

# PROFESSIONAL PIPE CUTTING TOOLS FOR DEMANDING CONDITIONS

## UNIQUE EXACT METHOD FOR CUTTING PIPES

The Exact pipe cutting system is designed and made for professional use. All pipe cutters are light-weight and easy to carry and operate on-site. You can use the Exact pipe saws to cut steel, plastic, copper, aluminium, cast-iron, stainless steel and multi-layer pipes. In our product range we also have special pipe saws for cutting ventilation pipes and for cutting and bevelling plastic pipes in one process. Our pipe cutting systems have been used for over 10 years and our patented technology has been used globally by many famous world-leading brands. You have everything you need in one handy shoulder bag.

# PERFECT CUT ENDS ARE READY TO WELD OR JOIN

When welding pipes it is most important to have straight and clean cut ends. With the Exact Pipe cutting system the pipe ends fulfil these needs. Pipes are immediately ready to be welded or joined together by other means. Exact saws are incredibly fast. It takes less than 20 seconds to cut Ø170 mm with 5 mm wall. Exact method is also fire safe, energy saving and safe for the user and the working environment. The Exact method has a huge cutting range and one person can easily handle also large pipes by themself. Join the satisfied group of Exact users.



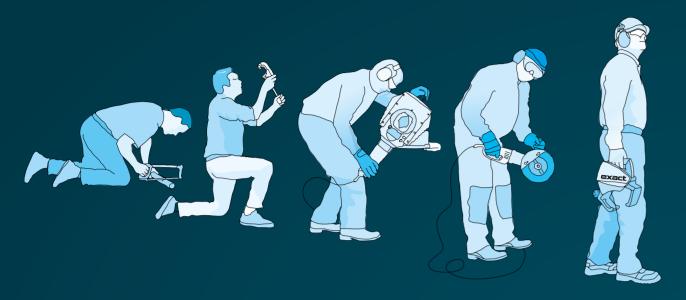


PipeCut V1000 | PipeCut P400 | PipeCut 170 | PipeCut 170E | PipeCut 220E | PipeCut 280E | PipeCut 360E

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# Effective, safe and easy to use

- bringing pipe cutting and finishing into the 21st Century

# **EXACT PIPE CUTTING SYSTEM:** USER FRIENDLY INNOVATION

In 2002 Exact Tools introduced an innovative system for cutting and finishing metal, plastic and ventilation pipes. The Exact pipe cutting system is revolutionising the efficiency of pipe cutting whilst at the same time increasing safety and working comfort, raising the bar for modern construction standards.

## RIGHT FIRST TIME AND READY FOR USE

With the Exact pipe cutting system, pipe cutting is improved beyond comparison. The Exact pipe cutters complete the work in a fraction of the time taken using alternative methods. In addition, the quality of the finished cut is so clean and straight that normally no extra shaping or rework is required. The pipe cutters are light and easy to move, so work can be carried out wherever it is needed.

# SAFETY BENEFITS ALSO ENHANCE PERFORMANCE AND PRODUCTIVITY

When cutting metal pipes the Exact pipe cutters create virtually no sparks. As the cutting process is a cold cut, the cutting edge/surface does not heat up, avoiding as an example in the case of cast iron pipes the possibility of damage of the pipe or inside coating. The method is much safer for workers. It also means that the pipe can be cut at the point of installation without fear of fire hazards or of damage to other building materials. equipment - major causes of physical injuries over the years.



# LIGHT. FAST. EASY - PROVIDING WORKING COMFORT THAT LASTS A LIFETIME

When using the Exact pipe cutting system no longer will you have to move heavy tools or pipes into all different positions. The pipe cutters require only a gentle, stable rotation. The light and comfortable system eliminates any risks to health that come from the movement of heavy tools or difficult to use

# J Once you've tried Exact, there is no turning back

- Arttu Starkki, plumber

#### INVEST IN COMFORT: INVEST IN YOUR HEALTH

Before the introduction of the Exact pipe cutting system there had been no innovation in the practice of cutting pipes for decades. Often workers had to use an angle grinder that is not only inaccurate but also presents a fire safety hazard.

