

Unleash the Breaking Power of the World!



> DEMCO
ROCK BREAKERS

POWER, PERFORMANCE, & RELIABILITY

The DEMCO logo is displayed in a stylized, blocky font with a white outline, set against a dark teal background. The letters are white with a slight shadow effect.

HYDRAULIC HAMMERS

Welcome to DEMCO Rock Breakers, where innovation meets reliability. With decades of experience in hydraulic hammer design and manufacturing. DEMCO's hydraulic hammers are setting the standard for innovation and reliability, choosing the best quality raw materials to create a product with: Extra Power, Maximum Performance & Reliability making them leaders of hydraulic hammers.



SHOCK ABSORBERS

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

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 lightening provides long service life.

SILENCING

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

BUSHINGS

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

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

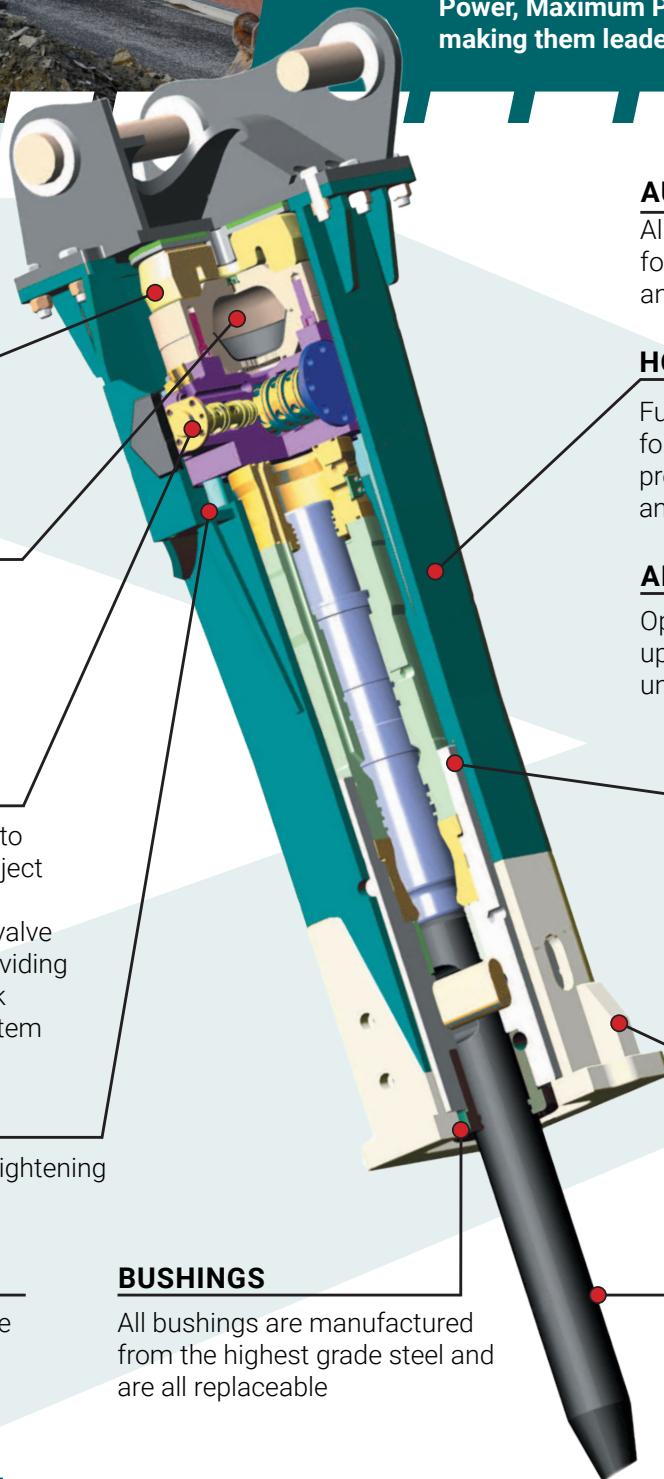
Plastic material provides guidance for powercell movement and lowers noise output. Removal and replacement is simple and fast

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

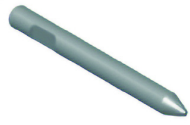
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FEATURES

- **Hammer Models:** Suitable for 0.7-100 Tonne Excavators
- **High Impact Power & Control:** Optimum productivity guaranteed
- **Economical Fuel Consumption:** Maximizing efficiency
- **Reinforced Vibration Dampening System:** Ensuring smooth operation
- **Worldwide Customer Support Network:** We're here whenever you need us



TOOL OPTIONS



Moil point tool

Suitable for breaking up concrete, or medium-hard non-stratified rock. Secondary demolition: average, hard or extremely hard blocks.



