



Masaba 50 ton Surge / Load Out Bin

Description:

50 TON LOAD-OUT BIN

- **Main Frame** – MC18x42.7
- **Truck Dollies** – Two truck dollies in the front of the framework
- **Hopper Dimensions** – 12' long and 12' wide, **Hopper** – 1/4" plate
- **Metering Gate** – Manual metering gate
- **Tandem Walking Beam Axle** – Heavy duty tandem walking beam axle with (8) 11x22.5 tires
- **Brake Package** – Air brakes, emergency valve and plumbing
- **Light Package** – Brake and directional signals
- **Switchgear** – Size 3 pump panel w/ start/stop, main disconnect and 100' cord

48" x 40' FRONT DISCHARGING CONVEYOR

- **Main Frame** – C12 x 20.7# channel
- **Drive** – Head drive with 14' discharge height
- **Gear Reducer** – Dodge #725 with Dodge 4B sheave, tapered bushings and backstop
- **Motor** – 40 HP electric with Dodge 4B sheave and tapered bushings
- **V-Belt Drive** – with drive guard
- **Drive Pulley** – Precision 20" diameter rubber lagged drum pulley
- **Drive Shaft & Bearings** – 3 7/16" shaft with Dodge Type E bearings
- **Tail Pulley** – Precision 14" diameter self cleaning wing type pulley
- **Tail Shaft & Bearings** – 2 15/16" shaft with Dodge Type SCM bearings
- **Take Ups** – 18" screw type
- **Belting** – American Made 48" 3-ply 3/16" x 1/16" conveyor belt
- **Belt Splice** – Flexco mechanical steel fasteners
- **Troughing Idlers** – CEMA B, 20 degree sealed 5" diameter trough idlers, 42" spacing
- **Return Idlers** – CEMA C, sealed 5" return idlers, 10' spacing
- **Guarding** – Tail pulley guard, v-belt drive guard and nip guards on head pulley. We do not warrant that our guards will meet all local codes. It is the responsibility of the end user to have them checked by a local inspector.
- **Prime** – (1) coat primer painted, **Paint** – (1) coat eggshell
- **Owners Manual** – (1) copy for parts and maintenance