

exact

Pipe Cutting System



Superior pipe cutting

The Original

Pipe Cutting System
made by Exact Tools

Designed in Finland

Exact PipeCut 170: Pipe saw for \varnothing 15 mm–170 mm pipes.

Exact PipeCut 170E: Pipe saw for \varnothing 15 mm–170 mm pipes.

Exact PipeCut 200: Pipe saw for \varnothing 15 mm–200 mm pipes.

Exact PipeCut 360: Pipe saw for \varnothing 75 mm–360 mm pipes.

Exact pipe saws are suitable for all types of pipe material.

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Pipe Cutting System

The fastest, easiest, safest way to cut pipes

Pipes made of steel, cast iron and other materials are usually cut with dangerous, imprecise angle grinders or heavy and unwieldy pipe cutting machines. Slow, labour-intensive manual pipe cutters are also commonly used.

The innovative new Exact Pipecutting System essentially resolves all the problems associated with pipe cutting.

A finished surface ready for installation

Exact PipeCut attaches to a pipe firmly. After attachment, the blade is always in the correct position automatically and does not need to be guided. The blade chips through the pipe rather than grinding it. This creates burr-free cut surfaces that are ready for jointing. Also, PipeCut does not generate dust or dangerous sparking.

Superior work comfort

The entire weight of Exact PipeCut rests on the pipe being cut, so using it is easy and safe, even in tight spaces. Only about a metre of working room is required. Heavy pipes need not be lifted onto a work table, but can be cut at floor level. During operation, the saw is firmly attached to the pipe and cannot work itself loose from the operator's grasp. Nor does it need to be supported or guided. Cutting small-diameter pipes to size is effortless and quick on a work table, too.

No fire hazard or collateral damage

The chips produced by an Exact PipeCut saw cool quickly and fall in the immediate vicinity of the cutting site without causing damage, even to sensitive surfaces. Minimal protection of the surrounding area is therefore required. The ease of use also improves work safety; no special skills or long-term training is needed to operate Exact PipeCut smoothly.

Versatile, handy and quick

Exact PipeCut pipe saws can cut a very wide range of sizes. Model 170 can be used to cut pipes with an outside diameter of 15–170 mm. Model 170E has the same cutting range, but is more powerful, and the rotational speed of the blade can be adjusted according to the material being sawed. Model 200 can be used for all pipes with an outside diameter of 15–200 mm, and model 360U for all pipes with an outside diameter of 75–360 mm. Exact PipeCut saws are suitable for cutting all types of pipe materials. The Exact Pipecutting System is the fastest system on the market; for example, it takes about 35 seconds to cut a DN 100 cast iron pipe with a PipeCut 170 using the Diamond blade. Switching blades on Exact PipeCut saws is simple and quick.



Exact PipeCut 170 and 170E technical specifications:	
Voltage	230/50 Hz
Power input	170:1010W, 170E:1200 W
Unloaded speed	170: 4000, 170E:1600-3500 r/min
Periodic operation	S3 25 %
Blade diameter	140 mm
Arbor hole	62 mm
Weight	5,7 kg
Cutting range	15 mm – 170 mm
Maximum thickness	Steel: 170, 6mm ja 170E, 8 mm Plastics: 14 mm



Exact PipeCut 200 technical specifications:	
Voltage	230/50 Hz
Power input	1100 W
Spindle speed	4000 RPM
Periodic operation	S3 25%
Blade diameter	140 mm
Arbor hole	62 mm
Weight	8,9 kg
Cutting range	15 mm–200 mm
Maximum thickness	Steel: 8 mm Plastics: 12 mm



Exact PipeCut 360 technical specifications:	
Voltage	230/50 Hz
Power input	1400 W
Spindle speed	4000 RPM
Periodic operation	S3 25%
Blade diameter	140 mm
Arbor hole	62 mm
Weight	14,3 kg
Cutting range	75 mm–360 mm
Maximum thickness	Steel: 8 mm Plastics: 25 mm

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Exact PipeCut 170 and 170E Systems include:
Exact PipeCut System 170 carry-on case
Exact PipeCut 170 or 170E pipe saw
TCT blade 140 x 62/Z 46
Pipe supports for 170 (4)
Allen key (2) (5 mm and 2 mm)
User manual



Exact PipeCut 200 System includes:
Exact PipeCut System carry-on case
Exact PipeCut 200 pipe saw
TCT blade 140 x 62/Z 46
Pipe supports for 200 (4)
Allen key (2) (5 mm and 2 mm)
User manual



Exact PipeCut 360 System includes:
Exact PipeCut 360 carry-on case
Exact PipeCut 360 pipe saw
TCTI blade 140 x 62/Z 46
Sawing support (1) and pipe supports (2) for 360
Allen key (2) (5 mm and 2 mm)
User manual

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Pipe Cutting System



Exact PipeCut 360:

For \varnothing 75 mm - 360 mm pipes.

Exact PipeCut 200:

For \varnothing 15 mm - 200 mm pipes.

Exact PipeCut 170E:

For \varnothing 15 mm - 170 mm pipes.

Blades

Exact TCT blade, 140 x 62 mm:

(Also available in 155 x 62 mm for model 360)

Blade with hard metal particles for general use. Suitable for cutting steel, copper, aluminium and plastic.

Exact CERMET blade, 140 x 62 mm: Blade with ceramic particles for heavy duty applications, especially for cutting stainless and acid proof steel.

Exact DIAMOND blade, 140 x 62 mm: Specialized, durable diamond blade for cutting cast iron pipes.



Pipes

Exact PipeCut saws can be used to cut all types of pipe material, such as steel, copper, aluminium, cast iron, stainless steel, acid-resistant steel, multi-layer materials, and all plastics.

Exact PipeCut models 170 and 170E can saw through pipes with an outer diameter of 15–200 mm. The maximum pipe wall thickness they can penetrate is 6 mm or 8 mm for steel and 14 mm for plastics.

Exact PipeCut model 200 can saw through pipes with an outer diameter of 15–200 mm. The maximum pipe wall thickness it can penetrate is 8 mm for steel and 12 mm for plastics.

Exact PipeCut model 360U can saw through pipes with an outer diameter of 75–360 mm. The maximum pipe wall thickness it can penetrate is 8 mm for steel and up to 25 mm for plastics when using a 155 mm blade.



WELDING EQUIPMENT

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