

SACI

DR-1100 Crawler Rig

- 2296' bore depth
- Stable output torque
- Strong rotating power
- Hydraulic high jack legs
- Best price-performance



Package components:

1	DR-1100	Water/air rotary drilling rig (see reverse for specifications)
1	MP-20	Mud pump, integrated with rig (see reverse for specifications)
55	DP89-3	Drill pipe 3.5" * 10'
2	DB-3W	Three wing drill bit 6"
1	GP-13	Grout pump with mixer (see reverse for specifications)

Repair parts free of charge for one year

Specifications

Drilling Rig (DR-1100):

Cummins Diesel engine:		Dimension (L*W*H) (feet)	24x8x9
Cylinders	6	Rotation speed (r/min)	0 - 100
Displacement	8.9L	Rotation torque (ft lb)	11000 NM
Power @ 2200rpm	360hp	Lifting power (tons)	60
Torque @ 1400 rpm	1091 ft lb	Lifting speed (ft/min)	59
Bore Diameter	6" - 17"	Weight (lbs)	37000
Bore Depth	2300'	Air operation:	
		Air pressure (psi)	400

Mud pump(MP-20):

Pump speed (times/min):		Pressure (psi):	
Gear 1	223	Gear 1	290
Gear 2	168	Gear 2	435
Gear 3	112	Gear 3	580
Gear 4	85	Gear 4	725
Displacement (gal/min):		Volume fraction	90%
Gear 1	118	Combined efficiency	75%
Gear 2	90	Input power (ft lb)	4332
Gear 3	63	Input speed (r/min)	460
Gear 4	45	Suction pipe dia. (in)	3.5
		Discharge pipe dia.(in)	2

Grout Pump (GP-13):

		Gross weight (lbs)	1200
Grout output (SCFM)	1-3	Dimension(inch)	75*32*32
Diesel power (hp)	7	Mixer capacity (gal)	52