



>DEMCO™

**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.

Accumulator

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

Air connection

Optional air compressor hook up equipment allows for underwater applications.

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.

Wear plates

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

Tie Rods

Robust design with heat torque tightening provides long service life.

Rock claws

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

Silencing

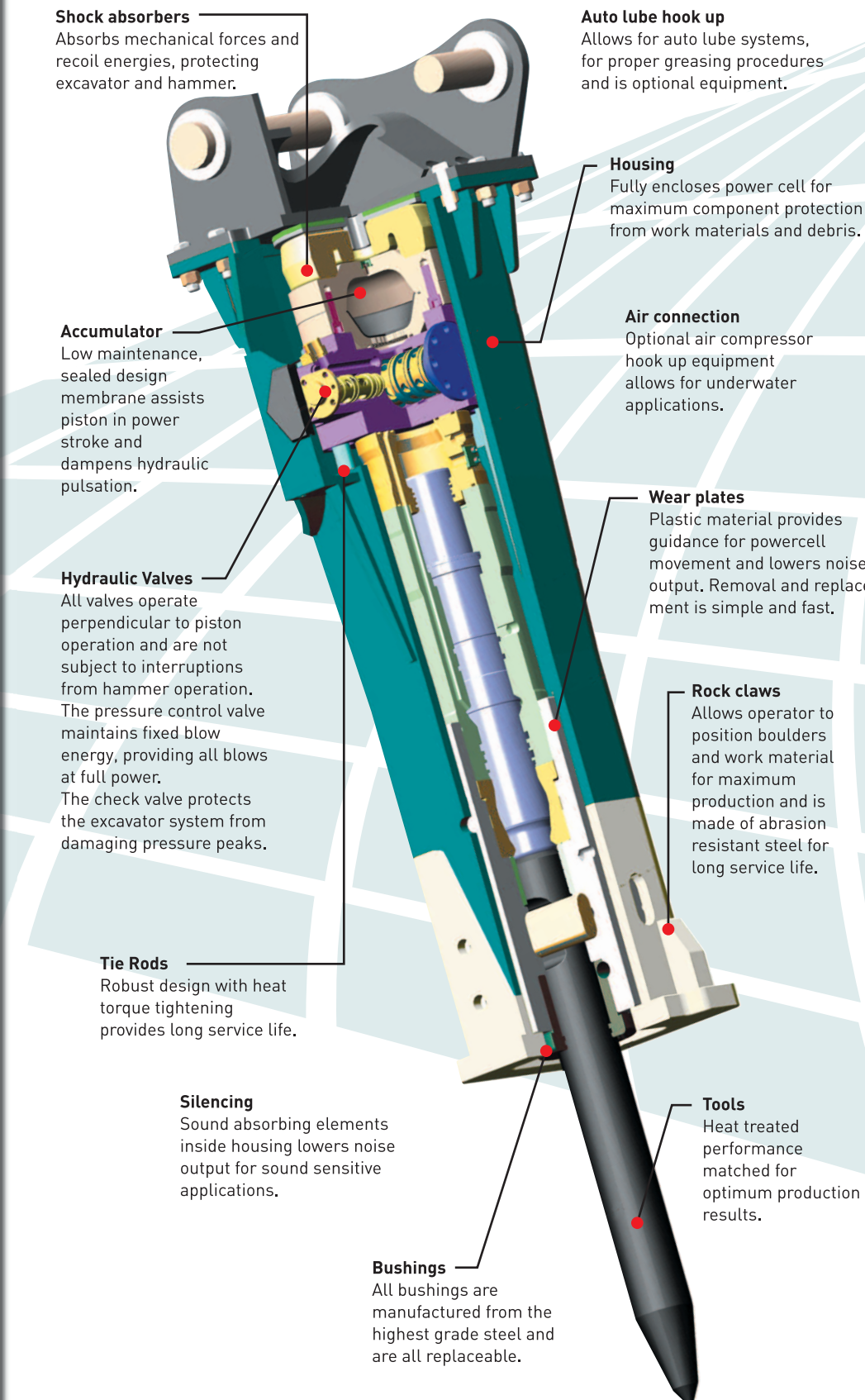
Sound absorbing elements inside housing lowers noise output for sound sensitive applications.

Tools

Heat treated performance matched for optimum production results.

Bushings

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





> **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



		DMB 10	DMB 15	DMB 20	DMB 30	DMB 35 BHL	DMB 36 BHL	DMB 36	DMB 40	DMB 45
Work Weight	KG	130	165	220	340	400	410	450	460	550
	lb	286	363	484	748	882	904	990	1012	1213
Impact Energy	Joule	190	230	450	840	900	900	900	980	1060
	ft.lb	140	170	330	620	665	665	665	723	780
Impact Frequency	bpm	1000-1500	600-1150	450-1100	390-1000	520-1000	520-1000	520-1000	450-1000	500-900
Min & Max Oil Supply	Lt/min	15-35	20-35	45-70	30-65	50-100	50-100	50-100	45-100	50-100
	gpm	4.0-9.2	5.3-9.2	11.9-18.5	7.9-17.1	13.2-24.6	13.2-24.6	13.2-16.4	11.9-26.4	13.2-26.4
Operating Pressure	Bar	90	110	100	145	120	120	120	120	120
	psi	1305	1600	1450	2102	1740	1740	1740	1740	1740
Tool Diameter	mm	48	50	Ø68	70	Ø75	Ø75	Ø75	80	Ø85
	Inch	1.89	1.96	2.68	2.75	Ø2.95	Ø2.95	Ø2.95	3.15	Ø3.35
Carrier Weight	Ton	1-3	1-3	2.5-6	3-8	3-8	3-8	3-8	4-10	4-10
	1000lb	2.25-6.75	2.25-6.75	5.5-13.2	6.6-17.6	6.6-17.9	6.6-17.9	6.6-17.9	8.8-22.1	8.8-22.1



		DMB 65	DMB 95	DMB 125	DMB 155	DMB 175	DMB 215	DMB 255	DMB 285	DMB 365	DMB 505	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
Min & Max Oil Supply	Lt/min	60-120	70-130	70-130	100-180	120-180	160-230	180-250	170-280	180-280	220-300	250-350
	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	44.9-73.9	47.5-73.9	58.1-79.2	66-92.4
Operating Pressure	Bar	125	125	135	135	135	140	140	140	140	140	150
	psi	1815	1815	2000	2000	2000	2035	2035	2035	2035	2035	2180
Tool Diameter	mm	Ø95	Ø100	115	125	135	145	Ø150	Ø160	175	Ø190	Ø210
	Inch	Ø3.74	Ø3.93	4.52	4.92	5.31	5.71	Ø5.90	Ø6.30	6.89	Ø7.48	Ø8.27
Carrier Weight	Ton	7-13	9-15	14-20	18-26	22-29	25-32	29-40	33-50	40-65	45-70	60-100
	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	82.2-143	99.2-154.4	132.3-220.5

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