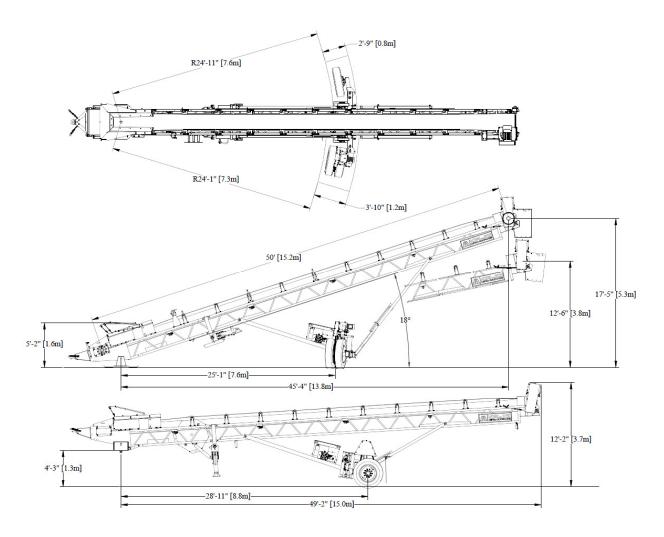


# Model 11-2450 Portable Radial Stacking Conveyor Series 11 Spec Sheet



### **Conveyor Frame:**

24" Deep Lattice Frame

## Idlers:

All standard idlers are CEMA B - 5" diameter

- 35 degree troughing idlers on 4' spacing
- 20 degree idlers at feed point close spacing
- Flat steel return idlers on 10' spacing

# Undercarriage:

Manual telescoping pin lock

Axle – single axle with single 11:00 – 22.5 tires on swivel wheel boxes

#### Receiving Trough:

5' 6" long with adjustable rubber flashing

#### **Belt Drive:**

- Head end drive
- 250 TPH capacity (100 pcf material)
- 10 Hp 3/60/230-460 TEFC electric motor
- Class I TA2115 Dodge shaft mount reducer w/backstop
- V-belt, motor mounts and guards
- 16" dia., 3/8" grooved head pulley
- 14" dia. steel wing tail pulley
- 12" Screw take-up

#### NOTE:

Drawing is shown for informational purposes only, and may not necessarily represent the configurable options selected or available on the equipment. Specifications are subject to change without notice.

#### Belt:

2 ply 220 PIW, 1/8" x 1/16" covers with mechanical fasteners

#### **Belt Cleaner (Optional):**

Martin belt cleaner on head pulley of conveyor

#### Paint:

One coat of primer, finish coat of Beige acrylic

# **Physical / Operating Characteristics:**

Overall Length:	50' [15.2m]
Travel Length; king pin to tail	49'-2" [15.0m]
Travel Height	12'-2" [3.7m]
Travel Width	11'-11" [3.6m]
Feed Height	5'-2" [1.6m]
Maximum Discharge Height	17'-5" [5.3m]
Minimum Discharge Height	12'-5" [3.8m]
Travel Weight (king pin)	2,700 lbs
Travel Weight (axle)	7,800 lbs

# Stockpile Capacities (100 pcf material, 37.5° Angle of Repose):

Conical Pile	474 ton / 351 yd <sup>3</sup>
1° Pile Segment	16 ton / 12 yd <sup>3</sup>
90° Pile	1,956 ton / 1,449 yd <sup>3</sup>
180° Pile	3,438 ton / 2,547 yd <sup>3</sup>
270° Pile	4,920 ton / 3,645 yd <sup>3</sup>

#### **Options:**

Radial Hopper Rock Box Hopper Oversized Rock Box Hopper Hydraulic Drive Self-Contained Power **AR Liners Anchor Pivot** Undercarriage Lift Cylinder 7.5 Hp electric/hydraulic power pack Power Travel Pintle hitch Impact Idlers (3) Rubber disc return idlers CEMA C idlers 3 ply, 330 PIW belting Vulcanized belt splice King Pin\* **Dual Tires\*** Travel Lights\* Air Brakes\* \*Recommended for Highway Portability



700 W. 21<sup>st</sup> 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.