RTEX REWRITES THE PROFITABILITY RULEBOOK

Reducing energy consumption by 50 % whilst being 25 % lighter paired with great ergonomics.

Atlas Copco

INDUSTRIE PREIS 2016
BEST OF

RTEX IS BREAKING 2.0

We have used scientific methods to improve efficiency and ergonomics in breaking equipment for 60 years. The RTEX is the nexus of our efforts.

First of all, the RTEX is 25% lighter, yet it has more breaking power. Secondly, it uses 50% less air than a conventional breaker. And thirdly, RTEX has stiff handles with vibration values comparable to machines with flexible anti-vibration handles. These advantages mean you can save big chunks of both money and time.

Thanks to its unique piston design, the RTEX doubles the interaction time compared to ordinary breakers. That means you can use an RTEX breaker and still match the breaking power of a much heavier breaker. The efficient stroke mechanism radically lowers energy consumption. A comparable TEX uses 34 litres of air per second.

A TEX 220 uses 29 litres. The RTEX only use 18 litres per second! That saves you money on fuel by allowing you to downsize on the compressor or run several breakers on the existing equipment.

A WINNER ON SITE

RTEX saves money, time and will make your job easier. Here's how your RTEX benefits you in everyday work.

PERFORMANCE - *RTEX PAYS FOR ITSELF*

A standard compressor for this weight class normally run one breaker. With the RTEX you can run two breakers on a smaller compressor. That means your RTEX can practically pay for itself.

BACKSAVER - LOW ON KG, HIGH ON PRODUCTIVITY

Now you can get the same job done using a 25 kg RTEX as with a 33 kg heavy breaker. That means less to transport, less to carry and a healthier back.

ON TARGET - *WITH MINIMUM VIBRATION*

Stiff handles give you full control over the machine. And thanks to an efficient stroke mechanism with a Constant Pressure Chamber, you will still experience very low vibration. Air cushions protect both you and the machine during extreme use.

MAINTENANCE - *MORE UPTIME*

Stiff handles mean less wear and fewer parts to replace. For you that means fewer spare parts to stock and more productivity.

THIS IS HOW OUR MOST ADVANCED BREAKER WORKS

The RTEX challenges conventions: A new piston design doubles interaction time. Vibrations are reduced at source and no additional anti-vibration systems are needed. Fuel savings are significant. These are the secrets.

Precision breaking

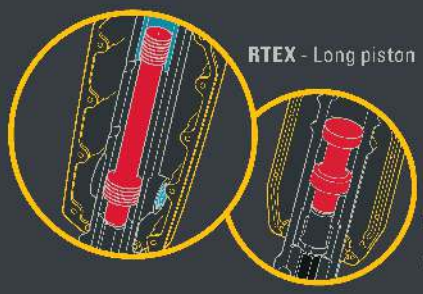
The improved SOFSTART™ system helps you slowly release the energy of the breaker as it's needed. It gives you perfect control when making crucial first cuts.

Double up!

RTEX is so clever it can cut your air consumption by half. Get a smaller compressor or run two on one. Either way you save money.

Piston design and interaction time

The long piston design gives more interaction time than a shorter, conventional piston. And with more interaction time for each blow, the power produced with the RTEX is more effective for breaking concrete.

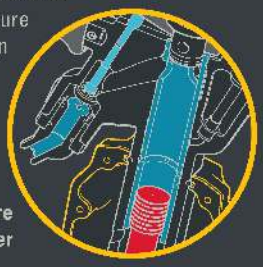


RTEX - Long piston

Atlas Copco TEX P60
Short piston

Less vibration at the source

The counter force when the piston moves downwards is constant due to the Constant Pressure Chamber. This minimises the vibration the operator is exposed to. In an ordinary breaker the pressure above and below the piston is constantly shifting in both places. This adds to machine vibrations.



Constant Pressure Chamber

Air cushions protect you

Air cushions, above and below the piston, protect both you and the RTEX during operation. As the piston reaches its end position air cushions are gradually activated.

RHEX THE POWER CHISEL

LESS WEIGHT AND VIBRATION

The RHEX-chisel is specially designed for the RTEX. It maximises the power from the piston to the ground and it's also lighter than a conventional chisel, which makes handling easier. The concave design facilitates transport of broken material in order to increase effectiveness, since broken material acts as a dampener. The design also reduces the risk of jamming.

RTEX THE HARD FACTS

Pneumatic breaker		RTEX	RTEX
Weight	kg	25	25
Length	mm	780 / 685 (notched chisel)	780
Air consumption	l/s	17,5	18
Impact rate	blows/min	845	870
Vibration level 3 axes (ISO 28927-10) [1]	m/s^2	5	4.8
Vibration level 3 axes (spreads) [1]	m/s^2	1.0	1.0
Sound power level guaranteed (2000/14/EC) [1]	Lw, dB(A)	107	107
Measured power level guaranteed (2000/14/EC) [1]	Lw, dB(A)	101	101
Sound pressure level (ISO 11203) [1]	Lp, r=1m	90	90
Pressure max	bar	7	7
Shank size: Hex	mm	28x152 / 28x160 / 28 notch	32x152 / 32x160
Harmonised standard applied		EN ISO 11148-4:2012	EN ISO 11148-4:2012
Part number	mm	8461 0125 20	8461 0125 30

1) Important: Full details of measurement are available in the Safety and Operating Instruction of the product (part no 9800 1724 71). It can be found on www.acprintshop.com

Download a QR reader and scan the codes to watch the videos.

RTEX breaker comparison

Atlas Copco RTEX

COMMITTED TO SUSTAINABLE PRODUCTIVITY

We stand by our responsibilities towards our customers, towards the environment and the people around us. We make performance stand the test of time. This is what we call – Sustainaible Productivity.

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