

## CMR4-DTH-10-240



### FEATURES

- Engineered for maximum holes per day
- Optimised for repetitive, high-accuracy drilling
- High-frequency DTH hammer compatibility (max. hole size 250mm dia.; max. hole depth 2,400mm)
- Minimal setup time between holes
- Low total cost per hole drilled
- Adjustable feed pressure control to suit site conditions
- Variable rotation speed and torque rotation drive
- Heavy duty rotary head with high torque & high / low gear ratio
- Narrow guage for ease of transport
- On screen drill mast verticality indicator
- On screen, adjustable hole depth indicator
- Digital data logging
- Low ground pressure tracks for soft soil
- Tramming gradeability up to 20 degrees (mast lowered only)
- Air cooled diesel engine

### SAFETY

- Emergency Stops on remote control & machine
- Strobe lights
- Spot Lights for night work
- Engine management system

### APPLICATION

Designed specifically for utility-scale solar farms  
DTH hammer drilling & Auger drilling of solar post holes

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### SPECIFICATIONS

#### General Dimensions

Length (transport)	4630 mm
Width	1940 mm
Height (transport)	2190 mm
Weight	4400 kg
Ground clearance	385 mm

#### Performance

Maximum Trimming Speed	1.85 kph (LR) 3.7 kph (HR)
Maximum Hole Depth	2400 mm
Maximum Hole Size *	250 mm
Maximum incline (trimming)	20 deg.

#### Hydraulics

Maximum Hydraulic System Pressure	190 Bar
Maximum Hydraulic System Flow	101 lpm
Blast Fan Cooler (12VDC)	S5
Cyclone Oil Reservoir	20 GPM

#### Electrics

Control System 12VDC  
DS E100 / IFM Engine Management System

#### Diesel Power

Kirloskar air-cooled HA494 engine, 12VDC Control System

46 kW @ 2300 rpm  
(sea level)

Diesel Tank Capacity 120 ltr

#### Rotation Drive Unit

Gear	1	2	
Rotation Speed	64	32	rpm
Torque	2255	4510	N.m
Weight		155	kg
API Reg.	3 1/2	In.	

#### Drill Mast

Mast Length	4630 mm
Maximum Drill Travel	3100 mm
Maximum Torque Rating	12000 N.m
Maximum Feed/Retract Thrust (chain)	3000 kg.f

\* Dependent on ground conditions and rotation unit selected