



GOOD TO DRILL.



DESIGNED TO PERFORM



BUILT TO ENDURE



GOOD TO DRILL



Scan AR Code
View the rigs for an experience

Water Well Rigs
Blast Hole Rigs

Exploration Rigs
Drilling Accessories



Our Legacy and the Success

In 1992, PRD Rigs manufactured its first Hydraulic Rig. This was just the beginning of a long-lasting success story in the drilling rigs manufacturing industry. Innovation and strategy are our mantras. We strive to constantly learn, evolve and re-invent quality drilling rigs. We have substantially catered to the domestic market by providing nearly 2000 rig units since inception. Our commitment towards quality drilling rigs kept the ball moving further down the field and we penetrated the global arena in 1999. Consistent quality has been the key in sustaining our global presence. As a testimony to excellence, we are the first drilling rig manufacturing company with an ISO certification (9001:2015).

Diverse product range is another accomplishment of PRD Rigs. Drilling equipment for water wells, mining, exploration, construction and special purpose rigs form the PRD Rigs spectrum. Our R & D team keeps the innovation wheel rolling to provide economical but robust drilling rigs. Also, we recognize the need for providing adaptable solutions that suit specific regional needs. Therefore, we tailor-make drilling rigs to have every need covered.

30+
rig
models

2500+
units sold
across the
world

75+
countries

500+
happy
customers

Global Presence

We operate internationally with offices in Kenya, Tanzania, Cameroon, Nigeria, Ghana, Burkina Faso, Mali, Guinea and Sri Lanka. Our dealership network involves several locations around the globe spanning Asia, Africa, South America and Australia.



PRD Max Drill 4000

Application	De-watering & monitoring holes, Cathodic protection
Drilling method	DTH & Rotary Drilling
Hole diameter range	165 - 508 mm (6 ½" - 20")
Maximum depth	1350 m @ 165 mm (6 ½")
Pull up force	42200 kgf
Pull down force	18500 kgf
Rotary head	13700 Nm, 0 - 120 rpm
Air compressor	1500 cfm - 400 psi 1350 cfm - 365 psi / 425 psi 1200 cfm - 330 psi
Mud pump	10" x 7" Engine / Hydraulic driven duplex double acting mud pump
Angle drilling	60° - 90° manual locks in 5° increment



PRD OZ Drill

Application	Cathodic protection De-watering & monitoring holes, Irrigation
Drilling method	DTH & Rotary Drilling
Hole diameter range	165 mm - 508 mm (6 ½" - 20")
Maximum depth	750 m @ 165 mm (6 ½")
Pull up force	25800 kgf
Pull down force	17700 kgf
Rotary head	9000 Nm, 0 - 100 rpm
Air compressor	1500 cfm - 400 psi 1350 cfm - 365 psi / 425 psi 1200 cfm - 330 psi
Mud pump	8" x 6" Hydraulic driven duplex double acting mud pump / 10" x 7" Engine driven duplex double acting mud pump



PRD Max Drill+

Application	Domestic Water wells, Monitoring holes, Irrigation
Drilling method	DTH & Rotary Drilling
Hole diameter range	165 - 356 mm (6 ½" - 14")
Maximum depth	600 m @ 165 mm (6 ½")
Pull up force	18000 kgf
Pull down force	11800 kgf
Rotary head	6545 Nm, 0 - 100 rpm
Air compressor	1200 cfm - 330 psi
Mud pump	6" x 6" / 8" x 6" Hydraulic driven duplex double acting mud pump



PRD Speed Star

Application	Domestic Water wells
Drilling method	DTH & Rotary Drilling
Hole diameter range	165 - 305 mm (6 ½" - 12")
Maximum depth	363 m @ 165 mm (6 ½")
Pull up force	10000 kgf
Pull down force	7300 kgf
Rotary head	4020 Nm, 0 - 100 rpm
Air compressor	1100 cfm - 300 psi 1200 cfm - 330 psi
Mud pump	6" x 6" Hydraulic driven duplex double acting mud pump



PRD SPIDER 3

Application	Domestic Water wells
Drilling method	DTH & Rotary Drilling
Hole diameter range	165 - 305 mm (6 ½" - 12")
Maximum depth	363 m @ 165 mm (6 ½")
Pull up force	12000 kgf
Pull down force	7300 kgf
Rotary head	4020 Nm, 0 - 100 rpm
Air compressor	1100 cfm - 300 psi 1200 cfm - 330 psi
Mud pump	6" x 6" Hydraulic operated mud pump on separate skid



