

## GreyHawk Metso C3054 Portable Jaw Plant Unit #1402

#1317-16101-4050

ON LEASE

Equipment as Follows:

### NORDBERG C3054 JAW CRUSHER

The Nordberg C3054 is a premium primary jaw crusher for quarries, gravel pits, mines and recycling.

Mounting of the crusher is made without a bolted connection to the foundation. The main frame of the crusher is made of rolled steel side plates and two steel castings, connected through precision machined bosses and held together by large diameter bolts. The pitman and the front and rear frame castings are made from high-quality steel with excellent fatigue strength. There are no welded joints in the frame. The frame can be completely disassembled for transportation if necessary. The eccentric shaft bearings are long-life grease lubricated spherical roller bearings and are all of the same size.

The discharge setting is easy to adjust remotely with hydraulics, by means of moving wedges. The toggle plate operates on a rocking principle without any lubrication and serves as the castings, and the cheek plates of high abrasive-resistant steel plate. The jaw dies can be reversed for maximum utilization. Tools for jaw die changes are included with the jaw crusher.

- Hydraulic setting adjustment – Hydraulic Power Unit 480/115V/60Hz
- Jaw Profile – Quarry, Single Piece Jaw Dies
- Protection Plate – front frame & pitman included
- Support Brackets – Installation angle - 6 degrees
- Drive on left side (viewed from the fixed jaw end)
- Flywheels – 10 groove- 8V
- Motor – Weg 200HP 1200 RPM
- Drive Equipment – Integral motor support
  
- Flywheel Guards - Included
- Jaw Maintenance Platform – Included
- Manuals – 1 set included

### MESTO 52" x 20' VIBRATING GRIZZLY FEEDER

- 14' Pan with replaceable ¾" AR steel liners

- Step deck grizzly with two 3' grizzly sections– 4" opening
- ½" AR steel side liners
- VL-11 Vibrator, oil lubricated with (2) eccentric shafts and (2) wide faced helical gears (4-110mm, spherical roller bearings)
- Mounted on steel coil springs at 0 degrees
- WEG 40HP 1800RPM TEFC motor
- Custom motor base (heavy duty)

## GREYHAWK CHASSIS

- MAIN CHASSIS

- 24" main beam
- Quad-axle Spring Suspension 30k axle rating
- Qty 16 11R22.5 tires on hub piloted wheels
- Air controlled brakes on all axles
- LED side marker and taillights
- Fold down kingpin supports
- Maintenance platform

- FEED HOPPER

- Hopper walls made from ¾" A36 formed steel plate and are reinforced with formed "C" channel
- Two-piece design
- ½" AR400 plug welded liners

- DISCHARGE CONVEYOR-60"

- Formed "Unistrut" design
- Superior 5" CEMA C channel mount idlers
- Superior 5" CEMA C channel mount impact idlers in high impact areas
- Superior 5" CEMA C rubber cushion return idlers
- Superior Exterra belt scraper
- 2' impact beds at crusher discharge with Argonics impact bars
- 12" tube in tube take-ups
- 3 ply, ¼ top cover conveyor belting
- Drive Pulley
  - Superior 16"x63" vulcanized drum pulley
  - 3-7/16" pillow block bearings (SCM)
  - Master PT #6 shaft mount gearbox
  - WEG 30hp motor
- Tail Pulley
  - Superior 14"x63" wing pulley
  - 2-15/16" 4-bolt flange bearing (SCM)

- CRUSHER ROCKBOX
  - Made from 3/4" A36 steel plate
  - 1/2" AR400 wear plates
  
- BYPASS CHUTE
  - Chute is made from 1/4" plate
  - Lined with 1" black polyurethane
  
- 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 soft start
  - Feeder is control by a variable frequency drive
  - 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 with 6" diameter 18" stroke cylinders
  - Six bank valve body for independent control of each jackleg
  - Single bank valve for bypass chute adjustment

## SAFETY GUARDS

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

## GENERAL:

- Paint
  
- Sandblasted
- Two-part epoxy primer

- Two-part urethane topcoat
- Color-GH Beige
- Decals-Orange & grey striping
- (1) sets of owners/parts manuals

On-Site Start-up, Training and Warranty Commissioning

- RB Scott will supply a field service technician to complete startup

