



Technical data	MT 55 cc
Cutting depth	0 - 57 mm (2 1/4 in.)
Cutting depth at 45°	0-40,5 mm (1 5/8 in.)
Tilting range	-1 to +48 °
Nominal speed – no load	3600-6250 rpm
Nominal power input	1400 W (1.9 hp)
Weight	4,7 kg (10.4 lbs)
Universal motor	230 V/50 Hz

Delivery specification	Ref. No.
Plunge-cut saw MT 55 cc in MAFELL-MAX	917612
TCT sawblade 162 x 1.2/1.8 x 20 mm (6 3/8 in.), 48 alternating teeth	092584
TCT sawblade 160 x 1.2/1.8 x 20 mm (6 1/4 in.), 32 alternating teeth	092552
Guide rail F 160	204365
Parallel fence	203214

Special accessories/tools	Ref. No.
Guide rail F 80 – 0.8 m long (2.6 ft.)	204380
Guide rail F 110 – 1.1 m long (3.6 ft.)	204381
Guide rail F 160 – 1.6 m long (5.2 ft.)	204365
Guide rail F 210 – 2.1 m long (6.9 ft.)	204382
Guide rail F 310 – 3.1 m long (10.2 ft.)	204383
Connecting piece F-VS for joining two guide rails	204363
Angle fence F-WA	205357
Bag F 160 for guide rails up to 1.6 m (5.2 ft.) long	204626
Guide rail set with bag: 2 guide rails F 160 + 1 connecting piece + 2 screw clamps + 1 guide rail bag	204805
End cap F-EK, 2 pieces	205400
Non-slip profile F-HP 6,8 M – 6.8 m (22.3 ft.) long	204376
Splinter guard F-SS 3,4 M – 3.4 m (11.2 ft.) long	204375
Position indicator MT-PA	205398
Screw clamp F-SZ 100 MM for fixing rail to work, 2 pieces	205399
Kick back stop F-RS	202867
TCT sawblade 162 x 1.2/1.8 x 20 mm (6 3/8 in.), 48 alternating teeth, for universal use with boards	092584
TCT sawblade 160 x 1.2/1.8 x 20 mm (6 1/4 in.), 32 alternating teeth, for universal use with wood	092552
TCT sawblade 160 x 1.2/1.8 x 20 mm (6 1/4 in.), 24 alternating teeth, for universal use with wood	092533
TCT sawblade 160 x 1.2/1.8 x 20 mm (6 1/4 in.), 16 alternating teeth, for ripping in wood	092539
TCT sawblade 160 x 1.8/2.0 x 20 mm (6 1/4 in.), 56 flat/trapezoidal teeth, for fine sawing in wood	092553
TCT sawblade 160 x 1.2/1.8 x 20 mm (6 1/4 in.), 48 flat/trapezoidal teeth, for decorative laminates (Trespa)	092569
Diamond sawblade 160 x 2.4/3.0 x 20 mm (6 1/4 in.), 4 flat/trapezoidal teeth, for cement-bound materials	092474

## MT 55 cc



Your MAFELL authorized dealer:



# The MT 55 cc plunge-cut saw: Progress times five.

The MT 55 cc comes into its own, for example, when executing high-precision plunge cuts in kitchen worktops.

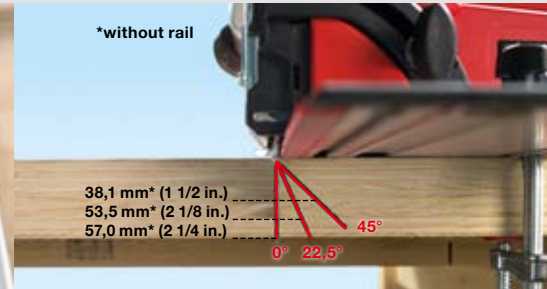
It is compatible with the MAFELL F guide rail. Chip break protection ensures a perfectly neat outcome.

The MT 55 cc is easy to use on other guide rail systems as well.

The cutting depth range has now been extended to 57 mm\* (2 1/4 in.). Thanks to the innovative tilting system, the options afforded for bevel cuts are practically

unlimited as well. Sawing to mark. Even when executing bevel cuts, the tracking pointer always indicates the correct position.

With or without rail – simply turn the pointer to show the exact cutting depth.



## The MT 55 cc plunge-cut saw. A cut above the rest!

### The concept

The idea of developing a new plunge-cut saw is not new in itself. The novel aspect of this development, however, was the origination of a unique precision product from a set of especially designed machine components. The MT 55 cc certainly fulfils its design brief. Numerous innovations make the saw incredibly easy to operate, as validated by the various patent and utility model applications.

### Construction

The design of the MT 55 cc is characterized by the use of extremely rugged, high-quality and precision-made parts, including the lightweight magnesium die-cast housing and impact-resistant, fiber glass-reinforced plastic components.

### Application range

The MT 55 cc is a jack of all trades. It can execute plunge, parting, bevel and angled cuts with supreme precision and without any tearing. It can saw fiberboard, Multiplex, laminated and sandwich board, oriented strand board, gypsum wallboard, soft fiberboard, cement fiber panels and decorative laminates just as precisely as solid wood, Plexiglas, aluminum, including profiles, floor laminates and floor panels. With the broad range of MAFELL special accessories, moreover, you are well equipped to perform the full range of tasks that arise both in the workshop and on site.