PRD 650

Application	Domestic Water wells
Drilling method	DTH & Rotary Drilling
Hole diameter range	165 - 254 mm (6 ½" - 10")
Maximum depth	250 m @ 165 mm (6 ½")
Pull up force	7800 kgf
Pull down force	5300 kgf
Rotary head	3000 Nm, 0 - 80 rpm
Air compressor	1100 cfm - 300 psi 575 cfm - 225 psi
Mud pump	5" x 4 ½" Hydraulic driven duplex double acting mud pump



PRD 600

Application	Domestic Water wells
Drilling method	DTH & Rotary Drilling
Hole diameter range	165 - 203 mm (6 ½" - 8")
Maximum depth	180 m @ 165 mm (6 ½")
Pull up force	6350 kgf
Pull down force	3800 kgf
Rotary head	2100 Nm, 0 - 80 rpm
Air compressor	550 cfm - 200 psi
Mud pump	Engine / Hydraulic driven Centrifugal Mud Pump



PRD 500 T

Application	Domestic Water wells
Drilling method	DTH & Rotary Drilling
Hole diameter range	114 - 152 mm (4 ½" - 6")
Maximum depth	150 m @ 114 mm (4 ½")
Pull up force	5100 kgf
Pull down force	3100 kgf
Rotary head	2100 Nm, 0 - 80 rpm
Air compressor	600 cfm - 200 psi
Mud pump	Engine / Hydraulic driven Centrifugal Mud Pump



PRD Novastar 500



Application	Domestic Water wells
Drilling method	DTH & Rotary Drilling
Hole diameter range	203 mm - 610 mm (8" - 24")
Maximum depth	500 m @ 165 mm (6 ½")
Pull up force	19950 kgf
Pull down force	9395 kgf
Rotary head	10500 Nm, 0 - 120 rpm
Air compressor	1200 cfm - 330 psi
Mud pump	10" x 7" Engine driven duplex double acting mud pump on separate skid

FEATURES

- Telescopic mast design with large diameter drilling
- Tier 3 Engine options
- High torque drill head with tilting options
- Outrigger jacks for easy loading / unloading on the trucks



PRD Novastar 350



Application	Domestic Water wells
Drilling method	DTH & Rotary Drilling
Hole diameter range	203 mm - 432 mm (8" - 17")
Maximum depth	365 m @ 165 mm (6 ½")
Pull up force	16485 kgf
Pull down force	8400 kgf
Rotary head	6545 Nm, 0 - 100 rpm
Air compressor	1100 cfm - 300 psi
Mud pump	Engine driven centrifugal Mud pump on trolley

PRD TMR

Application	Domestic water wells, Piling, Solar, Exploration
Drilling technique	DTH / Rotary / Piling
Drilling Capacity	Water well drilling 6 1/2" diameter upto 200 m
	Pile Drilling 1200 mm diameter upto 30 m (water assisted)
Pull up force	7900 kgf
Pull down force	5400 kgf
Rotary head	4000 Nm, 0 - 80 rpm
Air compressor	550 cfm - 200 psi
	1100 cfm - 300 psi
Mud Pump	Hydraulic driven centrifugal mud pump



Piling Rig



Auger Rig

PRD WW30

Application	Water Wells
Drilling method	DTH
Hole diameter	117 mm
Maximum depth	850 m
Pull up force	30000 kgf
Pull down force	10700 kgf
Rotary head	9400 Nm, 0 - 100 rpm
Air compressor	1200 cfm - 330 psi 1500 cfm - 508 psi
Mud pump	8 X 6 - Reciprocating piston pump 10 X 7 - Reciprocating piston pump
Rod handling	Auto rod handling options available



PRD Autoloader

Application	Domestic Water wells
Drilling method	DTH & Rotary Drilling
Hole diameter	165 - 356 mm (6 ½" - 14")
Maximum depth	450 m @ 165 mm (6 ½")
Pull up force	14100 kgf
Pull down force	8600 kgf
Rotary head	4500 Nm, 0 - 100 rpm
Air compressor	1100 cfm - 300 psi 1200 cfm - 330 psi
Mud pump	6"x 6" Hydraulic driven Mud Pump Hydraulic driven Centrifugal Mud Pump
Rod handling	Auto rod handling unit to hold 40 no's of 5 m drill pipe on board

