

Slick Bore Machines

Conventional Stand-Alone Rigs: 3D, 3DT & 4DT

- Cummins diesel engine with enclosure.
- Twin Disc PTO and clutch.
- Eaton-Fuller 5-speed transmission.
- Bolt-on flange adapter.
- Roll cage with lifting point.
- 6-month limited warranty.



All-Hydraulic Systems: AH100, AH300 & AH400

- Cummins diesel engine with enclosure.
- Hydraulic tank with in-tank heat exchanger, temperature gauge and site gauges.
- Independent hydraulic circuits for rotation and travel.
- 50-foot hydraulic hoses with quick disconnects on both ends.
- Single point lifting eyes on both the boring rig and the power unit.
- 6-month limited warranty.



SPECIFICATIONS	3D	3DT	4DT	AH100	AH300	AH400
System Type	stand alone rig	stand alone rig	stand alone rig	rig & power unit	rig & power unit	rig & power unit
Bore Rig Length (in)	182	194	204	120	120	135
Bore Rig Width (in)	34	34	42	16	26	30
Bore Rig Height (in)	60	60	69	26	32	36
Bore Rig Weight (lbs)	3,540	3,660	4,860	290	820	1,680
Drill Center Height (in)	9	9	9	9	9	9
Stroke (in)	68	80	80	48-80	48-80	48-130
Horsepower	65	85	110	65	85	110
Max. Torque (ft-lbs)	4,800	6,773	10,240	647	1,580	11,500
Max RPM	400	400	400	200	222	275
Max. Push (lbs)	19,000	19,000	41,000	1,200	8,000	9,800
Max. Pull Back (lbs)	14,700	14,700	34,000	1,200	8,000	9,800
Travel	hyd cylinders	hyd cylinders	hyd cylinders	sprocket/chain	rack/pinion	rack/pinion
Rotation: Hyd or Mech	mechanical	mechanical	mechanical	hydraulic	hydraulic	hydraulic
Transmission	Eaton 5-sp	Eaton 5-sp	Eaton 5-sp	—	—	Eaton 5-sp
Hyd. Tank Capacity (gal)	28	28	34	100	100	130
Fuel Tank Capacity (gal)	22	22	24	24	24	32
Boring Capability* (dia/lin ft)	26/250	32/250	36/500	12/150	20/150	30/300
Aux. Mtd. Centrifugal Water Pump	—	—	—	optional	optional	optional
Power Unit Length (in)	—	—	—	96	96	96
Power Unit Width (in)	—	—	—	42	42	48
Power Unit Height (in)	—	—	—	56	56	60
Power Unit Weight (lbs)	—	—	—	3,310	3,460	3,740

* Based on typical cohesive clays.

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