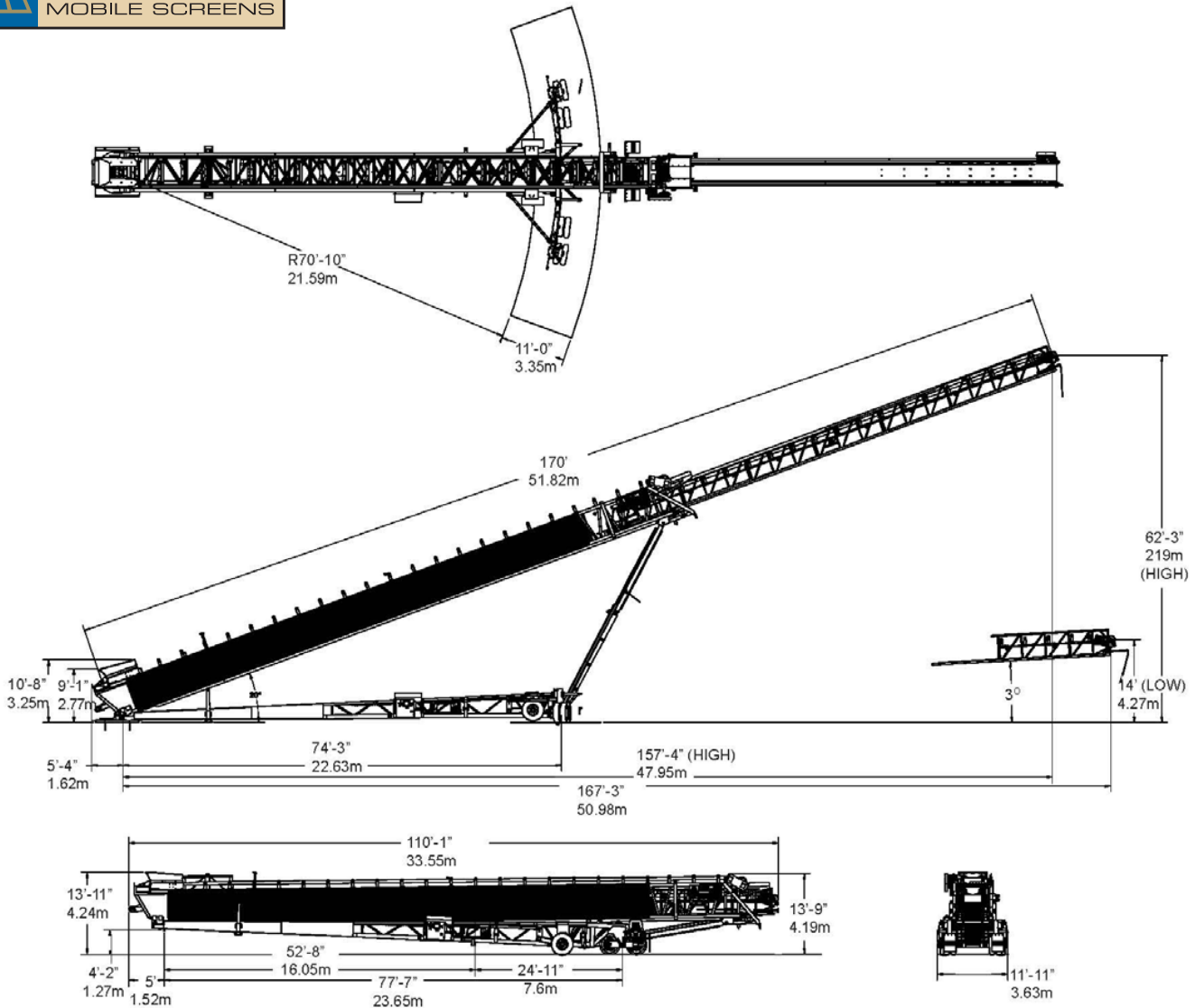




# Telescoping Radial Stacker Model 33-36170 SuperStacker



## Conveyor Frame:

Main Conveyor - 36" x 100' long; 70" deep frame  
 Stinger Conveyor - 36" x 74' long; 54" deep frame  
 Extension – conveyor extends to 170' long with hydraulic cable winch.