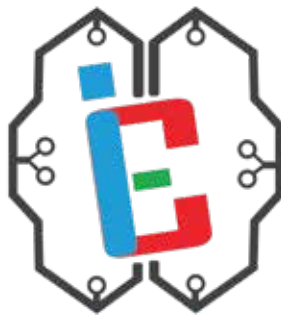


PRD Pole Drill

Application	Concrete piling, Conductor casing in Oil & Gas, Pole erection
Drilling technique	DTH
Hole Diameter	450 mm - 1200 mm
Maximum depth	15 m
Pull up force	20000 kgf
Pull down force	8500 kgf
Rotary head	14000 Nm, 0 - 50 rpm
Prime mover	260 hp
Air compressor	2 x 1100 cfm - 300 psi 2 x 1200 cfm - 330 psi



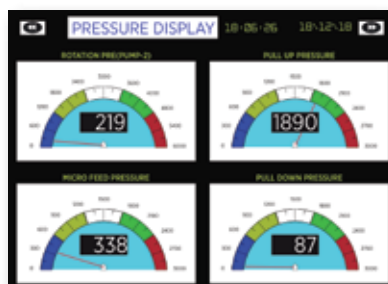
PRD ICE Package



Intelligent Control Efficiency

PLUG & PLAY FOR ANY WATERWELL RIG

- Real time fuel monitoring
- Drilling progress monitoring
- Drill efficiency indicator
- Bit load sensing system
- GPS location monitoring system
- Power breakout system
- Digital display in control panel
- Centralised hydraulic test station
- Real time hydraulic system status
- Remote access through mobile app
- Fire extinguisher and hose reel
- Adaptable for all Water well rig models



PRD Test Pumping Unit

Boom capacity	15 ton
Max.vertical reach	9800 mm
Max.horizontal reach	1000 mm
Genset unit	40 kVA - 120 kVA
Winch capacity	5, 7 & 10 ton options



PRD Giraffe Pump Installation Unit

Boom capacity	10 ton
Max.vertical reach	7200 mm
Max.horizontal reach	1000 mm
Winch capacity	3 ton



Compressor Range

Free air delivery	185 cfm - 1500 cfm
Pressure	100 psi - 508 psi
Mounting option	Skid platform / Trolley / Truck
Optional attachment	Hose reel, Fuel tank
Make	ELGI / Atlas Copco / Doosan



Mud Pump Range

PRD Duplex Double Acting Piston Mud Pump

Model	Stroke	Liner Size	Displacement (in lpm)	Max Pressure (in kg/cm ²)
PRD 125	5" (127 mm)	4 ½" (114 mm)	435 - 665	18 - 10
PRD 150	6" (152 mm)	6" (152 mm)	477 - 915	35 - 18
PRD 200	8" (203 mm)	6" (152 mm)	570 - 1333	45 - 20
PRD 250	10" (254 mm)	7" (178 mm)	782 - 1980	50 - 20



PRD Engine driven Mud pump

PRD Centrifugal Mud Pump

Discharge	600 lpm
Engine Power	10 hp
Engine make	Yanmar
Delivery / Suction size	65 mm / 75 mm



PRD Hydraulic driven Mud pump



PRD Centrifugal Mud pump

Lubricants



XTREME S SYNTHETIC
SCREW COMPRESSOR OIL



CUT SUPER



DEEP DRILLING
HAMMER OIL



GEAR OIL GL-4 140



HYDRO AW 68



HIGH PRESSURE
SCREW COMPRESSOR OIL



PREMIUM BLUE
15W40 CH4

Casing Pipes



Steel Casing Pipes



PVC Casing Pipes

Drilling Tools & Accessories



GOOD TO DRILL.



