

GT3680

Mobile Conveyor



Main Conveyor

- 75'-5" long x 36" wide
- Variable angle Troughing Rollers. 3 Roll set x 4" dia.
- 6" Disc return rollers.
- 11" Tail pulley complete with self-cleaning plough scraper
- Variable speed hydraulic drive
- 13" Head pulley
- Primary spring mounted face scraper
- Centrally mounted grease points for all pulley bearings

Frame

- Heavy Duty 21" side frame constructed of formed plate
- Fully enclosed power unit with hinged access doors
- Hydraulic folding head section as standard
- Hydraulic raise/ lower head and tail section
- Heavy duty track mounted Chassis for complete mobility

Power and Hydraulics

- Duetz TCD 2.9L4 4 cyl. Turbo developing 75 HP at 2600 RPM. Tier 4 final water cooled.
- 47 gallon fuel tank. Lockable with side mounted level gauge.
- 53 gallon hydraulic reservoir with in line return filter. Lockable with side mounted level gauge.
- Oil cooler
- Engine mounted hydraulic pump to operate all machine functions.
- Hydraulic operated crawler tracks with pendant control for machine relocation.
- NEMA-4 Rated instrument panel: Hour meter, emergency stops, cold start

Plant Capacity

- Up to 500 tph. (Capacity will vary with conditions)

Options

- Wireless track remote
- Belt Scale
- Hydraulic folding tail section to reduce overall length
- Impact bed at feed in area
- Dust cover
- Dust suppression
- Full length skirting
- ¼" Hardened steel liners
- ½" Hardened steel liners
- Upgraded belts

Physical/Operating Characteristics

Dimension	Standard	Metric
Plant Capacity*	500 TPH	454 MTPH
Operating Characteristics (Working 22°)		
Overall conveyor length	77' 5"	23.60m
Foot print length	68' 11 "	21.01m
Discharge height at 22 deg	31' 5"	9.58m
Feed-boot height Max	6' 8"	2.03m
Feed-boot height Min	4' 10"	1.47m
Transport Characteristics (Working 22°)		
Length, head only folded	51' 4"	15.65m
Length, head and tail folded	40' 2"	12.24m
Transport height	8' 8"	2.64m
Transport width	8' 11"	2.72m
Weight	30,865lb	14,000kg

*plant capacity will vary with conditions.