

CNC Router Spindle Pressure Foot

This CNC pressure foot provides automated clamping for CNC routers. It moves with the spindle to press the workpiece, ensuring accurate carving by keeping the material stable.



Product Overview

Automatic CNC Spindle Pressure Foot

This automatic CNC pressure foot is an essential accessory for CNC router machines, designed to securely hold down thin workpieces during machining. By eliminating the need for manual clamping, it improves carving precision and ensures consistent results for panels up to 10mm thick. The system mounts directly to the spindle, moving with it to provide automated, reliable pressure while enhancing operator safety and reducing dust exposure.

Technical Specifications

Dimensions

132 mm

Outline Width

120 mm

Outline Depth

102 mm

Total Height

49 mm

Bottom Inner Diameter

28 mm

Flexible Distance

Material

Stainless steel

Compatibility

Compatible Spindle Diameters

100mm, 105mm, 92.5mm, 80mm, 72mm, 65mm

Applications

Supported Materials

- Acrylic
- Thin aluminum board
- PCB prototyping
- Plastic board
- PVC board
- EVA board
- Double color board
- MDF board

Usage Guidelines

Height Adjustment Guide

Panel Thickness	Adjustment Instruction
Up to 3mm	Keep bottom of pressure foot and cutter nose at same level
4mm - 6mm	Set bottom of pressure foot 2-3mm over cutter bit end