

mafelli

strong precise innovative unique



Carpenter's chain saw ZSX-TWIN Ec



Carpenter's chain saw ZSX-TWIN Ec - Taking single-phase motors to a new level.

Especially precise, guided cuts are easy to execute because the ZSX-TWIN Ec is compatible with the existing MAFELL guide rail system F.

Perfect height adjustment. The Pertinax glider allows a compensating adjustment to be made for the thickness of the guide rail.

Since a large volume of chips can be produced at cutting depths of up to 400 mm, the ZSX-TWIN Ec can also be used in conjunction with an extraction system.



2 x 230 V



**Special accessories/
tools**

In addition to the extensive special accessories that are already available for the ZSX 400 / HM, a specially developed carbide-tipped ripping chain delivers perfect results.



The new ZSX-TWIN Ec carpenter's chain saw is a highly practical tool for large timbers.

By developing a machine with two motors, capable of producing very complex and otherwise laborious work easily and for a perfect fit, MAFELL has taken the chain saw to a new level.

Applications

- Compatible materials include laminated beams and solid wood
- Parting and rip cuts, as well as cross-cutting
- Large recesses

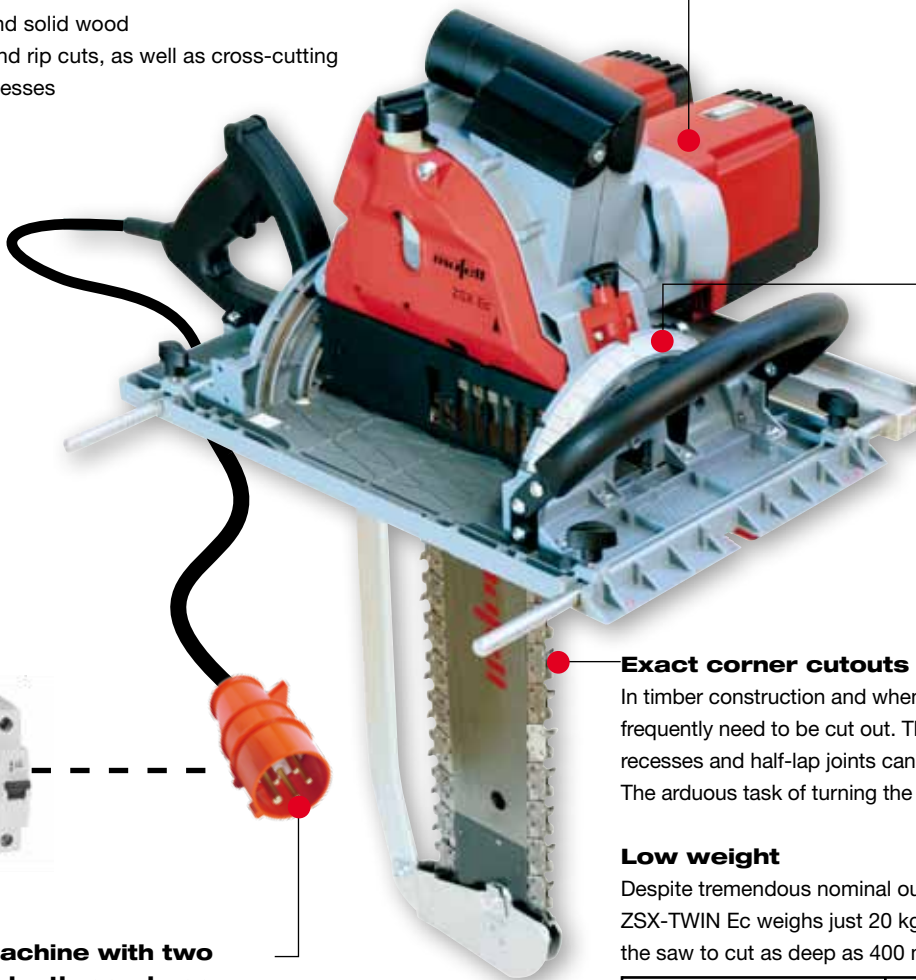
Two CUprex high-performance motors

At the core of the MAFELL ZSX-TWIN Ec are the two 3000-Watt single-phase motors. They run at the same time on two 230 V phases of the three-phase electric power system.



