

mafell
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

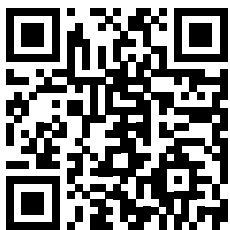
The separate tilting plate permits uncompromisingly precise bevel cuts up to $\pm 45^\circ$.

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 ($2 \frac{41}{64}$ inch) cavity sockets or recessed spotlights.

It couldn't be simpler:

First drill two 8 mm ($\frac{5}{16}$ inch) holes with a distance of 34 mm $1 \frac{11}{32}$ 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

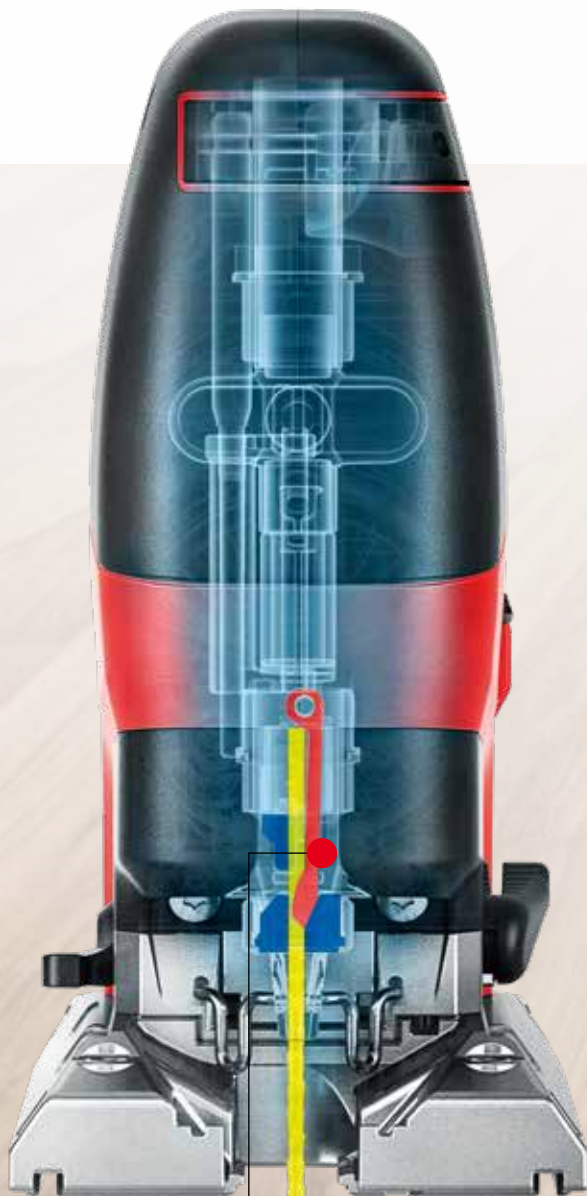
Reverse sawing allows you to work comfortably close to the edge.

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. 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.



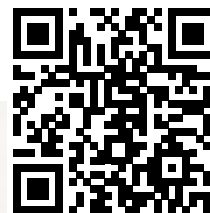
The innovative **CUmax**saw blade holder, the high-precision base plate with milled connection surfaces and the MAFELL **CUnex** precision saw blade - they all pursue one goal: precise right-angled cuts. What's more, the Venturi principle that is integrated in the base plate provides an unobstructed 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 P1 cc

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 P1 cc 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.)

Ref. No.
204380
204381
204365
204382
204383



Suction clamping system

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



Angle fence F-WA

Ref. No. **205357**



Guide rail bags

Guide Bag F 160
for guide rails up to 1.6 m l

Order No. **204626**

Guide rail set with bag:
2 x F 160 + F-VS + 2 x F-SZC 180
+ guide pocket

Order No. **204805**

Guide rail set with bag:
F 80 + F 160 + F-WA + F-VS
+ 2 x F-SZC 180
+ guide pocket

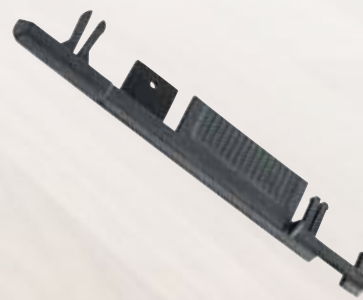
Order No. **204749**



Connecting piece F-VS

For joining two guide tracks

Ref. No. **204363**



End cap F-EK

2 off

Ref. No. **205400**



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**



Lever clamp F-SZC 180

2 pieces, for fixing guide rail to workpiece
Best.-Nr. **093868**

Accessories and range of blades.



