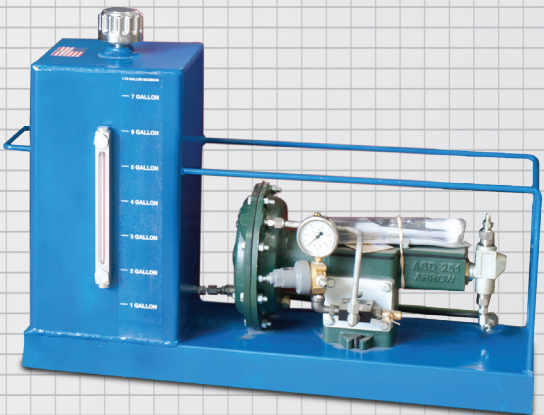


ACCESSORIES / SERVICES

WATER INJECTION SYSTEM

Ideal system for dust control. This unit is equipped with a 5.5 HP Honda drive engine and a triple piston pump that puts out 1 - 5 GPM (3.79 - 18.93 LPH). Complete with a 50 gallon (189 liter) tank, mounted in a guarded frame, and 1/4" (12.7 mm) discharge hose.

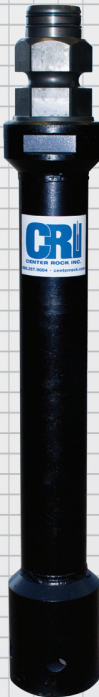


OIL INJECTION SYSTEM/BIODEGRADABLE ROCK DRILL OIL

The oil injection system is a self contained, air-actuated positive displacement system. It comes equipped with a 7 gallon (3.8 liter) reservoir with sight glass variable from 0 - 1 GPH (0-3.8 LPH). Our biodegradable rock drill oil meets all EPA standards for biodegradability. Available in 55-gallon (208.2 liter) drums and five gallon buckets.

HEX CONNECTION DRILL PIPE

The hex connection drill pipe lengths are made to meet your requirements with standard lengths being 48" (1219.2mm) and 60" (1524mm) shoulder to shoulder. Our lightweight design weighs on an average 445 lbs - 464 lbs (201.8 kg - 210.5 kg). With a 6.75" (171.45mm) female X male hex our drill pipe connects quickly.



SIDE AIR INLET SWIVEL

Our side air inlet swivel's unique ball bearing construction paired with low friction seals and o-rings allows for low friction rotation between steam and housing. The overall length is 32" (914.4mm) shoulder to shoulder and weighs 216 lbs (98 kg). There is a 2" - 3" (50.8mm - 76.2mm) female hex or square drive-up and 6.75" (171.5mm) female hex quick connection down.



LOW PROFILE DRILL BREAKOUT STAND AND TOOL KIT

Specially designed breakout stand for quick bit changes and easy hammer maintenance or repair, on or off site. Also included is a complete tool kit with all specialty tooling.



118 Schrock Drive
P.O. Box 307
Berlin, PA 15530

Toll Free: 888.267.9004
Local: 814.267.7100
Fax: 814.267.6382

www.centerrock.com



See our Utility LP Drill in action!