### SUPERIOR SPEED

In normal, working environments on location the speed of the Exact pipe cutting system is revolutionary when compared to earlier pipe cutting methods.

When the cutting has been finished eg. with an angle grinder, very often the pipe is still not ready to be welded or connected but a cumbersome and time consuming process of grinding the pipe must be performed. With certain Exact pipe cutting models it is possible to cut or bevel or cut and bevel at the same time, leaving a cutting surface that is straight, clean and ready to be connected. All models produce a clean cut surface.

#### HOW DO YOU WANT TO WORK?

It's a simple choice. Pipe cutting and finishing can be quick, safe and comfortable. Alternatively it can be slow, heavy and, in the long run, detrimental to your health. Exact Tools has given everybody the choice - so don't suffer in silence. The Exact pipe cutting system offers innovative tools for the cutting and finishing of metal, plastic and ventilation pipes. The common characteristics of all Exact tools are their quick operation, their lightweight and their sophisticated comfort for users.

Exact Tools Pipe saw is able to cut 10 clean pipe cuts at the same time an angle grinder produces one rough cut.













# EVERYTHING YOU NEED IN ONE SHOULDER BAG

The PipeCut system is supplied complete with:

- 1. PipeCut shoulder bag
- 2. Exact PipeCut pipe saw
- 3. Pipe Supports x 4 (not included with the V1000)
- 4. Operating instructions manual
- 5. Allen keys 5 mm and 2 mm fitted to the machine
- 6. TCT blade fitted on the machine
- 7. DVD-video disc containing instructions and demonstrations

#### Battery operated pipe saws also include:

2 x 18 V 4.0 Ah Li-ion batteries & charger













# PipeCut 170

I Voltage/Power/	Current 220–240 V   1010 W   4.7 A
No-Load speed	4000 r/min
Blade diameter	140 mm
Mounting bore	62 mm



has a wide cutting range even it weighs only 5.7 kg. PipeCut 170 can be used for cutting both metal and plastic pipes. It is very comfortable and light to use and it cuts the pipes extremely fast.



BLADES/DISCS FOR PipeCut 170 - see more on page 18

#### PRICE INCLUDES:

PipeCut 170 pipe saw, TCT 140 blade, Shoulder bag, Pipe support x 4, Instructions, Allen keys 5 mm & 2 mm, DVD-video.

Pipe Cutting System





# PipeCut 170E

I Voltage/Power/Current 220-240 V | 1200 W | 5.6 A 1600 -3500 r/min No-Load speed 140 mm Blade diameter **Mounting bore Speed preselection** 

Powerful, lightweight and handy PipeCut 170E can be used for cutting both metal and plastic pipes. Because of its adjustable speed and steady torque feature it is ideal for cutting stainless steel and cast iron pipes. It offers hi end performance for pipe fabrication professionals.



BLADES/DISCS FOR PipeCut 170E - see more on page 18

#### PRICE INCLUDES:

PipeCut 170E pipe saw, TCT 140 blade, Shoulder bag, Pipe support x 4, Instructions, Allen keys 5 mm & 2 mm, DVD-video.



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# PipeCut 220E

I Voltage/Power/Cu	ırrent	220 -240 V   1200 W   5.6 A				
II Voltage/Power/Co	urrent	110-120 V   1010 W   9.2 A				
No-Load speed	1600 – 3500 r/min					
Blade diameter	<b>140</b> m	m				
Mounting bore	62 mn	1				
Mounting bore Speed preselection	62 mn	1				

Power, plus a wide cutting capacity with PipeCut 220E
It can be used for cutting both metal and plastic pipes; the machine has adjustable motor speed and constant torque. Because of its robust design it is ideal for use in both the workshop or on site for a multitude of different pipe applications.



