
Sandvik DE710 Diamond Core Drill [Inventory ID #438057]



- Make: Sandvik
- Model: DE710
- Year: 2010
- Hours: 7545
- Self-Propelled
- Track Mounted
- Diesel John Deere JD6068TF250
- Location: South America

Technical Specifications of: Sandvik Make DE 710-Heavy Duty Core Drill Rig

Special Features:

- "P" Size rotation head with chuck drive and hollow spindle
- All hydraulic operated
- One rod clamp supports B,N,H & P rod sizes 44.5 to 177.8 mm or (1-3/4 to 7 inches)
- Head transverse system directly coupled to rotation head carriage.

Depth Capacity :

- N 5: 1126 m (3693 ft)

Standard Drill head/ Rotational Unit:

- Hollow spindle ID: 120 mm (4.73inch) P
- Hydraulic Motor: 160cc Variable displacement
- Torque low gear: 1454 Nm (1072lbft @ 1500 Rpm)
- Torque High gear: 475 Nm (350 lbft @ 1500 Rpm)
- Rotation Speed: 100 to 1500 (yw0 gears)

- Number of jaws: 05

Standard rod holder/Clamp:

- Number of jaws: 02
- Gripping range: 44.5-177.8 mm (1.75-7 inch)
- Maximum Opening (No jaws): 238mm(9.37inch)

Transverse/Feed:

- Type: Hydraulic Cylinder direct coupled to rotation unit
- Feed force: 53.2KN or 5.5tonnes or 12000 lbf
- Pull force: 91.2 KN or 9.3 tonnes or 20500 lbf
- Feed length (stroke) : 3.45m (11 ft 3 inches)
- Speed up & down: 30m/min (100ft/min) ü

Main winch:

- Pull capacity: 76.6KN (7.8tonnes) (17200lbf)
- Speed: 55 m/min (180ft/min)
- Cable diameter: 14mm (0.55inch)

Wireline Winch:

- Pull capacity: 7.8 KN (1750lbf)
- Speed: 270 m/min (887 ft/min)
- Cable capacity: 1000m x 5 or 6mm (2380ft x 3/16 or ¼ inch)

Engine:

- Diesel: John Deere JD6068TF250
- Power @ 2200 Rpm: 130 or 134 KW (174 or 180 hp)
- Maximum Working pressure (rotation hydraulic oil): 265bar (3844 psi)
- Maximum flow (rotation hydraulic oil): 200L/min (53 US gallon/Min)
- Tank volume (Hydraulic oil): 400L (106 US gallon)
- Emission Ratings: EU Stage III CARB/EPA Tier 3

Water Pump:

- Flow: 140 L/min (37 US gallon/min)
- Maximum pressure:7000Kpa (1000psi)

Weight:

- Complete rig mass –Track version: 12526 Kg or 27615 lb