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## **36" X 140' LOW PROFILE MAGNUM TELESCOPING STACKER**

### **Conveyor Frame**

- **Main Frame** – 52" Deep engineered truss 83' long
- **Counterweight** – On-board design installed in the main frame tail
- **Stinger Frame** – 36" Deep engineered truss 74' long
- **Stinger Drive** – **MASABA TRACK TECHNOLOGY**. Eliminates danger of cable breakage and uncontrolled roll back - No winch or cable. Conveyor extends to 140' length

### **Road Portability**

- **Tubular Undercarriage** – Hydraulic raise & lower with 20 hp pumping unit
- **Travel Axle** – Road portable tandem walking beam axle with dual (8) 11R x 22.5 tires and wheels
- **Hydraulic Folding Axle** – radial travel axle with (4) 385/65D-19.5 tires
- **Power Travel** – 2 wheel drive with planetary drive on each wheel
- **Landing Legs** – Manual landing legs to ease loading/unloading of conveyor from truck.
- **Road Portable Package** – Including 5<sup>th</sup> wheel hitch, brakes, lights, and mud flaps
- **Tail End Lifting Eyes**
- **Anchor Pivot Plate** - Maintains tail end during radial travel
- **Tail Anchor Plate** – recommended for operating on non-concrete surfaces

### **Main & Stinger Components**

- **Drives** – *Class II* head end
- **Motors** – 40 hp/30 hp (*dual 15 hp balanced drive*)
- **Gear Reducers** – Dodge TAIL shaft mount with backstop
- **Capacity** – 1000 TPH based on 100# per cu/ft of material at 18 degrees
- **Belt Speed** – 400/600 FPM
- **Head Pulley** – Heavy Duty 16" diameter drum pulley with 3/8" herringbone lagging
- **Tail Pulley** – Heavy Duty 14" diameter self-cleaning wing type pulley
- **Take Ups** – Screw type
- **Belting** – 3-ply 3/16" x 1/16" 330 PIW
- **Belt Splice** – Flexco mechanical steel fasteners
- **Belt Scraper** – Martin Pit Viper with Twist Tensioner
- **Transition Idlers (main)** – CEMA C, PPI, 20 degree, sealed 5" diameter
- **Troughing Idlers** – CEMA C, PPI, 35 degree, sealed 5" diameter idlers, 4' spacing
- **Rubber Disc Return Idlers** – CEMA C, PPI, sealed 5" diameter return idlers, 10' spacing
- **Self-Aligning (stinger)** – (1) CEMA C, PPI, inverted idler
- **Hopper** – 6' long hopper with adjustable rubber flashing, radial receiving hopper and rock ledge

### Controls

- **Complete Switchgear** - manual operation for extend/retract, raise/lower, folding axle, start/stop conveyors and main disconnect
- **PLC** – Fully automated 4-program package with large color touch screen control
- **Material Flow Sensor** – pauses conveyor movement when material is not present

### General Specifications

- **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
- **Steel Shot Blasted**
- **Prime** – (1) coat of 2 part urethane primer
- **Paint** – (1) coat of 2 part urethane paint
- **Owners Manual** – (2) copies for maintenance and parts

AMS Item 16649, subject to prior sale. Terms are Net 10 Days after receipt of equipment, subject to prior credit approval. Sales tax is additional and charged at the appropriate rate. Freight is also additional and charged at our actual cost.

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***Photos Pending***