BLADES/DISCS FOR PipeCut 220E - see more on page 18

#### PRICE INCLUDES:

PipeCut 220E pipe saw, TCT 140 blade, Shoulder bag, Pipe support x 4, Instructions, Allen keys 5 mm & 2 mm, DVD-video.

Pipe Cutting System





BLADES/DISCS FOR PipeCut 280 - see more on page 18

# PipeCut 280E

I Voltage/Power/Current 220 - 240 V | 1750 W | 8.0 A No-Load speed 1 = 2900 r/min 2 = 3900 r/min 165 mm 62 mm **Mounting bore** 

**Speed preselection** 

Most effective pipe cutting with the powerful PipeCut 280E
It is ideal for cutting metal pipes because of it's two speed selection, automatic fuse and torque control. It works well even with the hardest die cast iron pipes.

It is also suitable for cutting plastic pipes because it can cut very thick pipe walls and it can be attached to a vacuum cleaner when cutting plastic pipe material.

#### PRICE INCLUDES:

PipeCut 280E pipesaw, TCT 165 blade, Shoulder bag, Pipe support x 4, Instructions, Allen keys 5 mm & 2 mm, DVD-video.

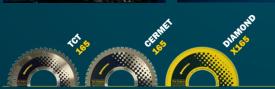
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Pipe Cutting System









BLADES/DISCS FOR PipeCut 360E - see more on page 18

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# PipeCut 360E

I Voltage/Power/	Current	220 -240 V   1750 W   8.0 A
II Voltage/Power/	Current	110-120 V   1700 W   15.0 A
No-Load speed	1 = 29	00 r/min
	2 = 39	00 r/min
Blade diameter	165 m	m
Mounting bore	62 mn	1

# The largest universal pipe saw in the Exact range

**Speed preselection** 

Features include two-stage motor speed control, constant torque, soft start and automatic overload protection. PipeCut 360E cuts easily, even when cutting the toughest of cast iron pipes. When cutting plastic pipes it can be attached to a vacuum cleaner for collection of the plastic chips at source during operation. It has a robust design and construction to withstand even the most demanding of conditions.

#### **PRICE INCLUDES:**

PipeCut 360E pipe saw, TCT 165 blade, Shoulder bag, Pipe Supports 2 single 1 double, Instructions, Allen keys 5 mm & 2 mm, DVD-video.

Pipe Cutting System







# **PipeCut P400**

I Voltage/Power/	Current 220 – 240 V   1010 W   4.7
II Voltage/Power/	Current 110 - 120 V   950 W   8.4
No-Load speed	4000 r/min
Blade diameter	148   150 mm
Mounting bore	62 mm
Automotic fuce	

Cut and bevel plastic pipes in one process Unique method for plastic pipe installations. You just need to cut around a pipe and you get nice 15 degrees bevel at the same time. You can use the PipeCut P400 saw also only for cutting or for just bevelling plastic pipes.

#### **PRICE INCLUDES:**

PipeCut P400 pipe saw, TCT P150 blade, Cut & bevel blade, Pipe Supports 2 single 1 double,, Shoulder bag, Instructions, Allen key 5 mm, DVD-video.

BLADES/DISCS FOR PipeCut P400 - see more on page 18













# PipeCut V1000

I Voltage/Power/Current 220-240 V | 1010 W | 4.7 A 4000 r/min No-Load speed 155 mm Blade diameter **Mounting bore Automatic fuse** 

New era for spiral duct cutting

Exact Pipe Cut V1000 offers ease of use and a huge size range for cutting spiral ducts. The cut ends are straight and ready to be connected. As an optional extra we have special pipe supports for V1000 that can hold spiral ducts from 75 mm to