DRILL FASTER



RUN HARDER



WORK SMARTER



DRILL FASTER
RUN HARDER
WORK SMARTER



UTILITY DRILLS

UTILITY LOW PROFILE CANISTER DRILLS



ADVANCED DESIGN LP DRILLS®

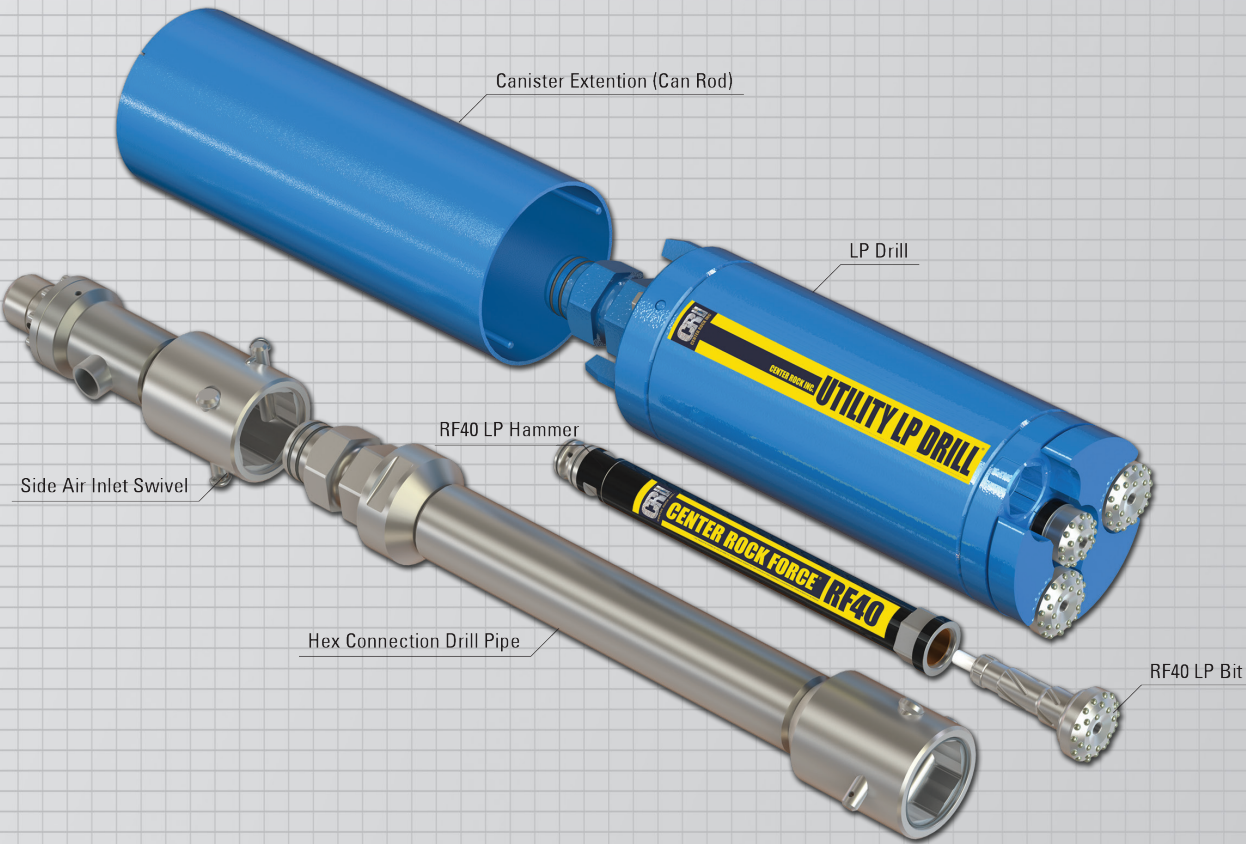
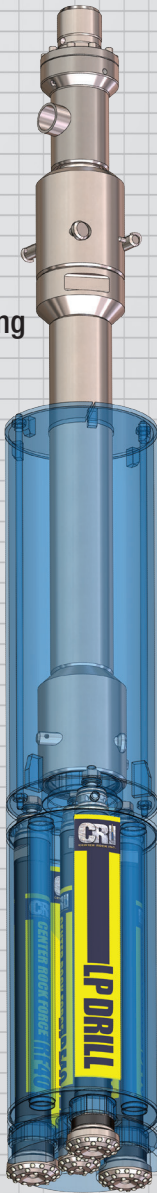
Advanced engineering of Center Rock's LP Drills® provide a cost effective solution for drilling utility/pole holes from standard diameters measuring 18", 20", 22" and 24" (457 mm, 508 mm, 559 mm, 610 mm) and custom built sizes for any requirement (up to 36" (914 mm). Some of the features and benefits include:

- Pin together hex connections.
- Meets low headroom demands, LP measures 46" (1168 mm) shoulder to shoulder.
- Lightweight construction for easier lifting and handling.
- Low vibration, no shock sub required.
- Low air requirements, minimum 825 CFM (23 cubic meters).
- Canister is only 1" (25 mm) under cutting diameter of bits for better stabilization and to maintain uphole velocity.
- Canister extension for appropriate hole flushing at deeper depths.

HOW IT WORKS

The Center Rock Utility LP Drill® is a turnkey solution for drilling utility pole holes in rock. Born from Conventional LP Drills®, manufactured for the construction market, the Utility LP Drill® is specifically designed to be mounted on digger derrick trucks utilizing a hex connection. Air is supplied to the tool from a compressor via the side inlet air swivel. The Utility LP Drill® itself is a canister outfitted with downhole hammers & bits in an engineered grid to ensure efficient and even cutting across the rock face. The result is holes drilled in rock completed in a matter of minutes compared to hours or days with conventional augers or other less effective methods.

Designed and manufactured in the USA, the Utility LP Drill® is the answer when rock is encountered.....fear no rock.



