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

MAFELL AG · Beffendorfer Straße 4 · 78727 Oberndorf a. N. · Germany
Telefon +49 7423 / 812-0 · Fax +49 7423 / 812-218 · E-Mail mafell@mafell.de · **www.mafell.de**

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.

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Applications

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

Advantages

- 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

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.

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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

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Carbide-tipped longitudinal-cut chain TWIN-HM 400



Sprocket HM for 006968

for 006968, 006972

Riving knife 400 for 006972, 006971, 006974

for 006974, 006972

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contact

MAFELL AG

Beffendorfer Straße 4
D-78727 Oberndorf / Neckar
Germany

Tel.: +49 7423 / 812-114
Fax: +49 7423 812-102
Email: export@mafell.de