PipeCut V1000 pipe saw, Cermet V155 blade, Shoulder bag, Instructions, Allen keys 5 mm & 2 mm, DVD-video. OPTIONAL EXTRA: Pipe supports x 3

BLADE FOR PipeCut V1000 - see more on page 18





# **PipeCut+Bevel 170E**

I Voltage/Power/Current 220-240 V | 1200 W | 5.6 A 1600 - 3500 r/min 140 mm **Mounting bore Speed preselection** 

Cut and bevel cast iron pipes
PipeCut+Bevel170E does something that a portable power tool has never done before: Cuts and bevels cast iron pipes in one process due to the cleverly designed diamond disc, you can adjust it to make correct bevel to all commonly used pipe dimensions. When you need to connect pipes with socket joints the PipeCut+Bevel 170E saves time and money and prevents any leaks in the connected pipes. It is suitable also for PVC and other plastic pipes.

A battery version PipeCut+Bevel 170 Battery is also available for plastic pipe materials.

PipeCut+Bevel 170E pipe saw, Diamond Cut+Bevel disc, Shoulder bag, Pipe support x 4, Instructions, Allen kevs 5 mm & 2 mm. DVD-video.

DISC FOR PipeCut+Bevel 170E - see more on page 18

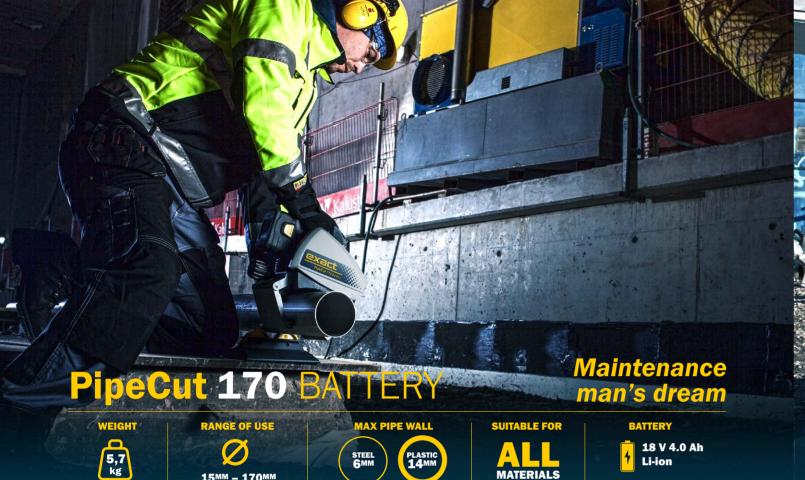








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Work on the PipeCut P400 BATTERY SUITABLE FOR BATTERY

edge of the ditch

100MM - 400MM

18 V 4.0 Ah



18 V BATTERY OPERATED MODEL

15MM - 170MM







# PipeCut 170 BATTERY

Battery	18 V   4.0 Ah   Li-ion
Charger voltage	100 -240 V   50 - 60 Hz
No-Load speed	3500 r/min
Blade diameter	140 mm
Mounting bore	62 mm

## The maintenance man's dream has come true

Lightweight and handy PipeCut 170 is now available also in battery version. You cannot find an easier, faster and safer way for cordless pipe cutting. The powerful 18V/4.0 Ah battery enables cutting of steel, stainless steel as well as copper and plastic pipes in any place at any time, efficently. The range of use is the same as with the AC powered model (15 mm - 170 mm).

## **PRICE INCLUDES:**

PipeCut 170 BATTERY pipe saw, Cermet 140 THIN blade, Shoulder bag, 2 x 18 V 4.0 Ah Li-ion batteries & charger, Pipe support x 4, Instructions, Allen keys 5 mm & 2 mm, DVD-video.

