, mud flaps, and United States Department of Transportation (USDOT) approved lighting standard on all WM series silos.



Drag Slat Conveyor

Three sizes of drag slat conveyors are available on the WM series self erect storage silos, all of which boast full-length steel casing covers hinged in 4 foot long easily removable casings. 1/2" thick heavy-duty wear resistant floor plates line the bottom of every 24" wide drag slat housing, and 5/8" thick plates line the 30' and 36" wide drag slat housing floors. Each floor liner is cast diagonally for smooth operation and is accompanied by full-length, 1/2' thick, abrasion resistant side liners which are bolted in place to lock the floor liners to the drag housing floor.

The 24" wide model comes equipped with a single 4" pitch drag chain assembly. This model is rated at 250 TPH and can be utilized on both the WM 50 and WM 80 silos. The 30" and 36" models are equipped with double 4" pitch drag chain assemblies, boast ratings of 300 TPH and 400 TPH respectively, and come exclusively on the WM-80 silo to accommodate their higher TPH output capabilities.



A pneumatically operated bypass gate is installed on the drag housing to discharge reject material to the ground. The drag conveyor has a manually adjusted tail shaft tensioning assembly for easy drag chain tensioning. A 4000-lb capacity pneumatically operated, dual clamshell gate batch hopper is mounted at the top of the drag system. A timer, either from the silo control panel or optional LC-3000 computerized control system, controls the batch hopper. This batcher cycles between trucks loading out of silo when the optional LC-3000 computerized loadout control is used.

Standard Features

- Self-contained, gasoline powered, hydraulic pump self-erect system
 - Skid resistant top-mounted steel platform and solid steel kick plates
 - High temperature, fiberglass blanket insulation wrapped in galvanized steel housing
 - 1800 rpm high efficiency motor with open mesh belt guard
-

Available Upgrades

- electric gate heating system to ensure efficient heat retention and loadout operation.
- chrome carbide drag slat floor liners for extended life of the drag floor.
- computer automated reverse weigh LC-3000 silo loadout system.

