CM 100 / CM 150 / CM 200

Chain mortiser
CM 100 / CM 150 / CM 200

Supplier: PROMACH

Chain mortiser for mortises and rectangular recesses in rafters, purlins, posts and knee braces, with a working depth of 100, 150 or 200 mm, a 2.5 kW motor and a guide frame with layout-line alignment template. The machine is used in the workshop, positioned on the workpiece with the guide frame.



CM 100

200 mm
MAXIMUM WORKING DEPTH (CM 200)

2.5 kW
INDUSTRIAL MOTOR, 230 V

3 models
WORKING DEPTH 100 / 150 / 200 MM

12.9 kg
WITHOUT CHAIN SET (CM 100, CM 150)

/ APPLICATIONS

- Mortises for tenons in rafters, purlins, posts and knee braces
- Rectangular recesses in carpentry and timber construction
- Machining of timber construction elements in the workshop
- Longer mortises cut in successive passes

/ MATERIALS

- Solid softwood and hardwood
- Beams, battens and glued laminated timber elements

/ MAIN FEATURES

1. Guide frame with layout-line alignment template for positioning on the workpiece
2. Hard-chrome-plated guide columns with plain bearings
3. Adjustable depth stop with graduated scale
4. Air-assisted chip ejection that keeps the layout line visible
5. Industrial motor, 2.5 kW, 230 V
6. Mortising chain, pitch A (22.6 mm) on the 28 x 38, 28 x 40 and 28 x 50 mm chain sets

/ TECHNICAL DATA

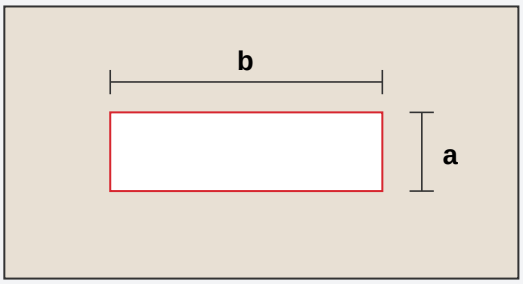
Property	Value
Machine type	Chain mortiser
Workpiece materials	solid softwood and hardwood; beams, battens and glued laminated timber elements
Motor power	2.5 kW
Motor	industrial motor
Guide system	guide frame with layout-line alignment template; hard-chrome-plated guide columns with plain bearings
Stops and fences	adjustable depth stop with graduated scale; side stop: optional
Chip ejection	air-assisted
Tool	mortising chain; pitch A (22.6 mm) on the 28 x 38, 28 x 40 and 28 x 50 mm chain sets
Electrical supply	230 V

/ DATA BY MODEL

Property	CM 100	CM 150	CM 200
Maximum working depth	100 mm	150 mm	200 mm
Available tool sets chain sets, mortise section a x b	28 x 40 mm 30 x 30 mm	28 x 38 mm 28 x 40 mm 28 x 50 mm 30 x 30 mm	28 x 38 mm 28 x 50 mm
Machine weight without chain set	12.9 kg	12.9 kg	–
Machine weight with chain set	13.8 kg	14.2 kg	–

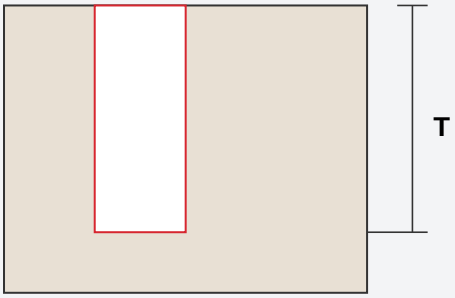
/ CHAIN SETS AND MORTISE DIMENSIONS

TOP VIEW



a x b = mortise section of the chain set (e.g. 28 x 40 mm)
longer mortises in successive passes

SECTION



T max = 100 / 150 / 200 mm

/ SCOPE OF DELIVERY

- Chain mortiser with guide frame
- Chain set (mortising chain, chain guide bar, drive sprocket) in the ordered configuration

/ OPTIONS

- Side stop
- Replacement mortising chains, pitch A 22.6 mm

Delivery configuration and unspecified technical data (tool speed, overall dimensions, weight of the CM 200, dust extraction, pitch of the 30 x 30 mm chain sets) are confirmed in the technical quotation.

PROMACH MACHINERY

PROMACH LTD
Str. Kolednitsa 2, et. 1, 7002 Ruse, Bulgaria
VAT BG208556296

BULGARIA +359 87 6832151
ROMANIA +40 755 023 024

promach-machinery.com

Technical data may be updated without prior notice. Images are illustrative.