DJW24-M001

We are pleased to present the following:

2023 36" x 150' LOW PROFILE FOLDING AXLE MAGNUM TELESCOPING STACKER

Conveyor Frame

- **Main Frame –** 52" Deep engineered truss, 90' long, with built in counterweight
- **Stinger Frame –** 36" Deep engineered truss, 80' long
- **Stinger Drive –** ***Masaba*** **Track Technology**, single drive. Eliminates danger of cable breakage and uncontrolled roll back. No winch or cable. Conveyor extends to 150' length.

Road Portability

- **Tubular Undercarriage –** Hydraulically raise & lower
- **Travel Axle –** Road portable tandem walking beam axle with (8) 11R x 22.5 tires & wheels
- **Hydraulically Folding Axle –** radial travel axle with (4) 15-19.5 skid steer tires
- **Power Travel - 4** wheel drive with planetary drive per wheel, both sides
- **Landing Legs -** ~~Manual~~ landing legs to ease loading/unloading of conveyor from truck
- **Road Portable Package –** Including kingpin, brakes, lights, & mud flaps
- **Towing Eye –** Built in frame
- **Pivot Stand –** Maintains tail end during radial travel
- **Base Plate –** Option Taken

Main & Stinger Components

- **Drives –** ***Class II*** head end
- **Motors –** WEG 40hp – Main/Dual 15hp – Stinger
- **Gear Reducers –** Dodge TAII shaft mount with backstop
- **Capacity –** Up to 1000 TPH based on 100# per cu/ft of material at 18 degrees
- **Belt Speed –** 425 FPM – Main/625 FPM – Stinger
- **Main & Stinger Head Pulley –** Heavy Duty 16" diameter drum pulley with 3/8" herringbone lagging
- **Main & Stinger Tail Pulley –** Heavy Duty 14" diameter self-cleaning wing type pulley
- **Take Ups –** Screw type
- **Belting –** 3-ply, 330 PIW 3/16" X 1/16"
- **Belt Splice –** Vulcanized
- **Belt Scrapers –** Option Taken
- **Transition Idlers –** CEMA C, PPI, 20-degree, sealed 5" diameter
- **Troughing Idlers –** CEMA C, PPI, 35-degree, sealed 5" diameter, 4' spacing
- **Return Idlers –** CEMA C, PPI, sealed 5" diameter, 8' spacing
- **Self – Aligning Idler –** (1) CEMA C, PPI Self-Aligning Troughing Idler – Main (1) CEMA C, PPI, Inverted Troughing Idler – Stinger
- **Hopper –** 6' long hopper with adjustable rubber flashing

Controls

- **Controls –** Manual operation for extend/retract, raise/lower, wheel raise/lower, start/stop conveyors, & main disconnect
- **Masaba Automation Package –** Option Taken
- **20hp Electric Drive Hydraulic Power Unit –** load sense, variable volume to hydraulically extend the stinger conveyor and raise/lower the conveyor in operation & radial travel
- **Electrical –** NEMA 4 enclosure with main disconnect, circuit breaker, & starters with on/off push buttons to control each electric motor
- **Voltage –** 480v/3 ph/60hz
- **100' Lead Cord –** Option Taken
- **Material Flow Sensor –** Option Taken
- **Travel Safety Switch –** Ultrasonic radial travel limit switches provide protection for nearby equipment and personnel while machine is travelling side to side

General Specifications

- **Guarding –** Tail pulley, v-belt, & side mesh guarding. We do not warrant local code compliance of our guards. It is the owner's responsibility to have them inspected locally.

- **Owner's Manual –** (1) copy in English for maintenance and parts

- **Steel Shot Blasted**
- **Primer –** (1) coat of 2-part urethane primer
- **Paint –** (1) coat of 2-part urethane paint – Black Undercarriage, Beige Stinger

Options Included

- **4 Wheel Power travel –** with (2) additional planetary drives on other side
- **13hp Electric Start Gas Power Unit with Hydraulics –** valve body & plumbing for raise/lower, extend/retract, Hydraulic landing legs (if equipped), and FA axle raise/lower

- **Hydraulic Landing Legs –** jacks only for loading/unloading from truck operate with 13hp electric start gas powered unit or Main electrical panel (13hp gas power unit not included)
- **Base Plate –** 1-1/4" Thick counterweight Anchor Plate
- **Vulcanized Belts –** main & stinger conveyor belts
- **Belt Scrapers –** (2) Flexco EZP1; (1) on main & (1) on stinger
- **Masaba Automation Package –** machine functions controlled by parameters input in system, may be manually operated, includes radial windrow, radial conical, inline windrow, and incline conical piles. Includes required base plate.
- **Lead Cord for Panel –** 200 feet of cord

- **Wireless Remote Control –** wireless control of all manual conveyor functions; 1,000 foot range
- **Material Sensor –** mounted over main conveyor belt, stops the automation program when material is not present to prevent pile distortion
- **Central Grease System -** for pulley bearings

Price FOB Des Moines, IA……$285,000.00 plus any applicable tax

573 hours on meter