

# 60' [18.3m] Stackers

Radial Stacker



## Frame

Heavy-duty lattice type

## Idlers

- All standard idlers are CEMA B – 5" [127mm] diameter
  - 35 degree troughing idlers on 4' [1.2m] spacing
  - 20 degree idlers at feed point close spacing
  - Flat steel return idlers on 10' [3m] spacing

## Undercarriage

- Manual telescoping pin lock
- Axle – single axle with single 11:00 – 22.5 tires on swivel wheel boxes (**42" [1,067mm] belt width includes dual tires**)

## Receiving Trough

- 5' 6" [1.7m] long with adjustable rubber flashing

## Belt Drive

- Head end drive
- 3/60/230-460 TEFC electric motor
- Class I Dodge shaft mount reducer with backstop
- V-belt, motor mounts and guards
- 3/8" [9.5mm] grooved, head pulley
- Steel wing tail pulley
- 12" [305mm] Screw take-up
- Belt Speed - 350 FPM [1.7 MPS]

## Conveyor Specifications

Belt Width		Frame Depth		Capacity*		Drive		Reducer	Head Pulley		Tail Pulley	
in	mm	in	mm	STPH	MTPH	hp	kW		in	mm	in	mm
24	610	24	610	250	227	10	7.5	TA2115	16	406	14	356
30	762	24	610	500	454	15	11.2	TA3203	16	406	14	356
36	914	24	610	750	680	20	14.9	TA3203	16	406	14	356
42	1,067	24	610	1,000	907	30	22.4	TA4207	18"	457	16"	406

\*Capacity based on 100 PCF [1.3 T/M<sup>3</sup>] Material

### Belt:

- 2 ply 220 PIW, 1/8" x 1/16" [3.2mm x 1.6mm] covers with mechanical fasteners

### Options:

- Belt Cleaner
- Radial Hopper
- Rock Box Hopper
- Oversized Rock Box Hopper
- Hydraulic Drive
- Self-Contained Power
- AR Liners
- Anchor Pivot
- Undercarriage Lift Cylinder
- 7.5hp [5.6 kW] 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

## Physical and Operating Characteristics

Dimension	Standard	Metric
Conveyor Length	60'	18.3m
Travel Length (king pin to tail)	59' 2"	18m
Travel Height	12' 8"	3.9m
Travel Width	11' 11"	3.6m
Feed Height	5' 2"	1.6m
Maximum Discharge Height	20' 7"	6.3m
Minimum Discharge Height	13'	4m

## Weights

Belt Width		Travel Weight (King Pin)		Travel Weight (axle)	
in	mm	lbs	kg	lbs	kg
24	310	2,900	1,315	9,900	4,491
30	762	3,100	1,406	10,700	4,853
36	914	3,800	1,724	11,200	5,080
42	1,067	4,500	2,041	11,600	5,262

## Stockpile Capacities

Pile Type	Short Tons	Metric Tons
Conical Pile	772	572
90° Pile	3,237	2,398
180° Pile	5,701	4,223
270° Pile	8,166	6,049



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**NOTE: CONSULT FACTORY FOR EXACT DIMENSIONS, specifications are subject to change without notice.**

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