

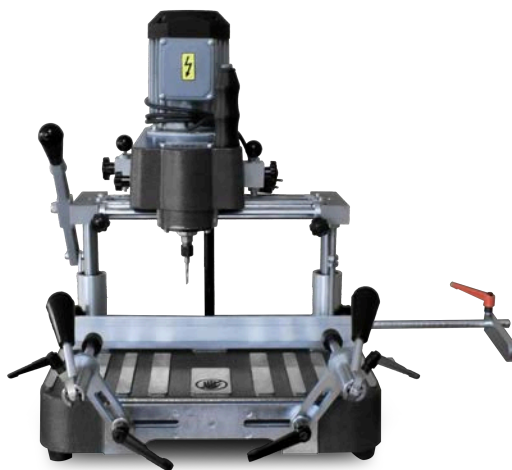


iNTEL MAKiNA
INDUSTRY AND TRADING CORP.

PRM 100

Professional Copy Milling Machine

□ Last updated: April 23, 2026



Description

Manual portable copy milling machine used for opening slots such as door handles in aluminum and PVC profiles.

Highlights

- ✓ 2-axis adjustable vise
- ✓ Easy adjustment capability on X, Y and Z axes
- ✓ Dual-sided profile alignment fixture
- ✓ Start-Stop operation
- ✓ Easy portability
- ✓ Belt-driven induction motor
- ✓ Milling motor
- ✓ 2 pcs 16-17 English wrenches

Optional Features

- + Conveyor unit

Machine Components



TOOL AND ANGLE PLATE ASSEMBLY

The technical specifications and component details of the PRM 100 Tool and Angle Plate Assembly are as follows:

1. Tool and Motor Drive Group

Drive Motor: A vertically positioned high-torque electric spindle/processing motor is located in the upper section.

Chuck and Tool Holder: A milling cutter (drill bit) is precisely secured at the motor shaft end via mandrel/chuck nut.

Control Lever: An ergonomic control handle integrated into the motor block is provided to guide the processing head along the vertical/angular stroke.

2. Angle Plate and Support Systems

Angled / Adjustable Angle Plate Table: A guide-channel processing table in the front and lower section enables secure clamping of the profile/material at the exact angle.

Side Support Bar (Stopper): An extendable support bar with orange clamping lever located on the right side ensures parts are fixed at the same length/height in series production.

3. Clamping and Locking (Clamp) Mechanisms

Dual Manual/Pneumatic Clamp: Two adjustable clamping feet with manual control levers located at the front bottom section rigidly press the material from above and from the side onto the table.

Height and Depth Stoppers: Rotating black knobs (star knobs) on the rear and side are used for precise adjustment of stroke limits and processing depth.

Summary;

The PRM 100 Tool and Angle Plate Assembly is a mechanical sub-assembly consisting of clamping clamps, side length support (angle plate) and a precise stopper-equipped motor head, developed for secure clamping of profile or sheet materials at desired angles to perform precise milling and drilling operations.

Technical Specifications

General

Voltage	230 V
Power	1.1 kW / 1.5 HP
Frequency	50–60 Hz
Speed / Cutting Speed	2850 rpm / 13500 rpm
Max. Cutting Diameter	5 mm
X-Y-Z Axis Travel	240 – 145 – 145 mm
Vise (Pcs)	2
Weight	43 / 44 kg
Machine Dimensions	500 × 490 × 670 mm
Package Dimensions	46 (l) × 52 (w) × 61 (h) cm



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