

TECHNICAL INFORMATION



		DM 05	DM 10	DM 15	DM 20	DM 30	DM 35 BHL	DM 36 BHL	DM 36	DM 45
Work Weight	Kg	75	100	135	250	310	400	410	450	550
	lb	168	220	303	551	684	882	904	990	1213
Impact Energy	Joule	250	350	400	450	690	900	900	900	1060
	ft.lb	175	250	450	332	509	665	665	665	780
Impact Frequency	bpm	650-1100	650-1150	650-1150	450-1100	480-960	520-1000	520-1000	520-1000	500-900
	Lt/min	14-30	20-35	30-45	30-70	40-80	50-100	50-100	50-100	50-100
Min & Max Oil Supply	gpm	4.0-7	5.0-10.0	8.0-13.0	7.9-18.5	10.6-21.1	13.2-24.6	13.2-24.6	13.2-16.4	13.2-26.4
	Bar	130	90	110	100	145	120	120	120	120
Operating Pressure	psi	1525	1350	1600	1450	2102	1740	1740	1740	1740
	mm	Ø40	Ø45	Ø53	Ø68	Ø75	Ø75	Ø75	Ø75	Ø85
Tool Diameter	Inch	1.60"	1.80"	Ø1.89	Ø2.10	Ø2.95	Ø2.95	Ø2.95	Ø2.95	Ø3.35
	Ton	0.7-1.5	1-3	2-4	2.5-6	3-6.5	3-8	3-8	3-8	4-10
Carrier Weight	1000lb	1.56-2.25	2.25-6.75	2.3-6.6	4.45-8.89	6.6-14.3	6.6-17.9	6.6-17.9	6.6-17.9	8.8-22.1



		DM 65	DM 85	DM 120	DM 150	DM 170	DM 210	DM250	DM275	DM 360	DM 500	DM 700
Work Weight	Kg	650	950	1200	1600	1870	2200	2520	2950	3750	4750	6900
	lb	1433	2095	2646	3528	4123	4851	5556	6505	8269	10474	15215
Impact Energy	Joule	1450	1760	1880	2800	3300	4500	5610	6000	8000	9800	13000
	ft.lb	1070	1298	1385	2063	2431	3320	4138	4427	5902	7230	9588
Impact Frequency	bpm	350-700	390-700	400-700	360-650	350-550	350-550	330-525	320-520	320-510	300-420	285-400
	Lt/min	50-100	60-120	70-130	70-130	120-180	160-230	180-250	170-300	200-300	250-340	300-400
Min & Max Oil Supply	gpm	15.8-31.7	18.5-34.4	18.5-34.4	26.4-47.6	31.7-47.6	42.3-60.8	47.6-66.0	44.9-79.2	52.79-79.2	66.0-89.8	79.2-105.6
	Bar	125	125	135	135	135	140	140	140	140	140	150
Operating Pressure	psi	1815	1815	2000	2000	2000	2035	2035	2035	2035	2035	2180
	mm	Ø95	Ø100	Ø110	Ø120	Ø130	Ø140	Ø150	Ø160	Ø170	Ø190	Ø210
Tool Diameter	Inch	Ø3.74	Ø3.93	Ø4.33	Ø4.72	Ø5.12	Ø5.51	Ø5.90	Ø6.30	Ø6.96	Ø7.48	Ø8.27
	Ton	7-13	9-15	14-20	18-26	22-29	25-32	29-40	33-50	40-70	45-70	60-100
Carrier Weight	1000lb	15.4-28.7	19.8-33	24.3-39.7	39.7-57.3	48.5-61.7	55.1-70.5	66.1-77.2	77-110	82.2-154.4	99.2-154.4	132.3-220.5



AUTHORISED DEALER



Hydraulic
Hammers



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Hydraulic
Hammers

> DEMCO™ Hydraulic Hammers



> DEMCO's wide range of hydraulic hammers are the result of many years experience in hydraulic hammer design and manufacturing along with working in the hardest rock and the most difficult excavation conditions.

> Based on unique technology & quality, the range of DEMCO hydraulic hammers offer the best tools for demolition, mining, quarrying and public works thanks to their unrivalled performance/weight ratio.

> Discover that DEMCO hydraulic hammers are also advantageous for the protection of your excavators due to their innovative mono block and rounded cell; noise reduction; single part cylinder and super shock absorber elements.

> DEMCO's hydraulic hammers are setting the standard for innovation and reliability, choosing the best quality raw materials to create a product of:

Extra Power, Maximum Performance & Reliability

making them leaders of hydraulic hammers – "the breaking power of the world"!

Shock absorbers
Absorbs mechanical forces and recoil energies, protecting excavator and hammer.

Auto lube hook up
Allows for auto lube systems, for proper greasing procedures and is optional equipment.

Housing
Fully encloses power cell for maximum component protection from work materials and debris.

Air connection
Optional air compressor hook up equipment allows for underwater applications.

Wear plates
Plastic material provides guidance for powercell movement and lowers noise output. Removal and replacement is simple and fast.

Rock claws
Allows operator to position boulders and work material for maximum production and is made of abrasion resistant steel for long service life.

Tools
Heat treated performance matched for optimum production results.

Bushings
All bushings are manufactured from the highest grade steel and are all replaceable.

Accumulator
Low maintenance, sealed design membrane assists piston in power stroke and dampens hydraulic pulsation.

Hydraulic Valves
All valves operate perpendicular to piston operation and are not subject to interruptions from hammer operation. The pressure control valve maintains fixed blow energy, providing all blows at full power. The check valve protects the excavator system from damaging pressure peaks.

Tie Rods
Robust design with heat torque tightening provides long service life.

Silencing
Sound absorbing elements inside housing lowers noise output for sound sensitive applications.



> VERSATILE OPERATION

> REDUCTION OF NOISE LEVEL

> SIMPLIFIED OPERATION & MAINTENANCE

> OPTIONAL EXTRAS (Auto Greasing, Under Water)

FEATURES

- > Hammer Models to suit 0.7 – 100 Tonne Excavators
- > High Impact Power & Control
- > Optimum Productivity
- > Economical Fuel Consumption of Excavators
- > High Power Energy Chamber with Diaphragm
- > Reinforced Vibration Dampening System
- > Worldwide Customer Support Network

TOOLS

- > Moil Point: for Multi-purpose Use
- > Chisel: Rock Breaking & Demolition Work
- > Blunt Tool: Rock Breaking & Reducing Oversizes