### Clean workplace

The guard that fully encloses the blade of the MT 55 cc achieves the best possible efficiency by keeping the workplace clean. Extremely little dust escapes from the housing. In addition, the design of the dust and chip channels ensures optimum removal by suction. The height-adjustable slide, which effectively seals off the work, proves useful when operating the MT 55 cc with a guide rail. Among the other design details that facilitate clean working are the rotating hose connector and guides for keeping the hose and cable tidy.

### Ergonomics

All the operating elements are generously dimensioned and conveniently arranged. The handle is ideally positioned for fatigue-free working, and the soft grip rests comfortably in the hand. The operator can provide additional guidance for the compact MT 55 cc thanks to the recessed grip in the sole plate.



# The MT 55 cc plunge-cut saw: Built for better results.



**-1° undercut**  
For abutted boards in visible locations.

**It couldn't be simpler:**

1. Slacken off the locking screw. Operate the 0° stop and set the MT 55 cc to -1°.
2. With this setting, machine the rear side of the two pieces that are to be joined.
3. The tear-free cut edges present a visibly tight joint.



**Plunge cut with position indicator**

For cutting recesses in work-tops for hobs and basins, and openings for air vents and in Fermacell dry lining boards etc.

**It couldn't be simpler:**

Set the cutting depth with the position indicator, and machine the face side of the work. The red slides mark exactly the position at which the blade enters and leaves the surface of the work.



**Scoring function**

For through cuts that must be tear-free on both sides, e.g. when shortening doors.

**It couldn't be simpler:**

1. Set up the scoring function. The cutting depth is restricted to 2.5 mm (1/8 in.) and the sawblade is very slightly displaced away from the line of the cut.
2. Place the MT 55 cc on the guide rail and make the scoring cut.
3. Deactivate the scoring function
4. Make the parting cut.

**Angled cut with angle fence**

For right-angle cross-cuts, e.g. in skirting boards, plinths and finishing strips.

**It couldn't be simpler:**

1. Set the required angle on the highly legible scale.
2. Attach the angle fence to the guide rail with the connecting piece.
3. Place the assembled unit on the workpiece.
4. Cut the workpiece at the exactly set angle.





# The MT 55 cc makes good sense. Five reasons why.

## 5. More options



### Special accessories/tools

Sawblades are available for practically everything, from boards and solid wood to cement-bound materials. Additional accessories make your work easier and even faster.



### Soft grip

Partly lined with a non-slip, soft material, the handle rests securely in the operator's hand in every working situation.



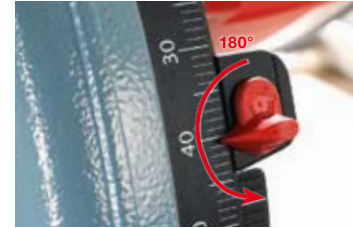
### Variable speed

Continuously variable speed for a variety of materials and sawblades.



### Scoring function

The scoring function is quickly activated in a single movement. The MT 55 cc then cuts visible edges as cleanly as a stationary machine, even if the splinter guard is worn.



### Cutting depth gauge

The cutting depth can be set with millimeter precision. With or without a rail – simply turn the pointer to show the exact cutting depth.

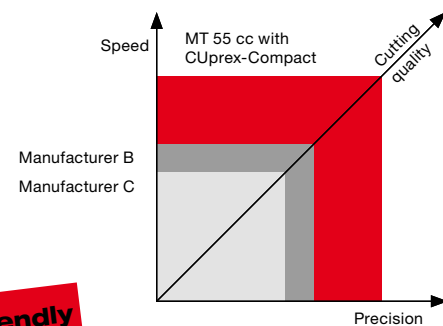
## 4. More power

### Dust extraction

The MT 55 cc is compatible with all conventional vacuum units that have a 35 mm hose connector. In addition, the enclosed sawblade and the slide alongside the cut keep the amount of dust generated to a minimum.

### CUprex-Compact

The MT 55 cc is equipped with a new CUprex-Compact motor for significantly elevated speeds and ample power in reserve.



## 3. More user-friendly

### Changing blades

MAFELL offers the fastest blade change worldwide. Simply press release button (1) and lift lever (2). Housing (3) opens and allows you to change the blade in a matter of seconds, without any risk of damaging the teeth. When the sawblade guard is open, the starting lockout and sawblade lock are automatically engaged.



## 2. More flexibility

### Guide rail

The slot to accommodate the rail is integrated in the magnesium die-cast sole plate of the MT 55 cc. A second slot in the sole plate enables the MT 55 cc to run on other manufacturer's systems as well. Adjustable guide jaws allow the plunge-cut saw to be modified to fit other rail systems exactly.



### Central locking

For bevel cuts, the angle setting is fixed in two locations with half a turn of a single locking screw.



## 1. More precision

### Fine adjustment

Facility for extremely fine adjustment of the cutting depth setting, e.g. when working with a resharpened blade or with Fermacell.

