



## FMR01 MANUAL DRILLING MACHINE FOR DOMINA HP

### Functions

Manual drilling machine for DOMINA HP hinges, designed to guarantee a real reduction in the machining time of aluminum profiles.

It is a manual downward drilling machine, which performs in one operation all four (2 wings) or six (3 wings) holes necessary for assembling the hinges.

The drilling machine is equipped with a support base and side rollers to support the profiles being processed.

Online data sheet



### Technical Features

A single operator, located at the front of the machine, is able to perform the required operations.

The sturdiness of the machine and the perfect leverage make it possible to drill both profiles (sash + frame) together.

Thanks to the sturdy adjustable pneumatic clamp and two stops with six positions each, it is possible to center the profile in relation to the drill bits and set the hinge pitch; this ensures perfect drilling.

The spindles are driven by a three-phase asynchronous motor via a belt drive. The tool is cooled only during the drilling operation by a micro-mist system with adjustable flow rate consisting of three air atomizers of the coolant (one for each pair of drills).

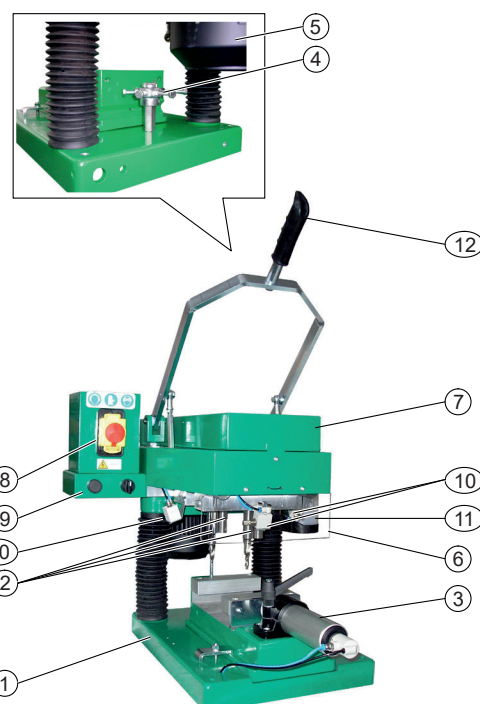
Maximum profile thickness 2 mm.

Possibility of simultaneously making 4 holes (2 wings) or 6 holes (3 wings).

The roller conveyor improves the stability of the profiles during machining. It is supplied in pairs (RH and LH) and is attached directly to the base of the drilling machine.

### List of main machine components

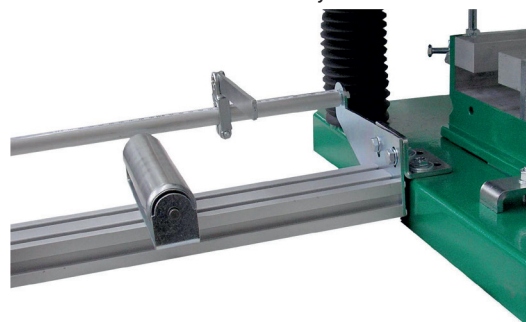
- 1 Cast base
- 2 Working unit with three pairs of spindles
- 3 Pneumatic vice
- 4 Six-position measuring stop
- 5 Three-phase asynchronous motor
- 6 Tool protection cover
- 7 Fixed protection cover for motion transmission parts
- 8 Main switch
- 9 Controls
- 10 Venturi lubrication system
- 11 Lubricating oil tank
- 12 Tool descent handle



Profile stop



Roller conveyor



Item code	Description	Note	Base Raw	Anodised Elox	Painted	Trend/Gold Brass	Pieces per pack
58105100001	FMR01 MANUAL DRILLING MACHINE FOR DOMINA HP		X				1
5840580000	PAIR OF ROLLERS FOR FMR01 DRILLING MACHINE		X				1
5840570000	SUPPORT FOR DRILLING MACHINE FMR01		X				1