

mafelli
creating excellence



Jig Saw
P1 cc

The jig saw P1 cc: When precision is the measure of all things.

STABILITY TO ENSURE A HIGH DEGREE OF PRECISION



Due to the low centre of gravity and the exceptionally stable and wide base plate, the P1 cc rests securely and at right angles on the workpiece: Evidence of the highest precision and convenient working.

BEST HANDLING



Thanks to its ergonomic design and soft inlays, the P1 cc rests ideally in the hand and can always be optimally guided even in difficult working positions.



Sometimes you need to call into question the time-tested so that something better can evolve. The result is a jig saw that sets completely new standards in terms of precision, power and convenience. Made for all who are uncompromising when it comes to the quality of their work. Made for you.

CUnex W1 SAW BLADE



The unique precision saw blade **CUnex** W1 permits cuts of unrivalled precision due to its double-layer configuration and wedge-shaped design.

CUmax SAW BLADE TENSIONING SYSTEM



With the patented **CUmax** saw blade tensioning system, the saw blade is immovably fixed. Thus, there is no frictional heat and deformed saw blades are a thing of the past.

PERFECT WITH GUIDE RAIL

When guided, perfectly straight cuts are required, the P1 cc can be used together with the F guide rail system.



The P1 cc: In every respect the perfect jig saw.

PRECISE BEVEL CUTS

The separate tilting plate permits uncompromisingly precise bevel cuts up to $\pm 45^\circ$.

It couldn't be simpler:

Unlock quick clamping system, remove base plate, insert tilting plate and clamp it. Then select the angle setting, lock into position and saw. If the opposite angle is required, simply turn the base plate by 180° .



Click here for the tutorials:



<https://p1cc.mafell.de/en/#tutorials>

PARALLEL GUIDE FENCE WITH FOURFOLD FUNCTION

One accessory part, many applications: The parallel guide fence not only ensures a straight cut, but can also be used for stabilisation purposes when working close to the edge. When working with the rail, it is simply turned around and serves as a holder for the F guide rail system. This keeps the number of accessory parts manageable.



Parallel guide fence



Supplementary support plate



Guide rail-adaptor



Circle function



Thanks to its extensive range of special accessories, the P1 cc is unsurpassed in its versatility. Equipped with the right saw blades, it copes with wood, laminate, plastic, metal, wood with metal residues, but also with plaster, Trespa® and Eternit. Another advantage: Circular cutter, parallel guide fence and guide rail adapter are combined in one single sophisticated accessory.

SAWING WITH THE GUIDE RAIL



The guide rail allows accurately straight cuts to be made.

It couldn't be simpler:

The P1 cc can be operated alongside the guide rail, with the groove located on the rail (to protect the work surface), or together with the adapter, on the rail. This allows cut outs in worktops, for example, with just one single saw.



COMPASS SAW

The P1 cc effortlessly saws radii for 68 mm (2 41/64 inch) cavity sockets or recessed spotlights.

It couldn't be simpler:

First drill two 8 mm (5/16 inch) holes with a distance of 34 mm (1 11/32 inch). Then insert the compass pin into the base plate, insert the **CUnex** W1 saw blade and pin into the holes and saw out the circle - finished.



REVERSE SAWING

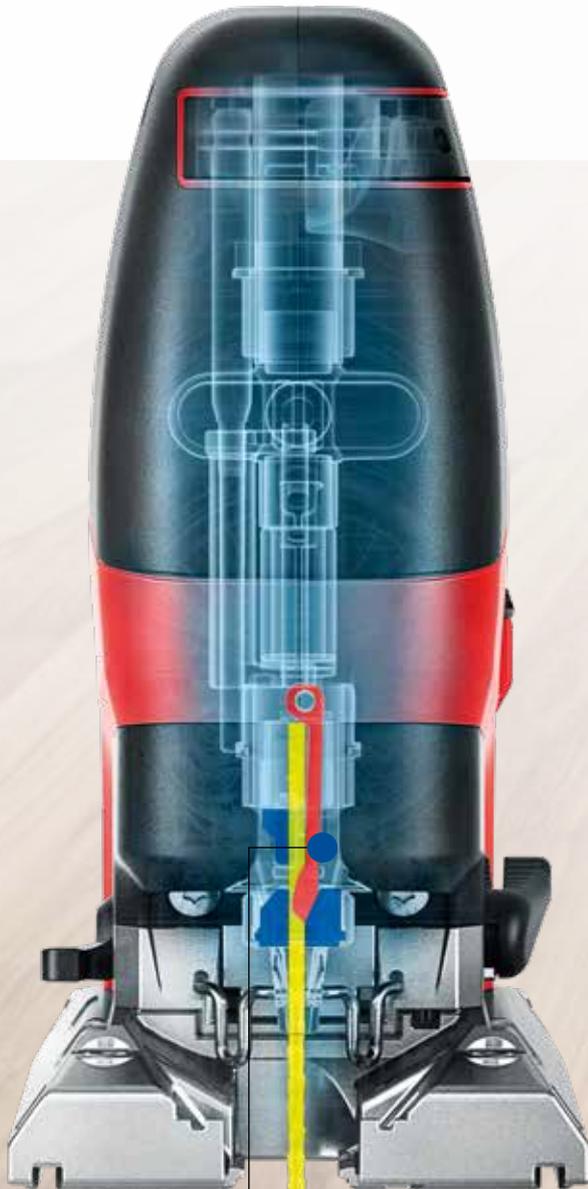
Reverse sawing allows you to work comfortably close to the edge.