Tilting range

The ZSX pivots from -15° to 60° exactly according to the scale.



Exact corner cutouts

In timber construction and when fitting solid timber walls, corners frequently need to be cut out. Thanks to the vertical cutting edge, recesses and half-lap joints can be produced quickly and exactly. The arduous task of turning the work simply does not arise.

Low weight

Despite tremendous nominal output of 6000 Watt, the single-phase ZSX-TWIN Ec weighs just 20 kg. The low weight-to-power ratio allows the saw to cut as deep as 400 mm.

A 230 V machine with two motors and a three-phase electric power connector? Is that really necessary?

With a nominal output of 3000 Watt, just one CUprex motor already tests the performance limits of the conventional 230 V power supply. Two CUprex motors running at the same time would bring a regular fused domestic power system to its knees. By dividing the load between two circuits, the twin-motor ZSX gets all the power it needs. A three-phase electric power system offers the ideal solution because the phases have separate fuses, so that the supply is not overloaded.



	"Weight-to-cutting-depth ratio" (kg per cm cutting depth)	"Weight-to-power ratio" (kg/kW)
<p>FSG 240 K 240 mm with 66 kg</p>	2,69	15,17
<p>ZSX TWIN 400 mm with 20 kg</p>	0,50	3,33



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Ref. No. 961601

Technical data

Cutting depth	400 mm
Cutting depth at 15°	386 mm
Cutting depth at 30°	346 mm
Cutting depth at 45°	282 mm
Cutting depth at 60°	199 mm
Tilts in both directions	-15° to +60°
Cutting width	6,8 mm
Nominal speed – no load	3600 rpm
Nominal power input	2 x 3000 W
Weight	20,0 kg
Universal motor	230 V / 50 Hz

Delivery specification:

Ref. No.

1 Carbide-tipped ripping chain TWIN HM 400	006977
1 Carbide-tipped fine sawing chain HM 400	006972
1 Trolley ZSX-Twin Ec	205940
1 Glider for use with guide rail	205934
1 Parallel fence	204591
1 Combination screwdriver 6 mm	093272
1 Open-ended spanner 13 mm	093008
1 Power lead 10 m	

Special accessories / tools

Ref. No.

Carbide-tipped ripping chain TWIN HM 400	006977
Carbide-tipped fine sawing chain HM 400	006972
Carbide-tipped fine sawing chain HM 260	006968
Saw chain 3/8" 400 LX for cross-cutting	006971
Saw chain 3/8" 400 P for ripping and cross-cutting	006974
Chain guide 260 HM for 006968	204581
Chain guide 400 HM for 006972	204582
Chain guide 400 3/8" for 006971, 006974	204583
Riving knife 260 for 006968	204586
Riving knife 400 for 006971, 006974	204587
Sprocket HM for 006968, 006972	204584
Sprocket 3/8" for 006971, 006974	204585
Universal guide (compound miter rail)	202069
Guide rail, length 3 m (2 parts with connecting piece)	037037
Guide rail, length 3 m (1 part)	200672
Guide rail extension, length 1.5 m	036553
Pair of adapters for parallel fence	037195
Guide rail F 80, length 0.8 m	204380
Guide rail F 110, length 1.10 m	204381
Guide rail F 160, length 1.60 m	204365
Guide rail F 210, length 2.10 m	204382
Guide rail F 310, length 3.10 m	204383
Connecting piece F-VS for joining two guide rails	204363
Angle fence F-WA	205357
Guide pocket F 160 for guide rails up to 1,6 m	204626
Guide pocket set: 2 x F 160 + F-VS + 2 x F-SZ + guide pocket	204805
Guide pocket set: F 80 + F 160 + F-WA + F-VS + 2 x F-SZ + guide pocket	204749
End cap F-EK 2 pieces	205400
Non-slip profile F-HP 6,8M 6,8 m (22.3 ft.) long	204376
Splinter guard F-SS 3,4M 3,4 m (11.2 ft.) long	204375

Your MAFELL authorized dealer: