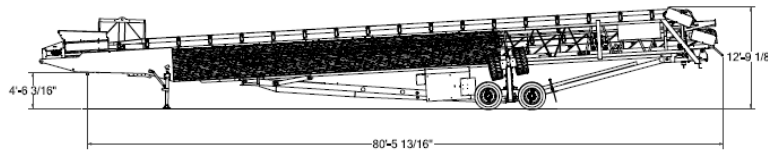
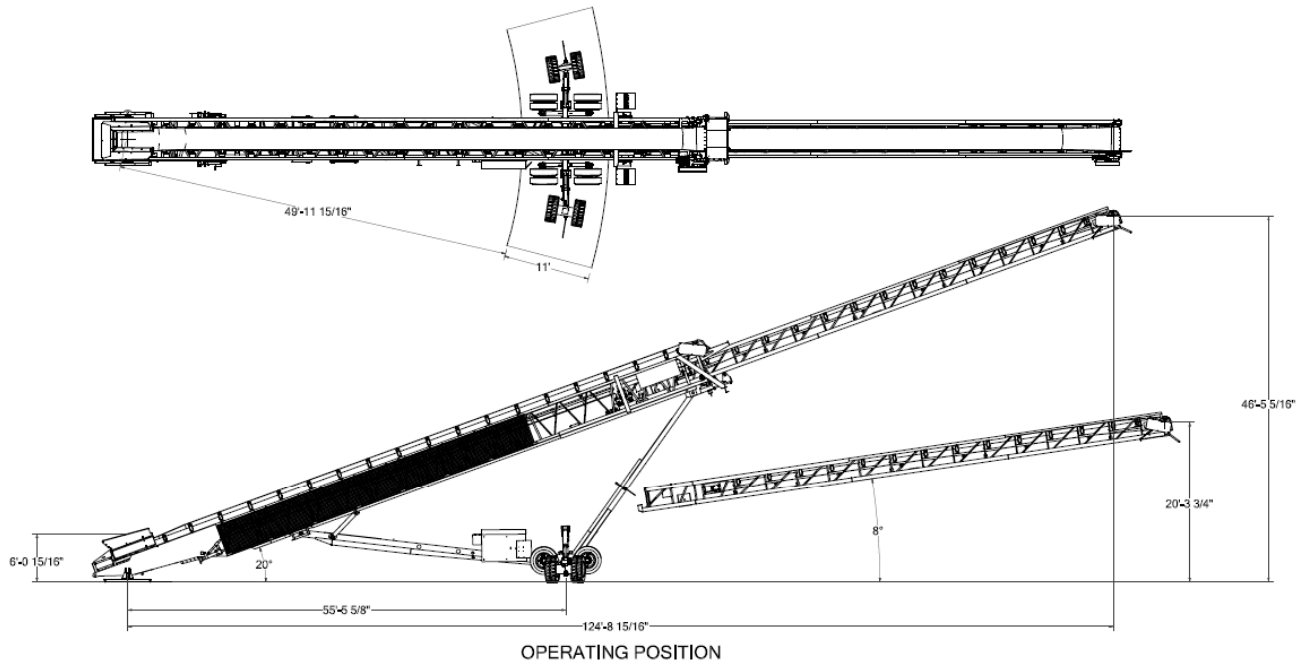




Model 33-36136 Super Stacker Portable Extendable Radial Stacking Conveyor Model 33 Spec Sheet



Conveyor:

Main conveyor 36" x 80' with a tapered tail section to achieve a feed height of approx. 5' 6". Extendable conveyor 36" x 60' extends to an overall stockpiling length of 136'. 52" deep mainframe. 36" deep extendable conveyor frame.

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

Main Conveyor

- 30 Hp
- 425 FPM
- TA-5 reducer
- 16" dia., 3/8" grooved head
- 14" dia. steel wing tail
- Screw take-up

Extendable Conveyor

- 25 Hp
- 625 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.

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, four (4) 385/65D-19.5 radial travel tires, less cylinders. A stiff arm shall be provided in place of the fold down 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 Cleaner (Optional):

Martin belt cleaner on head pulley of each conveyor.

Extendable Travel:

Hydraulic powered winch mounted at the tail end of the extending conveyor with 3/4” wire rope cable.

Hydraulics:

10 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:

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:

- Impact Idlers (3)
- Rubber disc return idlers
- CEMA C idlers
- Self training idlers
- 3 ply, 330 PIW belting
- Vulcanized belt splice
- Wizard Touch Automated Control System
- Remote Control – wireless operates within 1,000’
- (2) additional power travel drives for 4WD
- Hydraulic fold-down cylinders for Gullwing axle
- Manual landing jacks
- Material flow switch
- 1000 TPH Upgrade

Physical / Operating Characteristics:

- Overall Length: fully extended 136’
- Travel Length; kingpin to tail..... 80’-5”
- Travel Width 11’-5”
- Travel Height:..... 13’
- Feed Height:..... 6’-1”
- Minimum Discharge Height: 20’4”
- Maximum Discharge Height: 46’-5”
- Kingpin Travel Weight:..... 13,800 lbs
- Axle Travel Weight:..... 40,000 lbs

Stockpile Capacities (in tons/yd³):

	Fully Desegregated	Full Pile
Conical Pile	2,122/1572	7,567/5,605
1 ° Pile Segment	106/78	312/231
90 ° Pile	11,635/8,619	35,620/26,386
180 ° Pile	21,148/15,666	63,673/47,167



700 W. 21st Street – P.O. Box 20
 Yankton, South Dakota 57078
 Phone: (605) 665-8771
 FAX: (605) 665-8858
mail@kpijci.com
www.kpijci.com

NOTE: Specifications are subject to change without notice.

Because KPI-JCI may use in its catalog & literature, field photographs of its products which may have been modified by the owners, products furnished by KPI-JCI may not necessarily be as illustrated therein. Also continuous design progress makes it necessary that specifications be subject to change without notice. All sales of the products of KPI-JCI are subject to the provisions of its standard warranty. KPI-JCI does not warrant or represent that its product meet and federal, state, or local statutes, codes, ordinances, rules, standards or other regulations, including OSHA and MSHA, covering safety, pollution, electrical wiring, etc. Compliance with these statutes and regulations is the responsibility of the user and will be dependent upon the areas and the use to which the product is put by the user. In some photographs, guards may have been removed for illustrative purposes only. This equipment should not be operated without all guards attached in their normal position. Placement of guards and other safety equipment is often dependent upon the area and the use to which the product is put. A safety study should be made by the user of the application, and, if required additional guards, warning signs and other safety devices should be installed by the user, wherever appropriate before operating the products.