

## Carpenter's Chain Saw ZSX TWIN Ec



ref.no.: 961601

EAN: 4032689181004

► Trolley included in delivery specification



### Technical data

Cutting depth	15 3/4 Inch
Cutting depth at 15°	15 3/16 Inch
Cutting depth at 30°	13 5/8 Inch
Cutting depth at 45°	11 1/8 Inch
Cutting depth at 60°	7 13/16 Inch
Tilts in both directions	-15 - +60 °
Nominal No. of strokes – no load	3600 1/min
Nominal power input	2 x 4.0 hp
Weight	53,4 lbs
Universal motor	230 V / 50 Hz

### Delivery specification

- 1 Carbide-tipped ripping chain TWIN HM 400; Ref. No. 006977
- 1 Carbide-tipped fine sawing chain HM 400; Ref. No. 006972
- 1 Trolley ZSX-TWIN Ec
- 1 Glider for use with guide rail; Ref. No. 205934
- 1 Parallel fence; Ref. No. 204591
- 1 Combination screw driver 6 mm; Ref. No. 093272
- 1 Open-end spanner 13 mm; Ref. No. 093008
- 1 Mains cable 10 m (32.8 ft); Ref. No. 087906

## Examples for usage



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 (15 3/4 in.), the ZSX-TWIN Ec can also be used in conjunction with an extraction system.



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.



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

## Applications

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- ▶ Rip cuts and cross-cutting
- ▶ Recesses
- ▶ Compatible materials include solid wood and laminated beams

## Advantages

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- ▶ Despite tremendous nominal output of 6000 Watt, the single-phase ZSX-TWIN Ec weighs just 20 kg (44.1 lbs). The low weight-to-power ratio allows the saw to cut as deep as 400 mm (15 3/4 in.).
- ▶ 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.
- ▶ 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.
- ▶ The ZSX pivots from -15° to 60° exactly according to the scale.

## Description

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The 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.

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.

## Accessories / Tools



**Guide rail**  
length 3 m (9.8 ft) (2 pieces with connecting piece)



**Guide rail**  
length 3 m (9.8 ft) (one piece)



**Guide rail F 80**  
0,8 m (2,6 ft) long



**Guide rail F 110**  
1.1 m (3.6 ft) long



**Guide rail F 210**  
2,1 m (6,9 ft) long



**Connecting piece F-VS**  
for joining two guide rails



**Angle fence F-WA**



**Saw chain 3/8"400 P**  
for rip cuts and cross-cutting



**Guide rail 260 HM for 006968**  
for 006968, 006972



**End cap F-EK**  
2 pieces



**Guide rail 400 3/8"**  
for 006974



**Riving knife 260 for 006968**  
for 006968



**Sprocket 3/8" for 006971, 006974**  
for 006974



**Guide rail 400 HM for 006972**  
for 006972



**Replacement chain, left**



**Glider**  
For height adjustment when working with a guide rail



**Guide rail extension**  
length 1,5 m (4.9 ft)



**Adapters (pair)**  
for parallel guide fence



**Guide rail F 160**  
1.6 m (5.2 ft) long



**Guide rail F 310**  
3,1 m (10,2 ft) long



**Carbide-tipped fine-cut saw chains HM 260**  
for ZSX Ec / 260 HM



**Guide pocket F 160**  
for guide rails up to 1,6 m



**Guide pocket set**  
2 x F 160 + F-VS + 2 x F-SZ 180 MM + 1 guide pocket



**Guide pocket set**  
F 80 + F 160 + F-WA + F-VS + 2 x F-SZ 180MM + Guide pocket



**Non-slip profile F-HP 6,8 M**  
6.8 m (22.3 ft.) long



**Splinter guard F-SS 3,4M**  
3.4 m (11.2 ft.) long



**Lever clamp F-SZ 180MM**  
2 pieces, for fixing guide rail to workpiece



**Universal guide support**



**Carbide-tipped fine-cut saw chains HM 400**  
for ZSX Ec / 400 HM



**Replacement chain, right**



Carbide-tipped longitudinal-cut chain  
TWIN-HM 400



Riving knife 400 for 006972, 006971,  
006974  
for 006974, 006972



Sprocket HM for 006968  
for 006968, 006972

## contact

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