## Idlers:

CEMA B – 5" diameter, 3 roll, 35 degree troughing idlers on 4' spacing with close-spaced 20 degree idlers at feed point, 8' spacing on flat steel return idlers

## Belt:

2 ply 220 PIW, 3/16" x 1/16" covers with mechanical fasteners

## Power:

850 TPH maximum capacity (100 pcf material) 1,000 TPH upgrade available.

Dodge TA shaft mount gear reducers with backstops  
 3/60/230-460 TEFC electric motors, V-belts, motor mounts and guards

## Main Conveyor

40 HP  
 415 FPM  
 TA-5 reducer  
 16" dia., 3/8" grooved head  
 14" dia. steel wing tail  
 Screw take-up

## Stinger Conveyor

30 HP  
 615 FPM  
 TA-4 reducer  
 16" dia., 3/8" grooved head  
 14" dia. steel wing tail  
 Screw take-up

**NOTE: Specifications are subject to change without notice.**

**Undercarriage:**

Heavy Duty V-type with hydraulic powered twin cylinder raise and cylinder covers.

Axle – swing type axle with eight (8) 11-22.5 tires.

Radial axle – transport axle manually swings to stacking position. Hydraulic axle jacks are an option.

Tag axle with air spring suspension with super single tires is provided for road transport.

Dual power travel – two hydraulic motors with chain and sprocket.

King pin, air brakes, travel, brake and directional lights, mudflaps.

Center heavy duty tow eye

Manual Landing Jacks

**Receiving Trough and Radial Hopper:**

Rock box style hopper – 5’ 6” long with adjustable rubber flashing

**Anchor Pivot:**

Heavy duty anchor plate

**Belt Cleaners (Optional):**

Martin belt cleaner on head pulley of each conveyor

**Hydraulics:**

15 Hp electric/hydraulic power pack to operate undercarriage lift, power travel drives, and hydraulic winch for telescoping the conveyor. Includes all hydraulic tubing, hoses, gauges, filter and control valves

**Paint:**

One primer coat, finish coat of Beige acrylic

**Wizard Touch Automation:**

Wizard Touch Automation is an automated stockpiling control system. It includes a Siemens PLC, and an easy-to-use touch screen interface for various stockpiling options.

Sensors are provided to control the radial movement, conveyor incline and stinger extension.

**Electrical:**

NEMA 4 enclosure with main disconnect mounted on the rear undercarriage member; all starters and wiring to motors; start/stop pushbuttons for main conveyor motor, extendable conveyor motor, hydraulic power pack motor; cord holders and supports for power cable; LESS power cable – 460 volt, 3 phase, 60 hertz power required

**Options:**

Impact Idlers (3)

Rubber disc return idlers

CEMA C idlers vs. CEMA B idlers

Self training idlers – one troughing on the main and one return on the stinger.

3 ply, 330 PIW belting in lieu of 2 ply, 220 PIW

Vulcanized belt splices in lieu of mechanical fasteners

Wizard Touch Automated Control System

Material flow sensor

Remote Control – wireless operates within 1,000’

Drive upgrade to 1,000 TPH (main conveyor 50 HP)

Hydraulic axle jacks – for raising the axle, to aid in positioning from road travel to operating position.

Hydraulic landing jacks vs. manual landing jacks

**Physical / Operating Characteristics:**

Overall Length: fully extended ..... 170’ / 51.82m

Travel Length; kingpin to tail ..... 104’-1” / 31.72m

Travel Width ..... 11’-11” / 3.63m

Travel Height: ..... 13’-11” / 4.24m

Feed Height: ..... 10’-7” / 3.22m

Minimum Discharge Height:..... 14’-0” / 4.27m

Maximum Discharge Height:..... 62’-3” / 19m

Kingpin Travel Weight:.....20,000 lbs / 9,072kg

Axle Travel Weight:.....55,000 lbs / 24,948kg

**Stockpile Capacities:**

90° Stockpile Capacity .....80,000 tons / 72,600m tons

180° Stockpile Capacity .....140,000 tons / 127,000m tons

270° Stockpile Capacity .....200,000 tons / 181,400m tons



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