It couldn't be simpler:

Release and remove the sawblade, turn it round and reinsert. That's all there is to it. The P1 cc is always very easy to use, irrespective of the saw direction.



Everything speaks in favour of the P1 cc.
Here are the best reasons.



CUmax SAWBLADE CLAMPING SYSTEM

The heart of the P1 cc is the patented **CUmax** saw blade clamping system. It holds the saw blade immovably in place - this is the key to an unmatched degree of precision. Integrated in the gearbox, the oscillating stroke system works without guide jaws and pressure roller on the saw blade. Thus, saw blades deformed by frictional heat are a thing of the past.

Mode of operation in detail: A spring presses vertically on a wedge (**red**) with which the saw blade (**yellow**) is pressed into a positive fit (**blue**). The wedge is self-locking and can only be released by using the clamping lever.

ENHANCED TEAR PROTECTION

The pre-tensioned tear-out protection with making pointer can be incised individually for each saw blade. This creates optimal conditions and ensures tear-free cuts.



The innovative **CUmax** saw blade holder, the high-precision base plate with milled connection surfaces and the MAFELL **CUnex** precision saw blade - they all pursue one goal: precise right-angled cuts. What's more, the Venturi principle that is integrated in the base plate provides an unobstructed view on the saw blade at all times.

TOOL-LESS BLADE CHANGES

To change the saw blade, simply release the clamping lever. With just one hand, effortlessly remove the blade and insert the replacement.



Click here for the tutorials:



<https://p1cc.mafell.de/en/#tutorials>



CUprex MOTOR



Since precision is also a question of power, the **CUprex** Compact motor with its 900 watts and sophisticated digital electronics provides power at consistently high speeds. Even when sawing long cuts. At the same time, the P1 cc equipped with MAFELL saw blades copes with cutting depths from 64 to 114 mm (2 7/16 - 4 31/64 inch).

STRONG BASE PLATE



The base plate with its quick-release fastener is always connected to the jig saw at a 100 percent right angle. The generously dimensioned contact surface simplifies working with small corner and edge distances.

INNOVATIVE EXTRACTION SYSTEM



By means of the Venturi principle, the extraction channel that is integrated in the base plate ensures excellent extraction directly at the saw blade. The tracing is blown clear from one side and the chips are extracted from the opposite side. This keeps the tracing free of chips and is always easy to see even without a vacuum cleaner connected.

Technical data and accessories.



Jig saw P1cc

Technical data

Nominal voltage	230 V
Nominal power input	900 W (1.2 hp)
No-load strokes/minute	800–3000 rpm
Length of stroke	26 mm (1 1/32 inch)
Weight	2,5 kg (5.5 lbs)

Ref. No.

917103 |
Jig saw P1cc in MaxiMAX

Delivery scope

3 jig saw blades **CUnex** W1; W2; W+P2
1 parallel fence P1-PA
1 base plate P1-GP
1 hose connector P1-AS
1 chip deflector P1-SA
1 splinter guard P1-SS
1 glider P1-G
1 main cable



MAFELL T-MAX

Every project has its own special challenges. It is good if you are properly prepared for them. With the MAFELL special accessories for the P1 cc you always make a perfect cut.



Guide rail F

Designation	Length in m
F 80	0,80 m (2,6 ft.)
F 110	1,10 m (3,6 ft.)
F 160	1,60 m (5,3 ft.)
F 210	2,10 m (6,9 ft.)
F 310	3,10 m (10,2 ft.)



