

# Metso Nordberg HP300 Cone Crusher w/ Common Lube Unit #1185

**#SN: SOR0383**

## Main Info

This HP300 Cone Crusher is currently on a GreyHawk Chassis, but can be removed upon request.

**Installation-** Stationary

**Industry-** Construction

**Information message-** NOTE!

**Lubrication unit-** Included

- 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

- If Metso automation is not included. Digital signals available (switches).
- Inductive detector for adjustment setting
- Temperature and pressure for start and stop authorizations Motor starters are not delivered.

**Norm-** UL

**Frequency-** 60

- 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-** Aluminum

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

**Color-** Metso beige

- Color of the crusher and lubrication & hydraulic unit.

**Instruction plate language-** English

- Language of the warning stickers.

#### Main Unit

**Crusher eccentricity-** Standard

**Main frame liner-** Standard

**Hydraulic motor location-** On countershaft centerline

**Crusher cavity-** Included

- For more details about crusher cavity, see Specification Crusher's liners are included and installed.

**Cavity type-** Standard coarse

- For more details about crusher cavity type, see Specification

**Motor position-** Standard btw 8 and 4 o'clock

- Crusher motor installed between 8 and 4 o'clock.

**Drive-** Single drive

- For more details, see technical specification.
- A single drive configuration provides installation for a single electric motor.

**Accumulator certification-** Standard

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

**Ambient temperature-** Normal condition down to -15°C

- 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

**Motor Supplier-** Customer

- Crusher motor
- For more details, see technical specification
- If installed on Metso frame, compatibility have to be checked.

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

**Countershaft speed-** 1,150

**Crusher pulley size-** 630

#### Options

#### **Accumulator charging kit-** Included

- Tool to check the pressure inside the accumulate 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)
  - Connector specific to customer countty (to adapt and connect hose to the reducing valve)

#### Lub Unit

#### **Connection type-** "NPT"

- Connection type of the main return line (between the crusher and lubrication & hydraulic unit).

#### Fan-cooled

#### **Cooling medium-** Air

- type of cooler
- air / oil cooler

#### **Cooler type-** Air cooler up to 40°C

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

#### **Quantity of cooler motors-** 1

