DF 500 RQ-Plus

DOMINO Joining Machine | Festool product no. 578462 | Mains-powered

Precision joining machine for routing elongated mortises used with Festool DOMINO loose tenons. Designed for frame, panel, cabinet and furniture joints.

TECHNICAL SPECIFICATIONS

Power consumption	420 W
Drive type	Mains
No-load speed	25,500 min■[1]
Routing depth presets	12 / 15 / 20 / 25 / 28 mm
Maximum routing depth	28 mm
Compatible cutter diameters	4 / 5 / 6 / 8 / 10 mm
Routing height adjustment	5–30 mm
Fence / mitre routing angle	0–90°
Dust extraction connector	27 mm
Power cable length	4 m
Machine weight (without accessories)	3.60 kg
Transport weight (including accessories)	6.10 kg

KEY OPERATING FEATURES

- Pendulum routing principle produces elongated mortises for DOMINO tenons.
- Four integrated stop pins assist with repeated and accurately spaced joints.
- Selectable mortise widths accommodate precise positioning and assembly tolerance.
- Adjustable fence supports straight and mitred joint configurations.

DF 500 RQ-Plus

Applications, supplied equipment and operating information

TYPICAL APPLICATIONS

- Frame and solid timber joints
- Cabinet, shelf and furniture panel connections
- Stable mitre and corner joints
- Joining narrow sections and thin workpieces from 12 mm
- Removable furniture connections with compatible DOMINO connectors

PLUS PACKAGE CONTENTS

Joining machine	DF 500 RQ-Plus
DOMINO cutter	D 5-NL 20 HW-DF 500
Additional stop	ZA-DF 500/700
Tool	Open-ended spanner, WAF 8
Power lead	Plug-it cable H05 RN-F-4
Transport case	Systainer³ SYS3 M 187

DECLARED NOISE AND VIBRATION

Sound pressure level (LpA)	85 dB(A)
Sound power level (LWA)	96 dB(A)
Noise uncertainty (K)	1.5 dB
Vibration emission (ah)	2.5 m/s²
Vibration uncertainty (K)	1.5 m/s²

IMPORTANT OPERATING NOTES

Use appropriate personal protective equipment and connect suitable dust extraction. Disconnect mains power before changing cutters or servicing the machine. Check the mains voltage on the rating plate and follow the official Festool operating instructions.

Source: Festool DF 500 RQ-Plus official product listing, product 578462:
www.festool.com/products/domino-jointing-system/jointing-machines/578462---df-500-rq-plus
This independently prepared data sheet is not an official Festool publication. Specifications and package contents should be confirmed for the supplied regional variant.