BLADE FOR PipeCut 170 BATTERY - see more on page 18



18V BATTERY OPERATED MODEL







# **PipeCut P400** BATTERY

**PLASTIC PIPES** 

Battery	18 V   4.0 Ah   Li-ion
Charger voltage	100 -240 V   50 - 60 Hz
No-Load speed	3500 r/min
Blade diameter	148   150 mm
Mounting bore	62 mm
Automatic fuse	

Cut and bevel plastic pipes on the edge of the ditch in one go The cordless PipeCut P400 Battery makes it possible. Cutting with or without bevel makes the pipe handling and installation unbelievably easy and fast. The two powerful 18V/4.0 Ah batteries guarantee that you can work a long time without the need to charge the battery. You can cut and bevel all plastic pipes ranging from 100 mm OD up to 400 mm OD with the PipeCut P400 Battery.

## PRICE INCLUDES:

PipeCut P400 BATTERY pipe saw, TCT P150 blade, Cut & bevel blade, Pipe Supports x 4, Shoulder bag, 2 x 18 V 4.0 Ah Li-ion batteries & charger, Instructions, Allen key 5 mm, DVD-video.

BLADES/DISCS FOR PipeCut P400 BATTERY - see more on page 18









# 18 V BATTERY OPERATED MODEL







# **PipeCut V1000** BATTERY

Battery	18 V   4.0 Ah   Li-ion
Dattery	18 V   4.0 All   El-1011
Charger voltage	100 - 240 V   50-60 Hz
No-Load speed	3500 r/min
Blade diameter	155 mm
Mounting bore	65 mm

#### The next episode of the new era for spiral duct cutting

A battery version of the handy ventilation pipe saw is now available. A huge range (75 mm – 1000 mm) for cutting spiral ducts in any place on site, safely and quickly. The 18V/4.0 Ah batteries will enable the user to complete many cuts before recharging is required. The PipeCut V1000 Battery is extremely light to carry anywhere you need to cut ventilation pipes.

## PRICE INCLUDES:

PipeCut V1000 BATTERY pipe saw, Cermet V155 blade, Shoulder bag, 2 x 18 V 4.0 Ah Li-ion batteries & charger, Instructions, Allen key 5mm, DVD-video. OPTIONAL EXTRA: Pipe supports x 3

BLADE FOR PipeCut V1000 BATTERY - see more on page 18







# PipeBench 170 Complete set ⊘ PipeBench 170 (1pc)

- Pipe Support (4pcs)
- Tool Bag (1pc)
- O Chain Vice (1pc) Work Table (1pc)
- O Chip Tray (1pc)



#### PipeBench 170 Cutting & gripping set

- PipeBench 170 (1pc)
- Pipe Support (4pcs)
- O Chain Vice (1pc)



- PipeBench 170 (1pc) Pipe Support (4pcs)
- ▼ Tool Bag (1pc)
- **Real mate for renovation**

PipeBench 170 is a real mate at renovation sites and it is also very handy for on site pipe assembly jobs. It is lightweight and easy to carry anywhere you need to work with pipes. Whatever combination you choose, you get a useful shoulder bag for to carry the accesories as well as other tools you need for the pipe works.



PipeBench 170







# **Pipe Bench 170**

Weight	<b>12,1</b> kg (26.1 lbs)
Length	1180 mm-2510 mm (46.5"-98.8")
Height	700 mm (27.5")
Working height	875 mm-1030 mm (34.4"-40.5")
Capacity	OD 15 mm-170 mm (0.6"-6.7")
Max load	100 kg (220 lbs)
Max length of pipe	3000 mm (120")
Material	steel, aluminum, plastic

- **1.** Pipe Support is intended to support the pipe properly and to let it roll when cutting. The cutting takes place in the middle of 2 pairs. Max OD 170mm.
- 2. Chain Vice is used to hold the pipe firmly for example when making a thread or when welding parts together.
- 3. Chip tray is used when you do not want to mess up your working area. It collects most of the chips when sawing the pipe or making a thread.
- 4. Work Table is used for multiple types of work. You can shoulder on it pack the parts etc. You can drill holes to it for to mount a vice etc. Dim: 400mm x 250mm.







