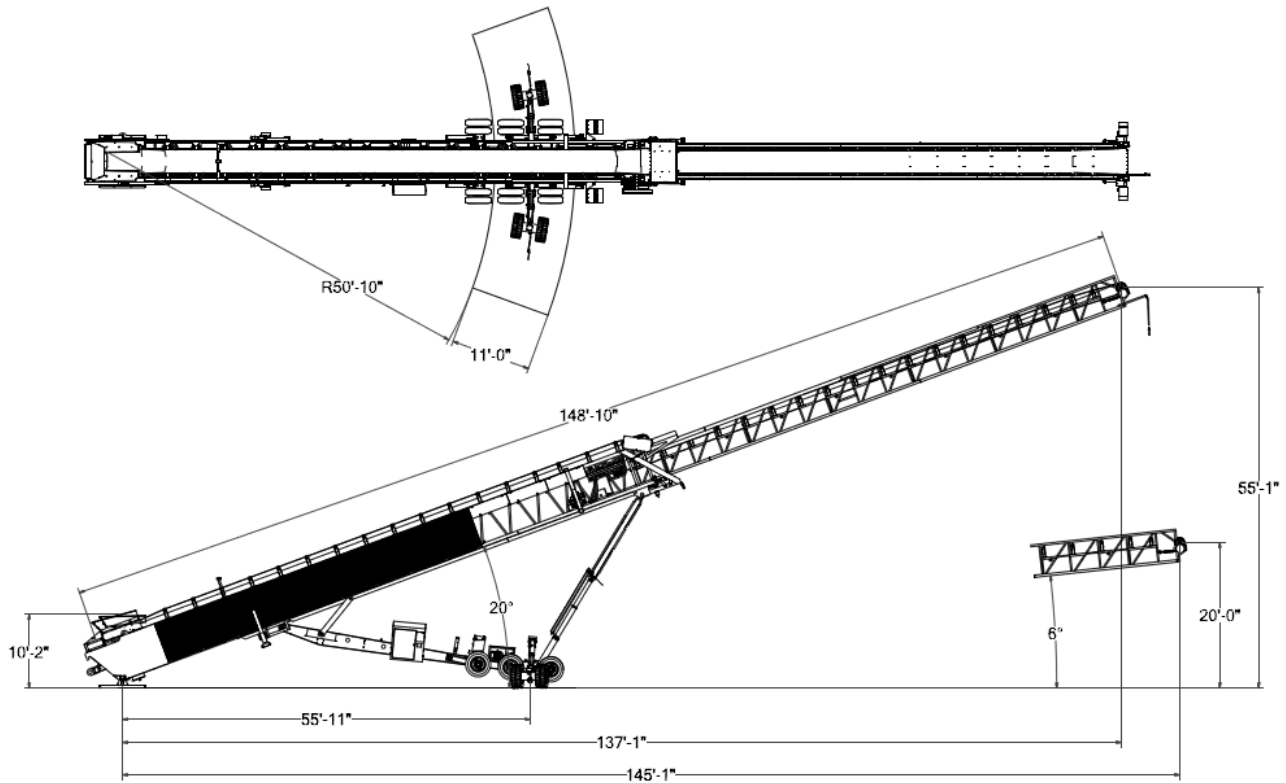
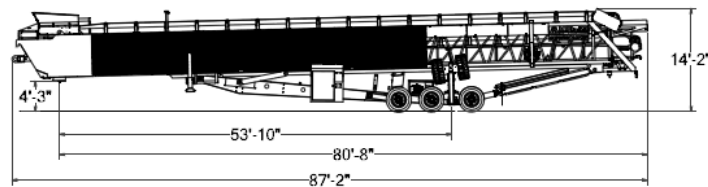




Model 33-42150 Super Stacker Portable Extendable Radial Stacking Conveyor Model 33 Spec Sheet



OPERATING POSITION



TRANSPORT POSITION

Conveyor:

Main conveyor 42" x 80' with extendable conveyor 42" x 74' for up to 150' overall stockpiling length. 70" deep main conveyor frame. 54" deep extendable conveyor frame.

Idlers:

CEMA C – 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:

Grade 2; 3 ply 330 PIW, 3/16" x 1/16" covers with mechanical fasteners.

Power:

1,500 TPH maximum capacity (100 pcf material). 3/60/230-460 TEFC electric motors, motor mounts, and guards.

Main Conveyor

50 Hp
Gear Reducer, V-Belt Drive
Dodge Class I, TA-5 reducer
425 FPM
18" dia., 3/8" grooved head
16" dia. steel wing tail
Screw take-up

Extendable Conveyor

50 HP (dual 25 HP motors)
Dual Gear Reducer Drive
Dodge Motorized Torque Arm
625 FPM
16" dia., 3/8" grooved head
16" dia. steel wing tail
Screw take-up

NOTE: Specifications are subject to change without notice.

Under Carriage:

Heavy Duty V-type with hydraulic powered twin cylinder raise and cylinder covers. Axle – gullwing axle assembly. Includes: walking beam travel axle with eight (8) 11-22.5 tires, air spring suspension on tag axle with two (2) 11-22.5 tires, four (4) 15-22.5 on hydraulic outriggers on radial axle, less cylinders. King pin, air brakes, travel, brake and directional lights, mudflaps, power travel (2) hydraulic planetary power travel drives, cam arm-style rear undercarriage to maintain constant wheel radius when raising and lowering conveyor.

Receiving Trough and Radial Hopper:

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

Anchor Pivot:

Anchor plate (for radial travel)

Belt Cleaners (Optional):

Martin belt cleaner on head pulley of each conveyor.

Extendable Travel:

Extendable conveyor moves in and out with a cable and hydraulic winch system to extend the conveyor to 150 feet.

Hydraulics:

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

Paint:

One primer coat, finish coat of Beige acrylic.

Wizard Touch Automation (Optional):

Wizard Touch Automation is an automated stockpiling control system with an easy-to-use touch screen interface that allows the user to take advantage of pre-programmed stockpiling capabilities. Includes capabilities for building desegregated inline, desegregated radial, and full radial piles within a user specified area.

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:

- Belt Cleaners
- Impact Idlers (3)
- Rubber disc return idlers
- Self-training idlers
- Vulcanized belt splice
- Wizard Touch Automated Control System
- Radial travel limit switches in addition to centering eye
- Remote control – wireless operates within 1,000’
- (2) additional power travel drives for 4WD
- Hydraulic tank heater
- Panel heater
- Manual landing jacks
- Hydraulic landing jacks with 12VDC power
- Center, heavy duty tow eye
- Material flow switch

Physical / Operating Characteristics:

- Overall Length: fully extended 150’
- Travel Length; kingpin to tail 80’-5”
- Travel Width 11’-5”
- Travel Height: 13’-11”
- Feed Height: 10’-2”
- Minimum Discharge Height: 20’-0”
- Maximum Discharge Height: 55’-0”
- Kingpin Travel Weight: 27,049 lbs
- Axle Travel Weight: 47,307 lbs

Stockpile Capacities (in tons/yd³):

	Fully Desegregated	Full Pile
Conical Pile	4,569/3,384	13,452/9,964
1 ° Pile Segment	190/141	511/380
90 ° Pile	21,669/16,056	59,442/44,164
180 ° Pile	38,769/28,728	105,432/78,364



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NOTE: Specifications are subject to change without notice.

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