Suction clamping system

Ref. No.	Designation	Ref. No.
204380	Aerofix F-AF 1 with 1.3 m (4 ft 3 in) rail, adapters for above and underneath rail, flexible hose	
204381		Ref. No. 204770
204365		
204382	Flexible hose FXS L Length up to 3,2 m (10,5 ft.)	Ref. No. 205276
204383		



Angle fence F-WA

Ref. No. **205357**



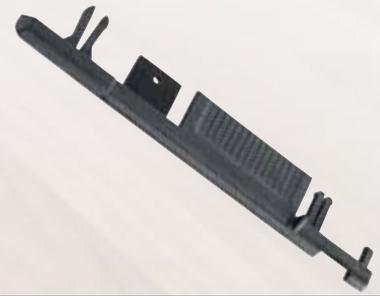
Führungsschienen-Tasche

Guide tracks & bag F 160
for guide tracks up to 1,6m (5,3 ft) long
Ref. No. **204626**



Connecting piece F-VS

For joining two guide tracks
Ref. No. **204363**



End cap F-EK

2 off
Ref. No. **205400**

Guide track set with bag
2 x F 160 + F-VS + 2 x F-SZ 180 MM
+ guide track bag
Ref. No. **204805**

Guide track set with bag
F 80 + F 160 + F-WA + F-VS
+ 2 x F-SZ 180 MM
+ guide track bag
Ref. No. **204749**



Splinter guard F-SS 3,4M

3,4 m (11,2 ft.) long
Ref. No. **204375**



Non-slip profile F-HP 6,8M

6,8 m (22,3 ft.) long
Ref. No. **204376**



Screw clamp F-SZ 180 MM

2 pieces, for fixing guide rail to workpiece
Best.-Nr. **207770**

Accessories and range of blades.



Assortment 1

4 x W2, W+P2, W5, W4
2 x **CUnex** W1

Ref. No. **093712**



Assortment 2

4 x M2, W6, L2, W+M2
2 x **CUnex** W1

Ref. No. **093713**



Parallel guidel fence P1-PA

with 4-way function, incl. circular cutter
Ref. No. **205448**



Splinter guard P1-SS

5 pieces

Ref. No. **205447**



Tilting plate P1-SP

tilting range +/- 45°

Ref. No. **205446**

The range of blades for the P1 cc.

Description and technical data

CUnex W1*

Ref. No.: 093676



precise · straight · fast · curves · 90° angle · rail · long life

W2

Ref. No.: 093701



coarse · straight · fast · plunge · 90° angle

W3

Ref. No.: 093702



coarse · straight · fast

W4

Ref. No.: 093703



coarse · fast · plunge · curves

W5

Ref. No.: 093704



clean · straight · fast · plunge

W6

Ref. No.: 093706



Fein · Sauber · Gerade · Tauchen · Reverse

W+P2

Ref. No.: 093705



fine · clean · straight · plunge

W+M2

Ref. No.: 093707



fine · clean · straight · plunge · reverse

L2

Ref. No.: 093708



straight · fast · plunge · long life

M2

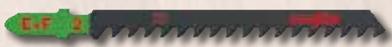
Ref. No.: 093709



fine · straight · long life

E+F2

Ref. No.: 093710



coarse · long life

	Body thickness [mm]	Cutting blade length [mm]	Pitch [mm]	Cutting depth [mm]	Qty. in pack	Solid wood	Board materials plain (e.g. particle board, battenboard)	Board materials laminated/veneered	Timber containing metal	Laminate panels, parquet	Gypsum/cement fiberboard soft (e.g. Fermacell)	Fiber-resin panels (e.g. Trespa®)	Plastics soft	Acrylic (e.g. Plexiglas)	Fiber-reinforced plastics (FRP)	Non-ferrous metals/copper alloys (e.g. Alucobond, Dibond)	Aluminum composite panels (e.g. Alucobond, Dibond)	Aluminum
CUnex W1*	3,0	75	4,0	≤64	2	X	X											
W2	1,7	75	4,0	≤64	5	X	X											
W3	1,7	125	4,0	≤114	5	X	X											
W4	1,3	75	4-5,2	≤64	5	X	X	X										
W5	1,5	90	2-3	79	5	X	X	X										
W6	1,5	75	2,5	≤64	5	X	X	X										
W+P2	1,5	75	2,7	≤64	5	X	X	X			X		X	X				
W+M2	1,3	105	2,4-5	≤94	5	X			X									
L2	1,3	60	1,7	≤15	5					X								
M2	1,0	55	1,1-1,2	≤3	5											X	X	X
E+F2	1,2	75	4,3	≤4	1						X	X		X				



In order to develop a better tool for carpenters, we at MAFELL often take a special approach: We change our point of view and completely reconceive the tool in essential parts. At the same time, we always keep in mind the future requirements of the woodworking trade.

From this way of thinking, paired with an outstanding material and processing quality, amazing solutions emerge again and again. For example, in terms of functionality and ease of use. It is our claim that you no longer have to think about your tools when doing your work. Simply because we at MAFELL have already done so extensively. After all, we have a common goal: the perfect job. Or in brief:

creating excellence

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