Assortment 3

4 x W2, W5, W7, W8
2 x **CUnex** W1

Ref. No. **093866**



Tilting plate P-SP

tilting range +/- 45°

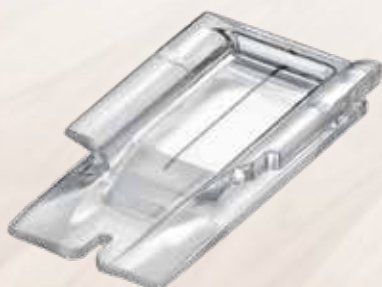
Ref. No. **205446**



Parallel guide fence P-PA

with 4-way function, incl. circular cutter

Ref. No. **205448**



Splinter guard P-SS

5 pieces

Ref. No. **205447**

Sawblade range for the P1 cc.

Designation/properties

CUnex SSB-W1

Order No. 093838



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

SSB-W2

Order No. 093840



coarse · straight · fast · plunge · 90°

SSB-W3

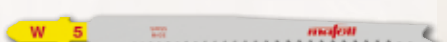
Order No. 093842



coarse · straight · fast

SSB-W5

Order No. 093844



clean · straight · fast · plunge

SSB-W6

Order No. 093846



fine · clean · straight · plunge · reverse

SSB-W7

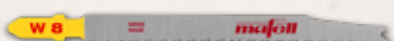
Order No. 093848



fine · clean · tear-free both sides · curves · plunge

SSB-W8

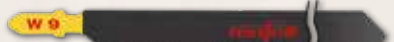
Order No. 093850



fine · clean · tear-free both sides · straight · plunge

SSB-W9

Order No. 093864



precise · straight · deep

SSB-WP2

Order No. 093852



fine · clean · straight · plunge

SSB-L2

Order No. 093854



fine · clean · straight · plunge · long life

SSB-M2

Order No. 093856



fine · clean · straight · long life

SSB-M3

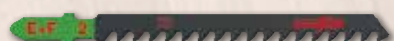
Order No. 093862



precise · clean · deep · long life

SSB-EF2

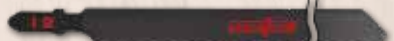
Order No. 093858



coarse · long life

SSB-I2

Order No. 093860



precise · clean · deep

Body thickness (mm)	Cutting blade length (mm)	Pitch (mm)	Cutting depth (mm)	Qty. in pack	Solid wood	Plain boards	Laminated (particle board, battenboard)	Laminates, veneered boards	Soft fiber gypsum board	Melamine resin board (e.g. Formacell)	Fiber-reinforced panels (Frespa, Resopal)	Soft plastics	Acrylic (e.g. Plexiglas)	Fiber-reinforced plastics (FRP)	Non-ferrous metals/copper alloys	Aluminum composite panels	Aluminum	Metal sandwich
3.0	75	4.0	≤64	2	X	X												
1.7	75	4.0	≤64	5	X	X												
1.7	125	4.0	≤114	5	X	X												
1.5	90	2-3	79	5	X	X	X											
1.5	75	2.5	≤64	5	X	X	X											
1.5	95	2.2	≤64	5	X	X	X											
1.5	95	2.2	≤64	5	X	X	X											
1.6	220	4.0	≤190	3	X													X
1.5	75	2.7	≤64	5	X	X	X		X		X	X						
1.3	60	1.7	≤15	5			X											
1.0	55	1.1-12	≤3	5										X	X	X		
1.6	220	1.1	≤200	3										X	X	X	X	
1.2	75	4.3	≤4	1					X	X			X					
1.6	220	1.1	≤200	3														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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