

1936-2S

Series 1900 Feed Plant



Bins

- Capacity - 20 cu. yd. [15.2 cu. m]
- Top Opening - 16' [4.9 m] x 8' [2.4 m]
- Manual Adjust Radial Discharge Gate

Belt Feeders

- 30" [762mm] Wide; Channel Frame
- Drive - 7.5 HP [5.6 kW] TEFC gear reducer drive; 450 TPH [409 mtp] of 100 pcf [1.6 ton per cu. m] material
- Pulleys - Grooved rubber lagged head pulley; steel drum tail pulley
- Idlers - CEMA B5, steel roll
- Belt - 3 ply, 330 PIW with 3/16" [4.8mm] top x 1/16" [1.6mm] bottom covers; vulcanized splice
- Take up - 6" [153mm] screw

Collecting Conveyor

- 36" [914mm] Wide; Channel Frame
- Drive - 10 HP [7.5 kW] TEFC gear reducer v-belt drive
- Pulleys - grooved rubber lagged head pulley; self-cleaning steel wing tail pulley
- Belt - 3 ply, 330 PIW with 3/16" [4.8mm] top x 1/16" [1.6mm] bottom covers; vulcanized splice
- Take up - 6" [153mm] screw

Heavy Duty Chassis

- Truck type with gooseneck, fifth wheel king pin towing hitch tandem axle with dual 11:00 x 22.5 tires, air brakes, and travel lights
- Manual landing gear

Options

- Belt Cleaner for Collecting Conveyor – Martin with tensioner
- Grade 2, 3 ply 330 PIW, 3/16" [4.8mm] x 1/16" [1.6mm] Belt on collecting conveyor
- Vulcanized Belt Splice - on collecting conveyor
- Rubber Disc Return Idlers on collecting conveyor
- AR 400 Liners for Hoppers – 1/4" [6.35mm] abrasion resistant liner for all four sides
- Impact Idlers for feeders
- CEMA C Idlers
- Control Panel – includes variable frequency drive for feeder and starter for grizzly power pack (if applicable); also includes motor cables wired to the panel

Physical and Operating Characteristics

Dimension	Standard	Metric
Overall Length	63' 7"	19.4 m
Overall Height	13' 6"	4.1 m
Overall Width	8' 6"	2.6 m
Discharge Height	6' 8"	2.0 m
Travel Length	54' 5"	16.6 m
Kingpin Travel Weight	6,200lb	2,812kg
Axle Travel Weight	30,000lb	13,607kg

