



MINCON DTH HAMMERS

Mincon DTH hammers are designed around proven technology to perform at the top end of the performance scale.

Our hammers are excellent for all types of drilling applications including residential geothermal, production quarry drilling, seismic drilling and construction drilling.



KEY FEATURES AND BENEFITS

- Patented features maximize energy output and reduce service requirements.
- Fewer internal components minimize service requirements.
- Valveless, high frequency design ensures smooth operation.
- All critical internal components are heat treated under strict control to maximize tool longevity.



3-34" HAMMER SPECIFICATIONS

For more hammer models and additional information, please visit mincon.com

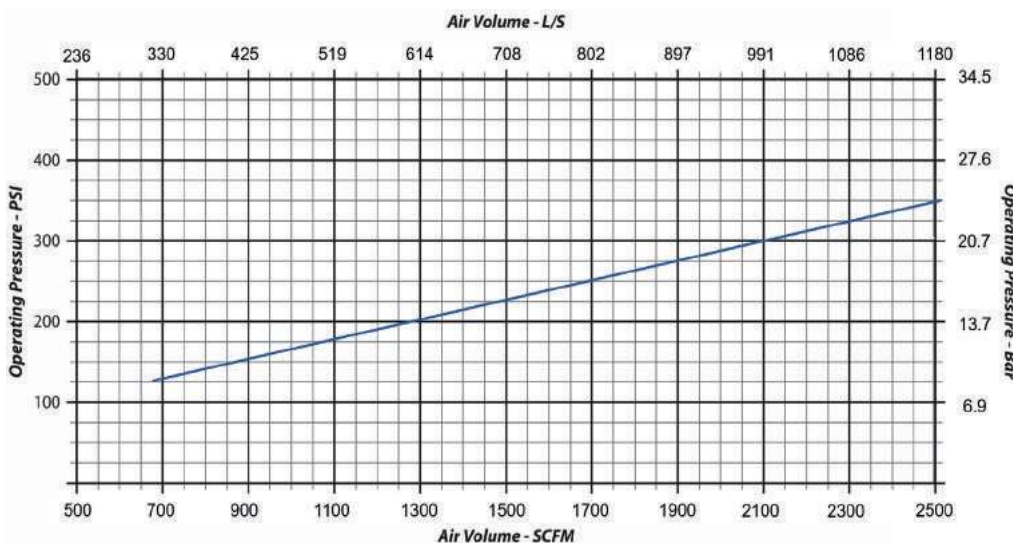
Range	Hammer product name	Shank	Hammer OD		Length		Piston weight		Weight		Std. Backhead
			mm	inch	mm	Inch	Kgs	Lbs	Kgs	Lbs	
3"	Mincon 3"	DHD3.5	77	3.05"	865	34"	4.1	9	22.3	49	2 3/8" A.P.I Reg Pin
	Mincon 3.5"	DHD3.5	85	3.35"	805	31.7"	3.9	8.7	24.5	54	2 3/8" A.P.I Reg Pin
4"	4HRTD	TD40	97	3.82"	956	37.6"	7.7	17	38.6	85	2 3/8" A.P.I Reg Pin
	4HR	DHD340	97	3.82"	956	37.6"	7.7	17	38.6	85	2 3/8" A.P.I Reg Pin
	MP40TD	TD40	101.5	4"	967	38.1"	8.3	18.3	41.0	90	2 3/8" A.P.I Reg Pin
5"	MP55	QL50	124	4.88"	993	39.1"	15	33.6	67.3	148	3 1/2" A.P.I Reg Pin
	5DHQL	QL50	124	4.88"	1033	40.7"	15	33.6	67.3	148	3 1/2" A.P.I Reg Pin
	5DH	DHD350	124	4.88"	1054	41.5"	15	33.6	67.3	148	3 1/2" A.P.I Reg Pin
6"	6DHSD	SD6	140	5.5"	1085	42.7"	20	44	95.3	210	3 1/2" A.P.I Reg Pin
	6DH360	DHD360	140	5.5"	1034	40.7"	20	44	95.3	210	3 1/2" A.P.I Reg Pin
	6DH	QL60	140	5.5"	1034	40.7"	20	44	95.3	210	3 1/2" A.P.I Reg Pin
	MP65	QL60	146	5.75"	1002	39.5"	21.6	47.6	91.8	202	3 1/2" A.P.I Reg Pin
8"	8DHSD	SD8	181	7.15"	1186	46.7"	39	86	173.2	381	4 1/2" A.P.I Reg Pin
	MP80	QL80	181	7.15"	1186	46.7"	39	86	173.2	381	4 1/2" A.P.I Reg Pin
	8DH	DHD380	181	7.15"	1186	46.7"	39	86	173.2	381	4 1/2" A.P.I Reg Pin
10"	MP100SD	SD10	219	8.62"	1359	53.50"	77.8	171.5	295	650	6 5/8" A.P.I Reg Pin
12"	MP120QL	QL120	273	10.75"	1454	57.24"	140	308.6	455	1003	6 5/8" A.P.I Reg Pin
	MP120N125	N125	273	10.75"	1452	57.17"	140	308.6	462	1019	6 5/8" A.P.I Reg Pin
	MP120SD	SD12	273	10.75"	1432	56.38"	140	308.6	470	1036	6 5/8" A.P.I Reg Pin
18"	MP180N180	N180	400	15.75"	1618	63.70"	280	617	1152	2540	8 5/8" A.P.I Reg Pin
	MP180QL200	QL200	400	15.75"	1582	62.28"	280	617	1170	2579	8 5/8" A.P.I Reg Pin
24"	MP240	N240	525	20.67"	1925	75.79"	550	1213	2450	5401	HEX275 Pin
34"	MP340	MF34	750	29.53"	2351	92.56"	1050	2315	5807	12802	HE370 Pin





