

## **Metso HP400 Cone Crusher Unit #1349**

**#SN: HP400SOR0309**

Industry- Construction

Information message- NOTE!

Lubrication unit- Standard

- The lubrication unit contains air-oil cooler, which keeps oil temperature ideal for the bearing lubrication. The hydraulic unit helps during the setting and maintenance operations.

Control type- Digital

Norm- UL

Frequency- 60 HZ

- Frequency band for crusher, lubrication & hydraulic unit, air cooler and blower motors.

Lubrication unit voltage- 265/460V

- Main voltage for lubrication & hydraulic unit, air cooler, blower motors and heaters.

Serial number plate material- Aluminium

- Material of the crusher, lubrication & hydraulic unit and automation identification plates.

Color- Metso beige

- Color of the crusher and lubrication & hydraulic unit.

Main Unit

Crusher kinematics- Classic

Main frame liner- Standard

Hydraulic motor location- Right to countershaft

Crusher cavity- Included

Cavity type- Standard coarse

Motor position- Standard btw 8 and 4 o'clock

Drive- Single drive

- A single drive configuration provides installation for a single electric motor.

Accumulator certification- Standard

- Standard certification (CE, ASME, CRN, SELO, AS12100)

Minimum ambient temperature- Normal cond. down to -15°C/5°F

- Lowest accepted ambient temperature.
- Acceptable minimum temperature is -15°C (5°F)

Motor

Crusher pulley- Included

- Crusher pulley and hub.

Grooves type- 8V

- Profile used for the crusher pulley, motor pulley and V-Belts

Quantity of motors- 1 EA

Motor supplier- Customer

Motor speed / pole number- 4 (1500rpm 50Hz/1800rpm 60Hz)

Countershaft speed- 950 PMI

Crusher pulley size- 762 MM

Options

Accumulator charging kit- Included

Tool to check the pressure inside the accumulator and to connect the inflator head to the reducing valve. Parts delivered:

- Inflator head
- Manometer
- Hose (to connect the inflator head to the reducing valve)
- Connectors (to connect the inflator head to the accumulators)

Fan-cooled

Cooling medium- Air

- Type of cooler
- Air / oil cooler.

Maximum ambient temperature- Normal cond. up to 40°C/103°F

- The highest ambient temperature.
- For this ambient temperature 40°C (104°F), METSO delivers a standard cooler.

Quantity of cooler motors- 1 EA

Cooler location-On frame

- Air / oil cooler delivered on frame with hose between lubrication & hydraulic unit and cooler.

Documentation

Lang. for electronic manual- English

Quantity of printed manuals- 2

