

TECHNICAL SPECIFICATION

PRD 300 Diamond Core Drilling



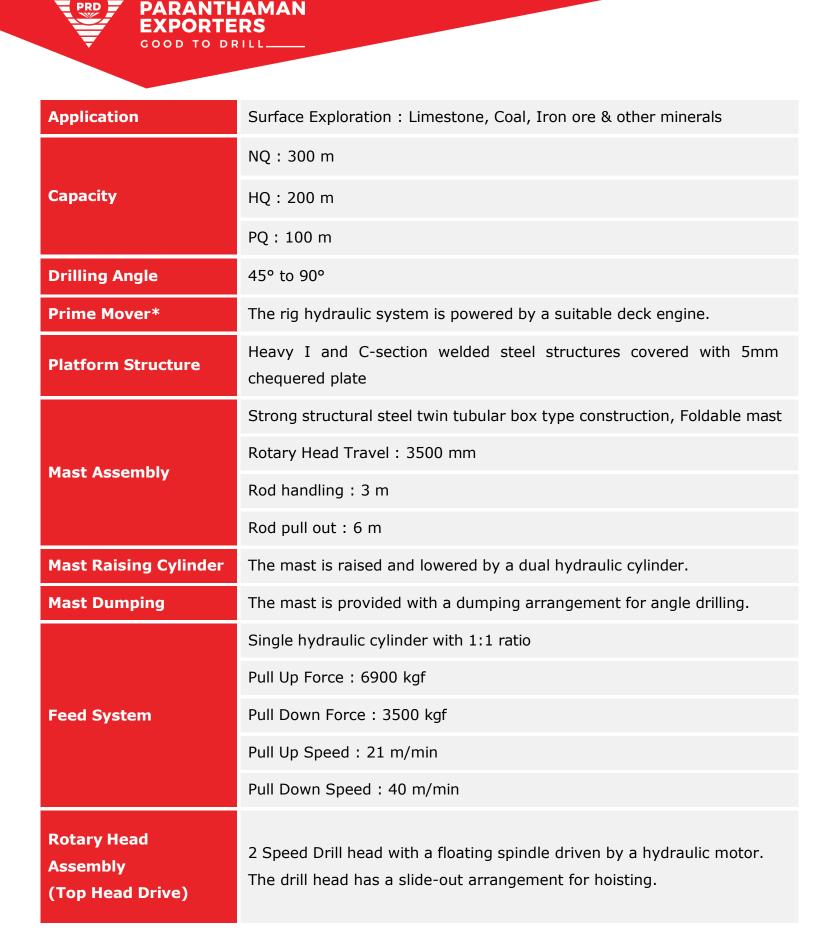
- Fuel efficient.
- Low maintenance.

- Easy to operate.
- ✤ Low operating cost

Miners preferred hydrostatic surface core drilling rig capable to drill 300 Mtr of NQ size. High speed & torque top drive rotary head

Note: The images provided here are for reference only and do not depict the exact specification outlined in this document.



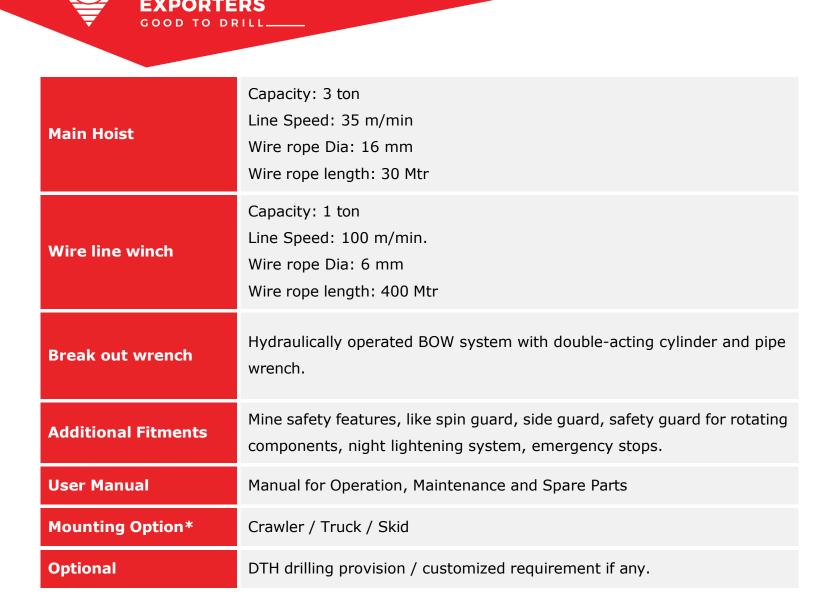




Torque: 3175-1161 N-m 1st Ratio Speed : 113-309 rpm **Rotary Head** Torque: 958-350 N-m Assembly 2nd Ratio Speed : 375-1026 rpm (Top Head Drive) Floating Spindle Stroke 75 mm Variable displacement hydrostatic closed loop pump for Rotation Variable displacement pump for Feed, Winch's, Water pump & Auxiliary Fixed displacement pump for Hydraulic oil cooler **Hydraulic System** Maximum System Pressure : 3000 psi (210 bar) Hydraulic Oil Cooler : 120 gpm Hydraulic Tank Capacity: 300 litres A centralised control panel is at the rear left end of the equipment for a convenient view of the drill table, which is provided with all necessary **Control Panel** gauges, a control system, and an emergency switch. 4 no's Hydraulic levelling jacks are provided for quick setting and levelling **Levelling Jacks** of the drill rig. Locking check valves for safety with adequate capacity to withstand loads. Foot Clamp Hydraulic operated Rod clamp has gripping range of PQ, HQ and NQ sizes A hydraulically operated triplex mud pump with necessary fittings, a pressure regulator, a flow regulator, and a suction filter are provided. Water Pump Maximum Flow: 80 lpm Maximum Pressure : 750 psi

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*Combinations will vary according to our Design feasibility's

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