MTB®

BREAKERS & ATTACHMENTS

BREAKER MODEL

175 MR

MORE EFFICIENT

Piston Design
Our breakers are much more efficient with their optimized piston design and increased impact energy. Our heavy breakers are extremely efficient in marble quarries, surface and underground mines and demolishing of large reinforced concrete structures.

Membrane and Accumulator
With its highly resilient accumulator and membrane, our breakers impact with the same energy on every single stroke, thus providing maximum efficiency even when working on the hardest materials.

MORE DURABLE

C-Type Chassis
Its outer design is completely different and is supported with wearing-resistant Hardox® plates. C-type housing provides maximum durability even in the toughest conditions.

Wearing Plates
Our breakers have longer lifetimes thanks to their highly resilient tall type wearing plates which were specially designed for toughest operating conditions.

Dual Retainers
Dual retainer design makes sure that the tool impacts with more balance.

MORE RELIABLE

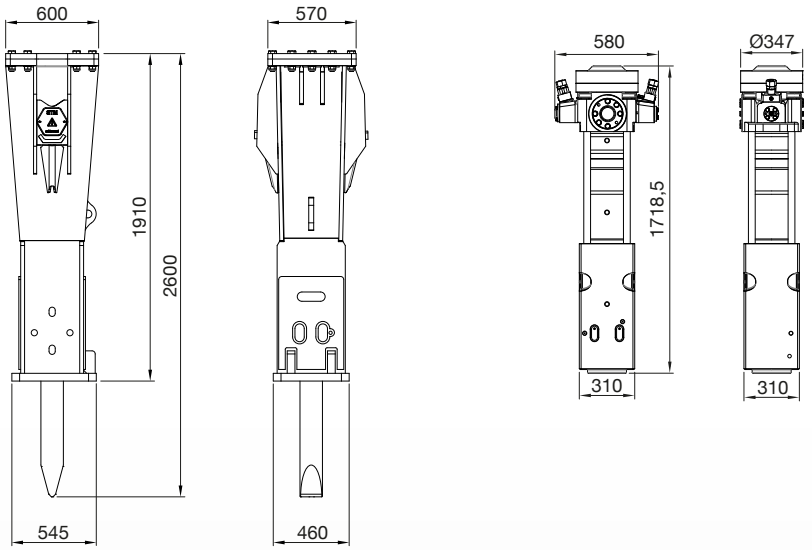
Minimum Vibration
Minimum vibration and maximum performance with our excellent impact absorbant vibration buffers and polyurethane-covered tie-rods.

Hydraulic Cushioning
If the breaker blank-fires during operation, thanks to our hydraulic cushioning feature the piston won't hit the cylinder, therefore prolonging the lifetimes of the components.

TECHNICAL INFORMATION

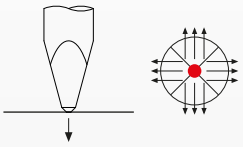
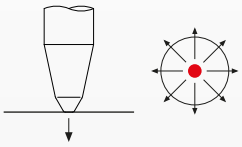
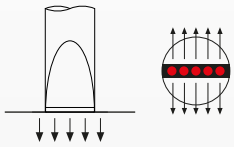
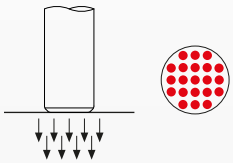
175 MR

Operating weight (a) kg	1980
Oil Flow l/min	120~180
Impact Rate (b) bpm	360~550
Operating Pressure (c) bar	135~140
Input power (d) kW	27~42
Relief Pressure bar	200
Back Pressure Max. bar	8
Tool Diameter mm	135
Noise Level (e) LWA (dB)	129
Carrier Weight (f) t	22~29

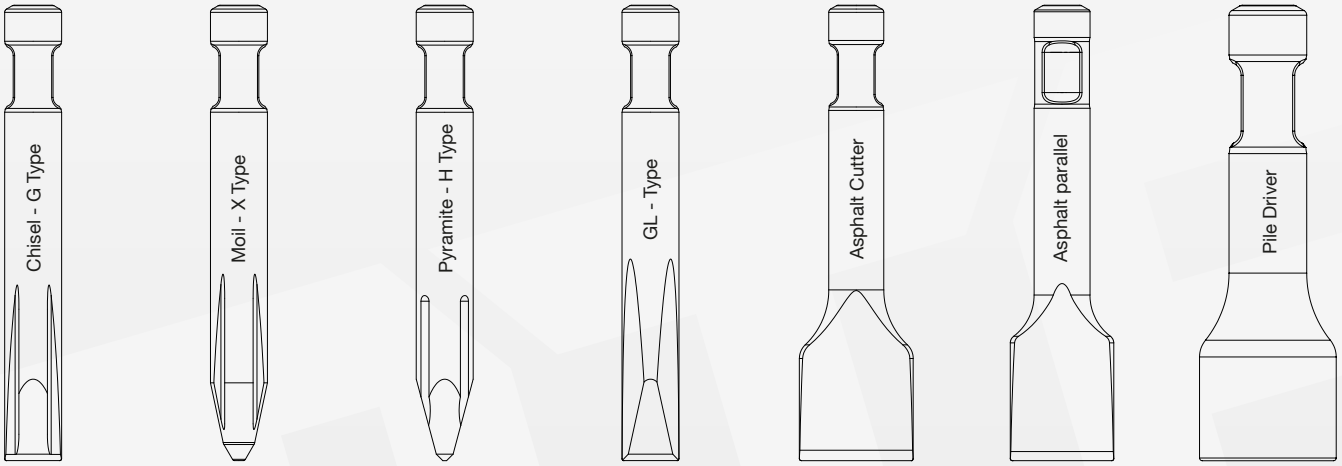


(a) It includes the approximate weight of the breaker, bracket, standard tool and hose weights.
(b) Actual impact frequency depends on the oil flow, oil viscosity, temperature and the material to be broken.
(c) Actual pressure depends on the oil flow, oil viscosity, temperature, material to be broken and the return pressure.
(d) Input power directly effects fuel consumption. Low input power (kW) requirement means low fuel consumption.
(e) Guaranteed sound power testing results according to directive 2000/14/EC (Guaranteed dB(A)=Measured Value +3 dB).
(f) If the carrier machine is out of the optimum range, ask the carrier machine manufacturer for allowed attachment weight.

TOOL PROPERTIES

	Pyramid	Moil	Chisel	Blunt
Operating Principle				
Key Properties	○ Breaking in four directions ○ General demolition	○ Breaking in all directions ○ Suitable for general use	○ Breaking in two directions ○ Suitable for general purpose by demolition	○ Good energy transfer ○ Demolition – Impact breaking

SPECIAL TOOLS



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