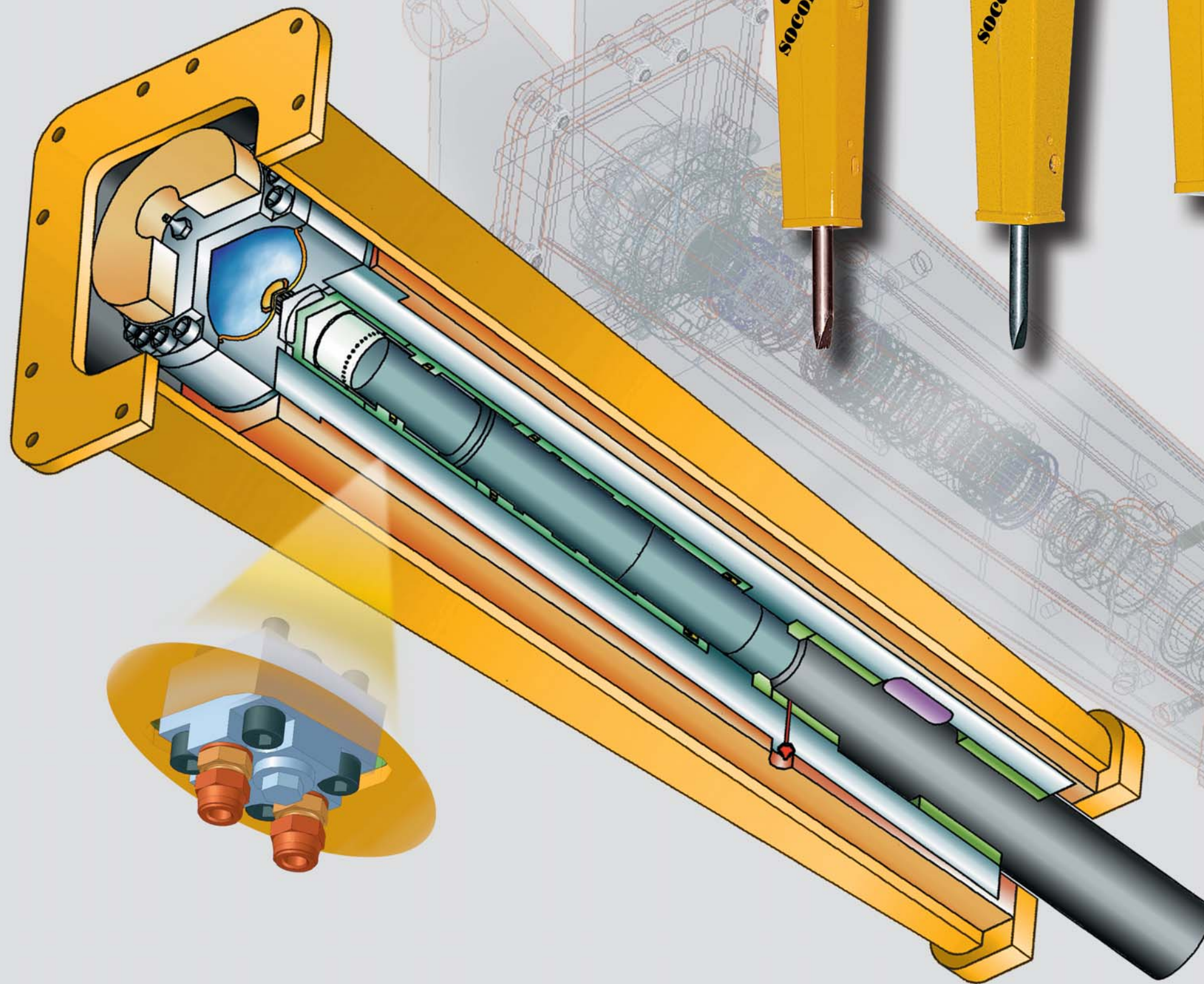


DMS SERIES

**SILENCED MONOBLOCK
DEMOLITION HAMMERS WITH
ENERGY RECOVERY**



TECHNICAL FEATURES

The new DMS hammers are built in a monoblock structure, eliminating the traditional tie-rod bolts.

The guide bushings for the tool are inserted from the bottom, and the piston and cylinder liners are inserted from the top.

The only one part which has to be assembled to the body of the hammer by using screws is the accumulator. The accumulator has a secondary function as a cap, sealing the top of the hammer.

The elimination of tie-rod bolts from the hammer also eliminates the most common cause of downtime, broken bolts. Moreover the serious consequences of using a hammer with an undetected broken bolt are eliminated.

Service operations are very easy and economical. By simply removing the accumulator, all bushings and the piston are immediately accessible.

SILENCED VERSION

The monoblock structure is vulcanised in a unique body with the external case by means of a polyurethane solution.

- Noise is reduced to a minimum.
- The excavator arm is protected from harmful microvibrations.

The unique stepped piston design delivers maximum energy to the chisel and minimum recoil to the hammer body.

The DMS hammers have an advanced modular hydraulic brake. When the tool is not in contact with the rock the oil supply is automatically recycled and pressure strokes are avoided.

A special valve stabilize the working pressure no matter what the oil flow is. In that way it keep the energy stroke constant.



Technical Features

Hammer type	Maximum frequency	Maximum oil flow	Maximum working pressure	Hammer weight in working condition	Tool diameter	Height of hammer with tool w/o plate	Minimum width	Max exhaust back pressure	To be mounted on excavators
	b/min	gal/min	psi	lbs	inches	inches	inches	psi	lbs
DMS 50	1200	6.6	1750	132	1.5	29.5	4.9	290/435	From 1500 to 2650
DMS 95	1200	9.3	1750	209	1.8	40.0	5.3	290/435	From 2650 to 4000
DMS 150	1200	12.0	1750	331	2.2	43.3	6.1	290/435	From 4000 to 6600
DMS 210	1100	16.0	1750	463	2.5	51.2	6.9	290/435	From 6100 to 8350
DMS 260	1000	21.2	1750	573	2.7	53.1	7.3	290/435	From 8350 to 12100
DMS 310	1000	26.6	1750	683	2.9	55.1	7.5	360	From 11000 to 15500
DMS 410	900	29.2	1750	904	3.1	63.0	8.3	360	From 14350 to 20900
DMS 510	900	32.3	1750	1124	3.3	69.6	10	360	From 17650 to 25350
DMS 740	900	34.6	1750	1631	3.7	72.5	10.2	360	From 20900 to 29750

Thanks to more than 30 years of constant work, investments in research and technological developments, Socomec hydraulic breakers are now the most innovative and reliable in their own field. The standing leadership in the Italian market and markets abroad are the best witness achievements on account of top in the worldwide production of quality control of the output to assembly and to delivery of the has enabled Socomec to take the just as many new and ambitious Socomec has been awarded the increasing acquisitions of new to technical and commercial which Socomec is today ranging hydraulic breakers . A severe processes, from manufacturing finished product to the customer, challenges of the new millennium as goals. Since more than four years, the ISO 9002 certification, which is now committed to turn into the prestigious VISION 2000 certification – a further guarantee of the high quality of its product.

Socomec: great technology, yet always and above all great attention over its customers.



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MEDIUM-LIGHT RANGE

