



GOOD TO DRILL[®]



-  **DESIGNED TO PERFORM**
-  **BUILT TO ENDURE**
-  **GOOD TO DRILL**

HAPPY DRILLING FOREVER WITH PRD RIGS _____

WATER WELL RIGS



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 4000 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

4000+
units sold
across the
world

75+
countries

750+
happy
customers

Global Presence

We operate internationally with offices in Kenya, Tanzania, 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 MAXDRILL® 4000

Application	Water wells
Drilling method	DTH & Rotary drilling
Hole diameter range	165 - 610 mm (6 ½" - 24")
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
Mud pump*	1200 cfm - 330 psi
	10" x 7" Engine / Hydraulic driven duplex double acting mud pump



PRD OZ® DRILL

Application	Water wells
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
Mud pump*	1200 cfm - 330 psi
	8" x 6" / 10" x 7" hydraulic driven duplex double acting mud pump



PRD MAXDRILL⁺

Application	Water wells
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	Water wells
Drilling method	DTH & Rotary drilling
Hole diameter range	165 - 305 mm (6 ½" - 12")
Maximum depth	400 m @ 165 mm (6 ½")
Pull up force	13000 kgf
Pull down force	8000 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 650

Application	Water wells
Drilling method	DTH & Rotary drilling
Hole diameter range	165 - 254 mm (6 ½" - 10")
Maximum depth	250 m @ 89 mm (3 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 TMR

Application	Water wells
Drilling method	DTH & Rotary drilling
Drilling Capacity	6 ½" diameter upto 200 m
Pull up force	7900 kgf
Pull down force	5400 kgf
Rotary head	4000 Nm, 0 - 80 rpm
Air compressor	575 cfm - 225 psi 1100 cfm - 300 psi
Mud Pump	Hydraulic driven centrifugal mud pump



PRD 500 T

Application	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	575 cfm - 225 psi
Mud pump	Engine / Hydraulic driven centrifugal mud pump



PRD NOVASTAR 500

Application	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	20000 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

Outrigger jacks for easy loading / unloading on the trucks



PRD NOVASTAR 350

Application	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

Outrigger jacks for easy loading / unloading on the trucks



PRD 300

Application	Water wells
Drilling method	DTH & Rotary drilling
Hole diameter range	105 mm - 325 mm (4.1" - 12.7")
Maximum depth	300 m @ 105 mm (4")
Pull up force	18000 kgf
Pull down force	6000 kgf
Rotary head	6500 Nm, 50 - 90 rpm



PRD OZ® DRILL AUTOLOADER

Application	Water wells
Drilling method	DTH & Rotary drilling
Hole diameter	165 mm - 508 mm (6 ½" - 20")
Maximum depth	850 m @ 165 mm (6 ½")
Pull up force	30000 kgf
Pull down force	10700 kgf
Rotary head	9000 Nm, 0 - 100 rpm
Air compressor	1200 cfm - 500 psi 1165 cfm - 508 psi
Mud pump	8" x 6" Hydraulic driven duplex double acting mud pump / 10" x 7" Engine driven duplex double acting mud pump
Rod handling	PLC controlled automatic rod handling system



PRD AUTOLOADER

Application	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 duplex double acting mud pump
Rod handling	PLC controlled automatic rod handling system
Rod bin capacity	70 rods of 4 ½" OD 6 m length rods



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
Additional attachment	Hose reel, Fuel tank
Make	ELGI / Atlas Copco / Bobcat



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 1/2" (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 Centrifugal Mud Pump

