

Used GreyHawk/Metso C120 Portable Jaw Plant Unit #1604

#1050/37086/SM2078

Equipment As Follows:

Nordberg C120 Jaw Crusher

The Nordberg C120 is an aggressive 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 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 the same size.

The discharge setting is easily adjusted remotely with hydraulics, by means of moving wedges. The toggle plate operates on a rocking principle without any lubrication and serves as an overload fuse.

Setting Adjustment

- Hydraulic Wedge Adjustment-Hydraulic setting adjustment has all the advantages and functions of mechanical setting adjustment plus it is faster and easier to use. All setting adjustments are done remote controlled by means of activating hydraulic cylinders.

Hydraulic Power Unit - Electrification 460V/60Hz

The hydraulic setting adjustment is powered by a hydraulic power unit. A return cylinder keeps the pitman pulled backwards.

- Hydraulic unit
- Adjustment wedges with supports and cylinders
- Return cylinder
- Electric motor
- Control 11SV 60Hz

- Hoses from the unit to cylinders
- Heat Resistor - Resistor for oil heating in the hydraulic tank

Jaw Dies & Protection

- Jaw Profile: Quarry
- Protection Plate - Front Frame & Pitman
- Drillings for Main bearing temperature sensors

Support Brackets

- Vibration absorbing mounting pad

Drive Equipment

- Integral Motor Support with 200HP 1200RPM TEFC motor
- Drive on Left Side (viewed from the fixed jaw end)
- Flywheels 10 x 8 V grooves
- Safe and user friendly composite guards

Metso 52" x 20' Vibrating Grizzly Feeder

- 14' Pan with replaceable^{3/4"} AR steel liners
- One 6' grizzly section, with adjustable bars
- 1/2" Quick Change AR side plate liners
- VL-11 Vibrator, oil lubricated with (2) eccentric shafts and (2) wide faced helical gears (4-110mm, 23 series bearings)
- Mounted on steel coil springs at 0 degrees
- V-belt drive includes feeder sheave, motor sheave, and belts
- V-belt guard
- (8) Fabricated steel grizzly bars
- OST (Rosta Style) motor base

- Motor - 40HP

GreyHawk Heavy Duty Chassis

1. Main Chassis

- 24" 94# mainbeam
- Quad-axle Hutch Spring Suspension with 49-1/2" axle spacing
- Qty 16 I 1R22.5 tires on Budd type wheels
- Air controlled brakes on all four axles
- LED side marker and taillights
- Back of chassis is reinforced to allow for customer stinger attachment brackets

1. Heavy Duty Feed Hopper

- Hopper walls made from 3/4" A36 steel plate and are reinforced with two rows of 6" structural angle and 1" thick gussets
- Lined with two rows of 1/2" AR400 plug welded to the hopper walls
- Two-piece design
- Lower frame holds the bypass hopper which has a hydraulic slide providing service access to the back of the jaw crusher

1. GreyHawk 60" Under-crusher Folding Conveyor with Wrap-Drive

- 8" channel bridged truss 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 Exte1rn belt scraper
- Superior Powerfold
- Two foot impact bed at crusher discharge with Argonics impact bars
- 12" tube in



















