



## Masaba 48" x 33' Portable Recycle Magnet Conveyor

### Description:

- Main Frame – 4" X 12# tube, Channel Extension – 8" x 11.5#
- Tubular Undercarriage – Manual raise with pin lock height adjustment
- Straight Axle – fixed width axle with (2) 11:00 x 22.5 radial tires
- Drive – Head drive, Gear Reducer – Dodge #515 with Dodge 3B8.0 sheave, tapered bushings, and backstop
- Motor – 20 HP electric with Dodge 3B5.4 sheave and tapered bushings
- V-Belt Drive – with drive guard, Belt Speed – 350 FPM
- Drive Pulley – CCI 16" diameter rubber lagged drum pulley, Drive Shaft & Bearings – 3 7/16" shaft with REX Type E bearings, Tail Pulley – CCI 14" diameter self cleaning wing type pulley, Tail Shaft & Bearings – 2 15/16" shaft with REX bearings
- Take Ups – 18" screw type with thread protectors
- Belting – American Made 48" US FLEX I 1/4" x 1/8" conveyor belt, 440 PIW
- Belt Splice – Flexco mechanical steel fasteners
- Transition Idlers – CEMA B, Precision, 20 degree sealed 5" diameter trough idlers, Troughing Idlers – CEMA B, Precision, 35 degree sealed 5" diameter trough idlers, 3' spacing, Return Idlers – CEMA B, Precision, sealed 5" rubber disc return idlers, 10' spacing
- Live Shafts – Precision live shafts located at bends on returns, Hold Down Wheels – Located at bend
- Radial Receiving Hopper, Hopper – 6' long with adjustable rubber flashing
- Impact Bed – 48" x 5' Slider bed
- Full Length Skirt Boards
- Steel Kicker Plate At Discharge End
- Tow Package – Fifth wheel pin
- Support for Magnetic Separator – Support structure for Inline Magnetic Separator
- Switchgear – Pump panel for 20hp motor, 5hp motor, and magnet rectifier with start/stop and 100' of S-O cable
- Guards – Tail pulley guard, v-belt guard and nip guard 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 customer specified enamel
- Owners Manual for maintenance and parts