UTILITY LP DRILLS®																
	18 INCH (457 mm)		20 INCH (508 mm)		22 INCH (559 mm)		24 INCH (610 mm)		30"x18" HO" (762x457 mm)		32"x20" HO" (813x508 mm)		34"x22" HO" (864x559 mm)		36"x24" HO" (914x610 mm)	
Pilot Hole	N/A		N/A		N/A		N/A		18" (457 mm)		20" (508 mm)		22" (559 mm)		24" (610 mm)	
Number of Hammers	4		4		4		5		4		4		4		4	
Model of Hammers	RF-40LP		RF-40LP		RF-40LP		RF-40LP		RF-40LP		RF-40LP		RF-40LP		RF-40LP	
GENERAL SPECIFICATIONS:	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
Gauge Row Bit Diameter (in/mm)	6.0	152.4	6.0	152.4	6.0	152.4	6.0	152.4	6.0	152.4	6.0	152.4	6.0	152.4	6.0	152.4
Center Bit Diameter (in/mm)	4.8	120.7	6.0	152.4	6.0	152.4	6.0	152.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Height (shoulder to shoulder) (in/mm)	46.8	1189.0	46.8	1189.0	50.9	1293.9	46.8	1189.0	52.7	1340.0	52.7	1340.0	52.7	1340.0	52.7	1340.0
Weight (lbs/kgs)	1611	731	1816	824	2171	985	2363	1072	4081	1851	4393	1993	4700	2132	4998	2267
Minimum SCFM / CMPM	825.0	23.4	825.0	23.4	825.0	23.4	1000.0	28.3	825.0	23.4	825.0	23.4	825.0	23.4	825.0	23.4
Recommended SCFM / CMPM	1000.0	28.3	1000.0	28.3	1000.0	28.3	1250.0	35.4	1000.0	28.3	1000.0	28.3	1000.0	28.3	1000.0	28.3
Optimal SCFM / CMPM	1400.0	39.6	1400.0	39.6	1400.0	39.6	1750.0	49.6	1400.0	39.6	1400.0	39.6	1400.0	39.6	1400.0	39.6
Drill Pipe Weight (lbs/kgs)	460.0	208.7	460.0	208.7	460.0	208.7	460.0	208.7	460.0	208.0	460.0	208.0	460.0	208.0	460.0	208.0
Swivel Weight (lbs/kgs)	216.0	98.0	216.0	98.0	216.0	98.0	216.0	98.0	216.0	98.0	216.0	98.0	216.0	98.0	216.0	98.0
PRESSURE AND BLOWS PER MINUTE (BPM)																
100 PSI/6.9 Bar (scfm & m^3/min)	732.0	20.7	732.0	20.7	732.0	20.7	915.0	25.9	732.0	20.7	732.0	20.7	732.0	20.7	732.0	20.7
100 PSI/6.9 Bar (bpm)	1226.0	1226.0	1226.0	1226.0	1226.0	1226.0	1226.0	1226.0	1226.0	1226.0	1226.0	1226.0	1226.0	1226.0	1226.0	1226.0
150 PSI/10.3 Bar (scfm & m^3/min)	1136.0	32.2	1136.0	32.2	1136.0	32.2	1420.0	40.2	1136.0	32.2	1136.0	32.2	1136.0	32.2	1136.0	32.2
150 PSI/10.3 Bar (bpm)	1353.0	1353.0	1353.0	1353.0	1353.0	1353.0	1353.0	1353.0	1353.0	1353.0	1353.0	1353.0	1353.0	1353.0	1353.0	1353.0
200 PSI/13.8 Bar (scfm & m^3/min)	1544.0	43.7	1544.0	43.7	1544.0	43.7	1930.0	54.7	1544.0	43.7	1544.0	43.7	1544.0	43.7	1544.0	43.7
200 PSI/13.8 Bar (bpm)	1479.0	1479.0	1479.0	1479.0	1479.0	1479.0	1479.0	1479.0	1479.0	1479.0	1479.0	1479.0	1479.0	1479.0	1479.0	1479.0
250 PSI/17.2 Bar (scfm & m^3/min)	1952.0	55.3	1952.0	55.3	1952.0	55.3	2440.0	69.1	1952.0	55.3	1952.0	55.3	1952.0	55.3	1952.0	55.3
250 PSI/17.2 Bar (bpm)	1952.0	1952.0	1952.0	1952.0	1952.0	1952.0	1952.0	1952.0	1952.0	1952.0	1952.0	1952.0	1952.0	1952.0	1952.0	1952.0

* Hole Opener

UTILITY MONO-HAMMER

UTILITY MONO-HAMMER

Single hammer technology outfitted with hammer shroud, shock sub, and side inlet swivel for drilling utility holes from 17.5" - 36" (444.5 mm - 914.4 mm).

UTILITY MONO-HAMMER								
	18 INCH (457 mm)		20 INCH (508 mm)		22 INCH (559 mm)		24 INCH (610 mm)	
Bit Model	QL 120		QL 120		QL 120		QL 120	
Hammer Model	CR 120		CR 120		CR 120		CR 120	
GENERAL SPECIFICATIONS	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
Weight (lbs / kgs)	3920	1778	4300	1950	4775	2166	5121	2324
Shock Sub	12	305	12	305	12	305	12	305
Male Hex X API Crossover	6.75	172	6.75	172	6.75	172	6.75	172
Stabilizer Shroud	16	406	18	457	20	508	22	559
Swivel	6.75	172	6.75	172	6.75	172	6.75	172
PRESSURE								
100 PSI/6.9 Bar (scfm & m^3/min)	800	22.6	800	22.6	800	22.6	800	22.6
150 PSI/10.3 Bar (scfm & m^3/min)	1240	35.1	1240	35.1	1240	35.1	1240	35.1
200 PSI/13.8 Bar (scfm & m^3/min)	1680	47.5	1680	47.5	1680	47.5	1680	47.5
250 PSI/17.2 Bar (scfm & m^3/min)	2100	59.4	2100	59.4	2100	59.4	2100	59.4

