

Greyhawk Metso Portable Cone Plant Model GH-HP300RFSD Unit #1148

#1178

Equipment As Follows:

NEW- HP300 Cone Crusher

Metso/Nordberg HP300 Cone Crusher

Equipped with manganese steel crushing members, hydraulic bowl clamping and adjustment, hydraulic clearing of crusher chamber, automatic tramp iron release, bronze bearings, package lubrication system (consisting of independent submersible pump, oil pressure switch, oil temperature switch, oil tank with strainer, oil level gauge and two thermometers, oil heater and oil filter), oil cooler (air – radiator type), tools and WEG 300 HP refurbished 1.15 service factor, 1800 RPM, 460 volt, 3-phase, 60 cycle, TEFC crusher drive motor.

Drive Equipment

- Drive - Horizontal drive
- Groove type - 8V
- Motor speed - 1,800
- Countershaft speed - TBD
- Motor position - Standard btw 8 and 4 o'clock
- Crusher pulley - 762mm
- Motor pulley - 406mm
- V-belts

Lightly Used Greyhawk Heavy Duty Chassis

- Main Chassis
 - 24" Mainbeam
 - Tri-axle Hutch spring ride suspension with 49.5" axle spacing
 - Qty 12 11R22.5 tires on Budd type wheels
 - Air controlled brakes on all three axles
 - LED side marker and tail lights
 - Large machinery platform with handrails and observation platform
 - Hydraulically adjusted slide motor base and 2 piece sheave guard
- Rear Feed Conveyor (36")
 - Channel frame design
 - Superior 5" CEMA C channel mount idlers

- Superior 5" CEMA C channel mount impact idlers in high impact areas
- Superior 5" CEMA C return idlers
- 3 ply, 3/16" top cover conveyor belting
- Hydraulic folding link arm for raising into operation and lower for transport or maintenance
- Hydraulic raise and lower for the tail section to adjust the feed point height
- Full length skirting with rubber flashing
- Receiving hopper lined with 1" black polyurethane
- Head pulley
 - Superior 12" x 38" drum pulley
 - XT30 hubs
 - 2-15/16" pillow block bearings
 - 515 shaft mount reducer
 - WEG 20HP motor
- Tail Pulley
 - Superior 12" x 38" chevron wing pulley
 - XT30 hubs
 - 2-15/16" bearings
 - Wide slot takeups
- Side Discharge Conveyor (42")
 - Channel frame design
 - Superior 5" CEMA C channel mount idlers
 - Superior 5" CEMA C return idlers
 - Superior Exterra belt scraper
 - 3 ply, 3/16" top cover conveyor belting
 - Hydraulic folding for lowering into operation and raising for transport
 - Skirt rubber in drop zone
 - Hinges door to provide easy access to the crusher rock box
 - Polyurethane lined under-crusher hopper
 - Head pulley
 - VanDer Graff motorized pulley, 12" x 44"
 - 15HP
 - Tail Pulley
 - Superior 12" x 44" chevron wing pulley
 - XT30 hubs
 - 2-77/16" pillow block bearings
 - Adjustable King Pin Support
 - Adjustable tubular supports reduce the amount of blocking required in the kingpin area during plant operation, which simplifies set up and tear down.
 - The kingpin supports have Acme threaded rod adjustment and swing up for transport.

Electrical

- NEMA electrical enclosure
- Enclosure is bolted to a steel support frame for setting on grade during operation

- Lifting eyes
- Connected to plant with 15' of cable to allow the customer to position the enclosure
- Door interlocked disconnect linkage
- Warning horn
- Square D circuit breakers
- Square D NEMA rated starters
- Crusher is controlled by a WEG soft start
- Door mounted amp meter for crusher amperage
- Hour meter located inside the enclosure

Hydraulics

- 13HP Honda gasoline engine with electric start and backup recoil start
- (6) run-on jacklegs
- Six bank valve body for independent control of each jackleg
- Single bank valve for independent control feed conveyor positioning
- Single bank valve for raising and lowering the feed conveyor tail section
- Single bank valve for side discharge conveyor positioning
- Single bank valve for crusher motor adjustment

Safety Guards

We install all standard guarding, customer will be responsible for compliance with local codes.

General

Chassis to be sandblasted, one coat two part epoxy primer and two part urethane finish painted one coat GreyHawk beige with orange and grey highlight stripe on the trailer frame beams.

(2) Sets of owners/parts manuals.