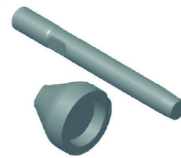
Chisel tool

Suitable for all earthworking or narrow-section excavation jobs on medium to hard stratified rock



Asphalt cutter/shovel tool

For cutting or breaking the road surface, breaking floors, walls, brick or tuff walls. Available in the in-line (asphalt cutter) and 90° transversal (shovel) versions according to the working direction.



Pile driver

Suitable for pilework or press-moulded supports for guardrails, etc.



Blunt tool

Suitable for breaking up blocks of any hardness, or to reduce the size of rubble

TECHNOLOGY & QUALITY

A focus of the design process has been to improve breaker performance whilst reducing power requirements from the excavator, resulting in lower fuel consumption than other brands. DEMCO impact energies are higher than other brands of breakers, utilise uniquely designed pistons, a special hydraulic suspension system to prevent blank firing and have integrated noise and vibration isolation due to the highly resilient wearing plates. It all adds up to higher production and a longer lifetime for exceptional value.



GAS TYPE HYDRAULIC BREAKERS

This type of hydraulic breaker generates impact energy from the carrier provided hydraulic pressure and a nitrogen gas pressure accumulator, working together at the top of the piston. Gas Type DEMCO Hydraulic Breakers provide effective power and performance at an economic investment. They can be operated at a higher back pressure than a hydraulic type breaker.



		DMB9	DMB11	DMB15	DMB21	DMB30	DMB40	DMB70G	DMB100G	DMB150G	DMB200G	DMB300G	DMB400G
WORKING WEIGHT	kg	95	115	155	225	350	450	850	1100	1200	1700	2200	2700
CARRIER WEIGHT	T	1-1.5	1.5-2.5	1.7-3.5	2.5-6	4.5-7	6-10	8-14	10-16	12-18	18-25	25-32	32-45
TOOL DIAMETER	mm	38	45	50	68	70	80	100	110	120	135	150	160
OIL FLOW RANGE	LPM	15-30	20-35	20-35	30-60	30-65	45-100	60-110	70-110	90-120	125-150	150-190	190-250
OPERATING PRESSURE	Bar	120-125	120-125	120-125	120-125	120-125	120-125	120-150	130-170	150-170	160-180	160-180	160-180
RELIEF PRESSURE	Bar	170	170	170	170	170	170	210	210	210	210	210	210
BACK PRESSURE	Bar	12	12	12	12	12	12	12	12	12	12	12	12
IMPACT FREQUENCY	Bpm	780-1440	1140-1365	600-1150	600-1140	390-1000	450-1000	450-800	450-700	400-900	400-800	350-700	300-600

FULL HYDRAULIC BREAKERS

A full hydraulic breaker generates impact energy entirely from the carrier provided hydraulic pressure. A fully sealed accumulator provides long service life and lower maintenance. Uniquely designed pistons, give higher power consistently on every impact and a special hydraulic suspension system provides blank fire protection. These units offer exceptional production over a long lifetime.



		DMB25	DMB36	DMB45	DMB65	DMB95	DMB125	DMB155	DMB175	DMB215	DMB255	DMB285	DMB365	DMB505	DMB705
WORKING WEIGHT	kg	330	450	490	750	950	1250	1580	1900	2250	2550	3000	3950	4650	7150
CARRIER WEIGHT	ton	4-7	6-9	7-11	8-14	10-16	16-22	18-26	22-29	26-32	32-40	32-45	45-55	50-65	65-100
TOOL DIAMETER	mm	70	75	85	95	100	115	125	135	145	150	160	175	190	210
OIL FLOW RANGE	LPM	30-60	50-100	50-100	60-110	70-120	80-130	100-150	120-180	160-210	190-240	210-260	220-270	230-300	250-350
OPERATING PRESSURE	Bar	120-125	120-125	120-125	125-130	125-130	135-140	135-140	135-140	140-145	140-145	140-145	145-150	150-155	155-160
RELIEF PRESSURE	Bar	180	180	180	190	190	200	200	200	200	210	210	210	210	220
BACK PRESSURE	Bar	10	10	10	10	10	10	10	10	10	10	10	10	8	8
IMPACT FREQUENCY	Bpm	440-890	490-990	440-880	360-670	360-630	460-760	360-550	360-550	370-490	390-540	380-480	370-450	330-440	250-350



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