



## 36" x 80' Portable Radial Stacking Conveyor

### Description:

- SN's = 2004-191, 2004-192, 2004-193
- Main Frame – 30" Deep truss, Chord Angles – 4" x 4" x 1/4", Lattice Angles - 2" x 2" x 3/16", Cross Angles – 2" x 2" x 3/16"
- Tubular Undercarriage – Hydraulic raise with pin lock height adjustment
- Hydraulic Raise – with cylinder, valve, and plumbing. With Electric motor & pump.
- Axle – (2) 11 x 22.5 tires, fixed width axle. Manual radial tires.
- Drive – Head drive, Gear Reducer – Dodge #515 with Dodge sheave, tapered bushings, and backstop. Motor – 20 HP electric with Dodge sheave and tapered bushings, V-Belt Drive – with drive guard
- Rated Capacity (based on 100 lb./cu.ft. material) =
  - 705 TPH at 14 ft. discharge height (feeding screen plant, cone plant, etc...)
  - 645 TPH at 16 ft. discharge height
  - 550 TPH at 20 ft. discharge height (feeding wash plant)
  - 450 TPH at full height of 26 ft. discharge height (stacking)
- Belt Speed – 300 FPM @ 18 degrees
- Drive Pulley – Heavy duty 18" diameter rubber lagged drum pulley, Drive Shaft & Bearings – 2 15/16" shaft with Dodge bearings, Tail Pulley – Heavy duty 16" diameter self cleaning wing type pulley, Tail Shaft & Bearings – 2 15/16" shaft with Dodge bearings, Take Ups – 24" screw type with thread protectors
- Belting – American Made 36" 2-ply 3/16" x 1/16" conveyor belt, 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, 4' spacing, Return Idlers – CEMA B, Precision, sealed 5" return idlers, 10' spacing
- Hopper – 6' long with adjustable rubber flashing and hopper wings
- 5<sup>th</sup> Wheel Plate and Towing/Lift Eye
- 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 – (1) copy for maintenance and parts
- Electrical panel with start/stop buttons and switchgear for 20HP conveyor motor, 5HP pump motor, and 100' of S-O cord.