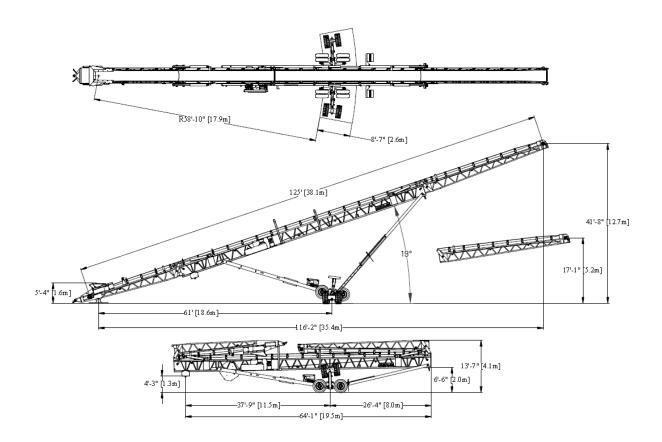


# Model 13-30125 Portable Radial Stacking Conveyor Series 13 Spec Sheet



# **Conveyor Frame:**

36" 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 dual 11:00 – 22.5 tires on swivel wheel boxes

# **Receiving Trough:**

5' 6" long with adjustable rubber flashing

#### **Belt Drive:**

- Head end drive
- 500 TPH capacity (100 pcf material)
- Class I TA4207 Dodge shaft mount reducer w/backstop
- 25 Hp 3/60/460 TEFC electric motor
- V-belt, motor mounts and guards
- 18" dia., 3/8" grooved head pulley
- 16" dia. steel wing tail pulley
- 24" 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	125'-0" [38.1m]
Travel Length; king pin to tail	64'-1" [19.5m]
Travel Height	13'-7" [4.1m]
Travel Width	11'-11" [3.6m]
Feed Height	5'-4" [1.6m]
Maximum Discharge Height	41'-8" [12.7m]
Minimum Discharge Height	17'-1" [5.2m]

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

	5,975 ton / 4,426 yd <sup>3</sup>
1° Pile Segment	223 ton / 165 yd <sup>3</sup>
90° Pile	26,060 ton / 19,304 yd <sup>3</sup>
180° Pile	46,145 ton / 34,182 yd <sup>3</sup>
270° Pile	66,230 ton / 49,059 yd <sup>3</sup>

# **Options:**

Radial Hopper Rock Box Hopper Oversized Rock Box Hopper Hydraulic Belt Drive **AR Liners Anchor Pivot** Undercarriage Lift Cylinder 7.5 Hp electric / hydraulic power pack Power Travel – 2 Hp electric Second Power Travel – 2 Hp electric Pintle hitch **CEMA C Idlers** Impact Idlers (3) Rubber disc return idlers 3 Ply, 330 PIW Belt Belt Drive Upgrade Vulcanized belt splice Manual Top Folds (Head and Tail)\* Hydraulic Top Folds (Head and Tail) Gullwing Axle Planetary Drive for Gull Wing Axle Hydraulic Axle Raise Landing Gear King Pin\* Walking Beam Axle\* Travel Lights\* Air Brakes\* \*Recommended for Highway Portable

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