MP120 SPECIFICATIONS

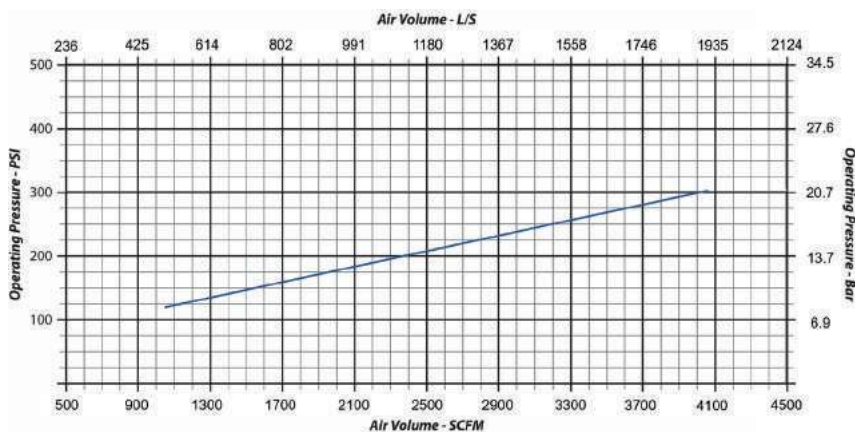
Technical specifications:	MP120QL		MP120N125		MP120SD	
Outside diameter	273 mm	10.75"	273	10.75"	273	10.75"
Length shoulder to shoulder	1454mm	57.24"	1452	57.17"	1432	56.38
Weight without bit	455	1003 lbs	462	1019 lbs	470	1036 lbs
Piston weight	140	308.6 lbs	140	308.6 lbs	140	308.6 lbs
Stroke	100	4"	100	4"	100	4"
Shank	QL120		N125		SD12	
Backhead	6 5/8" A.P.I Reg Pin					
Beats per minute	1286 1/ min @ 300psi					
Drill bit diameters:						
Minimum size	Overburden	406 mm		16 inch		
	Rock	304.8 mm		12 inch		
Maximum size	Overburden	508 mm		20 inch		
	Rock	457.2 mm		18 inch		
Air consumption:						





MP180 SPECIFICATIONS

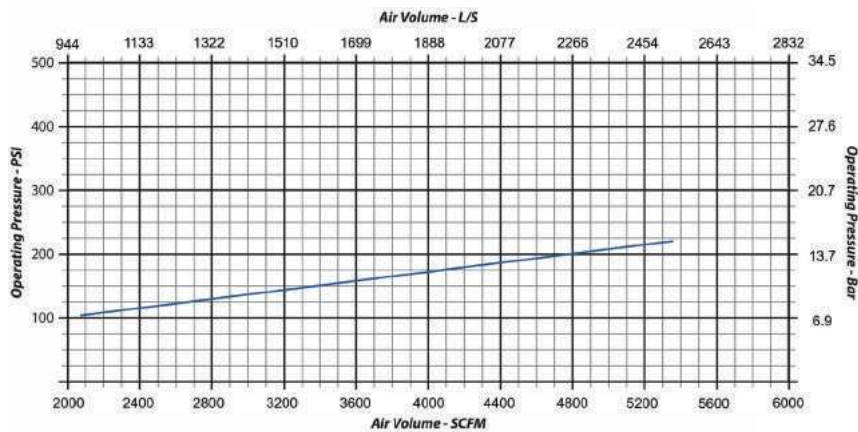
Technical specifications:	MP180N180		MP180QL200	
Outside diameter	400 mm	15.75"	400 mm	15.75"
Length shoulder to shoulder	1618 mm	63.70"	1582mm	62.28"
Weight without bit	1152 kg	2540 lbs	1170 kg	2579 lbs
Piston weight	280 kg	617 lbs	280 kg	617 lbs
Stroke	127 mm	5"	127 mm	5"
Shank	N180		QL200	
Backhead	8 5/8" A.P.I Reg Pin			
Beats per minute	1025 1/ min @ 250psi			
Drill bit diameters:				
Minimum size	Overburden	508 mm	20 inch	
	Rock	457 mm	18 inch	
Maximum size	Overburden	711 mm	28 inch	
	Rock	609.6 mm	24 inch	
Air consumption:				





MP240 SPECIFICATIONS

Technical specifications:			
Outside diameter	525 mm	20.67 inch	
Length shoulder to shoulder	1925 mm	75.79 inch	
Weight without bit	2450 kg	5401 lbs	
Piston weight	550 kg	1213 lbs	
Stroke	140 mm	5.5 inch	
Beats per minute	860 1/2 _{min} @ 200psi		
Connections:			
Backhead - Hexagonal (double pin)	HEX275 mm	10.83 inch	
Shank	N240		
Drill bit diameters:			
Minimum size	Overburden	711mm	28inch
	Rock	609.6mm	24 inch
Maximum size	Overburden	914.4mm	36 inch
	Rock	863.6mm	34 inch
Air consumption:			





MP340 SPECIFICATIONS

Technical specifications:			
Outside diameter	750 mm	29.53 inch	
Length shoulder to shoulder	2351 mm	92.56 inch	
Weight without bit	5807 kg	12802 lbs	
Piston weight	1050 kg	2315 lbs	
Stroke	150 mm	6 inch	
Beats per minute	580 $\frac{1}{min}$ @ 150psi		
Connections:			
Backhead - Hexagonal (double pin)	370 mm	14.57 inch	
Shank	MF34		
Drill bit diameters:			
Minimum size	Overburden	914,4 mm	36 inch
	Rock	850 mm	33.46 inch
Maximum size	Overburden	1524 mm	60 inch
	Rock	1220 mm	48 inch
Air consumption:			

