

1936-3

Series 1900 Feed Plant



Bins

- Capacity - 12 cu. yd. [9.2 cu m]
- Top Opening - 13' [4 m] x 8'-6" [2.6 m]
- Manual Adjust Radial Discharge Gate

Belt Feeders

- 30" [762mm] Wide Channel Frame
- Drive - 5 HP [3.7 kW] TEFC gear reducer drive;
450 TPH [409 MTPH] 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
- Idlers - CEMA B5, steel roll
- Belt - 2 ply, 220 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
- Single 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	68' 8"	20.9 m
Overall Height	13' 6"	4.1 m
Overall Width	8' 6"	2.6 m
Discharge Height	5' 11"	1.8 m
Travel Length	59' 8"	18.2 m
Kingpin Travel Weight	7,860lb	3,565kg
Axle Travel Weight	23,925lb	10,852kg

