



# CD3TTM H

## DRILLING EQUIPMENT

*The CD3TTM H is drill rig that is mounted on a 10 ton truck, along with a 900 CFM-150 PSI air compressor which is run by a John Deere engine, for its easy and comfortable transportation.*

*The CD3TTM H is designed to drill with a 12" (305 mm) DTH Hammer and 19 1/2" (495 mm) bit, up to 3 meters depth, as well as it can drill with a 8" (203 mm) DTH Hammer and 12" (305 mm) bit up to a depth of 90 meters.*

### APPLICATIONS

- Water Wells
- Pilot Holes
- Servicing Holes
- Blasting



#### DIMENSIONS AND WEIGHT (approx.)

Length	5890 mm
Width	1000 mm
Weight	8.5 ton

#### WATER INJECTION PUMP

Engine	Hydraulic
Type	triple piston
Capacity	10 L/min Adjustable flow
Max. Pressure	35 kg/cm <sup>2</sup>

#### ROTATION SYSTEM

Top head is mounted out of the rails for an easy managing of the pipes.

Box type	Gear rectum
Rotation	45 rpm
Torque	346 kg-m (3400 Nm)

#### FEED SYSTEM

Traverse cylinder	Hidráulico de 1800 mm de carrera
Head travel	3.6 m
Pull-up capacity	6000 kg
Pull-down capacity	3600 kg

#### WINCH

Planetary with spring applied hydraulic release break, with 30m cable.

Spool capacity	40 m - Ø ½"
Line pull	2 ton

#### HYDRAULICS OUTRIGGERS

Hydraulic outriggers are fitted to the outer corners of the rig for easy and accurate leveling.

#### CONTROL PANEL

All controls gauges are grouped at the operator's station within sight of the borehole.

#### HYDRAULIC SYSTEM

General	System of gears double
Capacity of tank	60 L
Operation pressure	190 bar

#### COMPRESSOR

Type	1 Stage
Engine	John Deere
	6 Cylinders diesel engine
Rated power	300 HP / 2200 rpm
Capacity	900 cfm
Pressure	150 psi

#### DRILLING CAPACITY

Max. Diameter	19 ½" (495 mm)
Max. Depth	100 m
Drill pipe length	3 m
Max. Diameter ADM	12" (304 mm)

#### OPTIONAL

##### CARROUSEL

Type	Electrohydraulic
Capacity	6 pipes
Weight	300 kg (out pipes)

##### ENGINE

Model	Yanmar
	3 cylinder diesel engine
	35 hp / 3000 rpm

Fuel capacity	48 L
Cooling system	Water

##### INSTALLATION

Truck mounted	10 ton.
Pickup mounted	3.5 ton.
Compressor trailer mounted	5 ton



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