DTH Hammer & Bits



Tricone Bits



Drag Bits / Clay Bits



Drill Rod

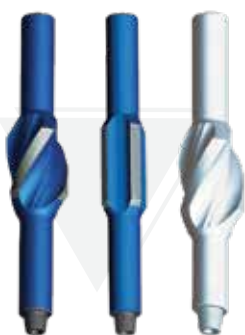


Drilling Fluids



Geo physical survey instruments

Special Accessories



Stabilizer



ODEX Tools



Special Purpose Tools

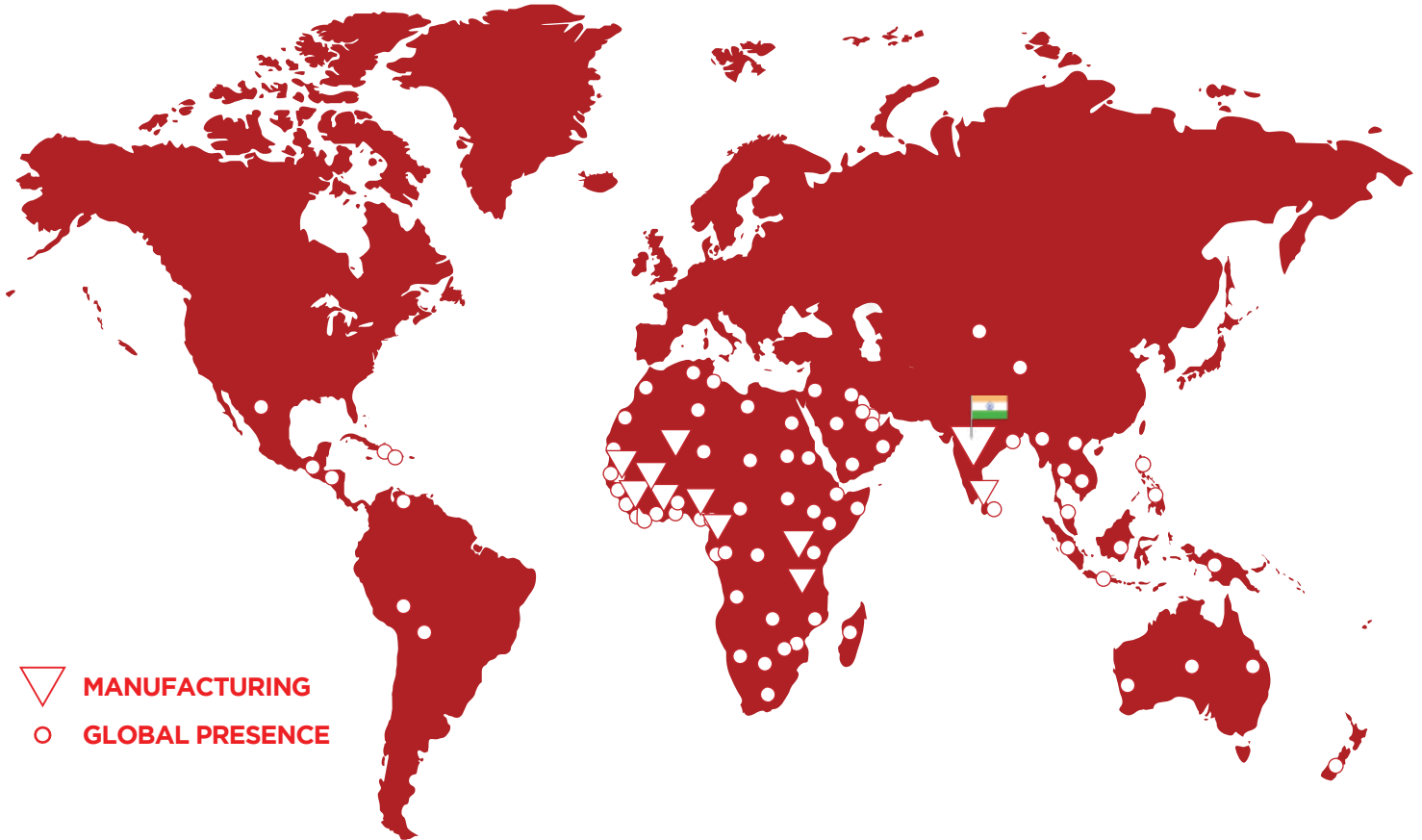


Large Diameter Tools



PARANTHAMAN EXPORTERS
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GLOBAL PRESENCE



SALES & SERVICE CENTERS

- ▽ PRD RIGS KENYA LTD
Nairobi, Kenya.
- ▽ PRD RIGS TANZANIA LTD
Dar Es Salaam, Tanzania.
- ▽ PRD RIGS MALI SARL
Bamako, Mali.
- ▽ PRD RIGS GHANA LTD
Accra, Ghana.
- ▽ PRD RIGS LANKA PVT LTD
Ja-Ela, Sri Lanka.
- ▽ PRD RIGS GUINEE SARL
Conakry, Guinee.
- ▽ PRD RIGS BURKINA FASO SARL
Ouagadougou, Burkina Faso.



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