# **TCT BLADES**

Blades with tungsten carbide tips for general use. Suitable for cutting steel, copper, aluminium and plastic.

# **CERMET BLADES**

Blades with ceramic tips for heavy duty applications, especially for cutting stainless steel and acid proof steel.

# **DIAMOND DISCS**

Heavy duty special diamond discs only to be used for cutting cast iron pipes.







# **BLADES & DISCS 140** for PipeCut models 170, 170B, 170E, 220E

	BLADE/DISCS DIAMENSIONS (MM)							
	Ø	BORE	KERF	BODY	TEETH	FOR MATERIAL	SUITABLE WITH	
TCT 140	140	62	1.8	1.4	46	Steel, Copper, Plastics	PC 170, 170E, 220E	
TCT Z140	140	62	1.8	1.4	38	Steel, Copper, Plastics	PC 170, 170E, 220E	
CERMET 140	140	62	1.8	1.4	46	Steel, Stainless steel, Copper, Plastics	PC 170, 170E, 220E	
CERMET X140	140	62	1.8	1.4	46	Steel, Stainless steel, Copper, Plastics	PC 170, 170E, 220E	
CERMET 140 THIN	140	62	1.4	1.2	46	Steel, Stainless steel, Copper, Plastics	PC 170 Battery	
DIAMOND X140	140	62	2.7	1.5	-	Cast iron, Ductile (nodular cast iron)	PC 170, 170E, 220E	
ALU 140	140	62	2.5	1.8	36	Aluminium	PC 170, 170E, 220E	

# BLADES & DISCS 165 for PipeCut models 280E, 360E

BLADE/DISCS DIAMENSIONS (MM)							
	Ø	BORE	KERF	BODY	TEETH	FOR MATERIAL	SUITABLE WITH
TCT 165	165	62	1.8	1.4	52	Steel, Copper, Plastics	PC 280E, 360E
CERMET 165	165	62	1.8	1.4	52	Steel, Stainless, Copper, Plastics	PC 280E, 360E
CERMET X165	165	62	1.8	1.4	52	Steel, Stainless, Copper, Plastics	PC 280E, 360E
DIAMOND X165	165	62	2.7	1.5	-	Cast iron, Ductile (nodular cast iron)	PC 280E, 360E
ALU 165	165	62	2.5	1.8	42	Aluminium	PC 280E, 360E
TCT P165	165	62	1.8	1.4	40	Plastics (PE, PP, PVC, etc.)	PC 280E, 360E

# SPECIAL BLADES for PipeCut models P400, P400B, V1000, V1000B

BLADE/DISCS DIAMENSIONS (MM)							
	Ø	BORE	KERF	BODY	TEETH	FOR MATERIAL	SUITABLE WITH
CERMET V155	155	65	1.6	1.4	58	Thin wall ventilation pipes	PC V1000, V1000 BATTERY
TCT P150	150	62	1.8	1.4	40	Plastics (PE, PP, PVC, etc.)	PC P400, PC P400 BATTERY
CUT+BEVEL	148	62	2/30	)	40/8	Plastics (PE, PP, PVC, etc.)	PC P400, PC P400 BATTERY
CUT+BEVEL DIAM.	140	62	3.3	2	-	Cast iron, Plastics	PC Cut+Bevel 170E PC Cut+Bevel 170 Battery

#### **BLADES & DISCS 140** are suitable for our former models:

© Exact PipeCut 200, 220U, 360, 360U

# BLADES & DISCS 140 are suitable for our former private label customer's pipe saws:

- **⊘** Orbitalum +GF+ SCORP: 170, 170E, 220Plus, 360
- ORothenberger PipeCut: 170, 170E, 200, 360
- **⊘** T-Drill PCS: 6, 8+, 14
- **⊘** Victaulic PIPECUT. 170, 200, 360



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