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



PRD ENGINE DRIVEN MUD PUMP



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



DTH HAMMER & BITS



TRICONE BITS



DRAG BITS / CLAY BITS



DRILL ROD

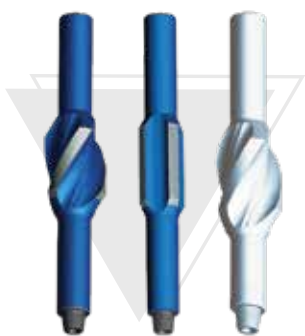


DRILLING FLUIDS



GEO PHYSICAL SURVEY INSTRUMENTS

Special Accessories



STABILIZER



ODEX TOOLS



SPECIAL PURPOSE TOOLS



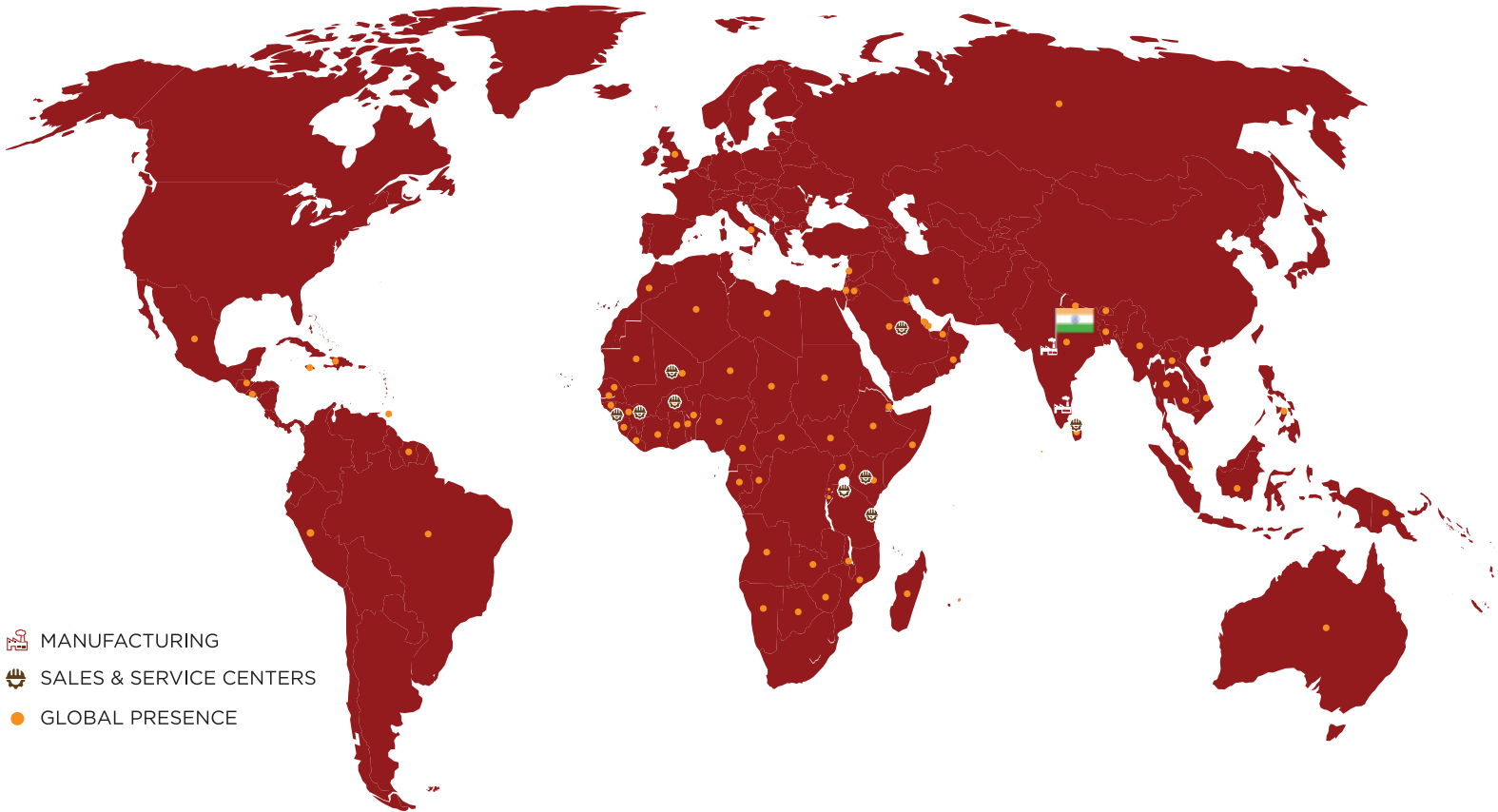
LARGE DIAMETER TOOLS






PARANTHAMAN EXPORTERS
GOOD TO DRILL

Water Well Drilling Rigs
Exploration Rigs | Drilling Accessories

GLOBAL PRESENCE



-  MANUFACTURING
-  SALES & SERVICE CENTERS
-  GLOBAL PRESENCE

SALES & SERVICE CENTERS

- ▽ Nairobi, Kenya
- ▽ Dar Es Salaam, Tanzania
- ▽ Mwanza, Tanzania
- ▽ Bamako, Mali
- ▽ Ja-Ela, Sri Lanka
- ▽ Conakry, Guinea
- ▽ Kankan, Guinea
- ▽ Ouagadougou, Burkina Faso
- ▽ Accra, Ghana
- ▽ Riyadh, Saudi Arabia



**PARANTHAMAN
EXPORTERS**
GOOD TO DRILL® _____

📍 Plot No. M8, M9, SIPCOT SEZ for Engineering Products,
Perundurai - 638 052, Tamil Nadu. India.

☎ + 91-97866 88799
☎ + 91-4294 234482

✉ marketing@prdrigs.com
🌐 www.prdrigs.com

