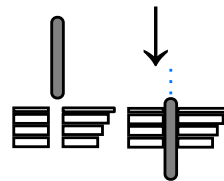




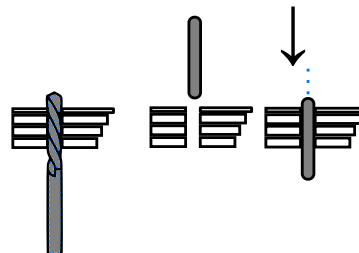
Available configurations to fit any standard pin diameter used in the market:

- 3mm
- 3.17mm
- 4mm
- 5mm

Pinning only for multilayer boards



Double-sided drilling and pinning



The SPINAMATIC Double-Head is the ideal solution for those looking for compactness, efficiency and ease of use in PCB processing. With a single machine, reference pins can be inserted into both double-sided PCBs and multilayer circuits.

Thanks to simple and quick adjustments, the production type can be changed rapidly, allowing the machine to be easily adapted to different production requirements.

Built using high-quality materials and featuring an almost entirely pneumatic operation, with the exception of the pin feeding system, the SPINAMATIC ensures high reliability, robustness and long service life.

Operation is straightforward and requires only basic operator training.

The operator can work in complete safety and comfort: the PCB simply needs to be guided into the working area and, depending on the selected processing mode, the required operations are performed.

At the end of the cycle, the two reference pins are correctly inserted into the PCB stack.

The machine is equipped with a vibration system for automatic pin insertion.

For multilayer PCB processing, a system of retractable punches, combined with the Floating technique, ensures accurate centering and precise positioning of the pins, compensating for any tolerances within the PCB stack.

The pin insertion stroke is controlled by a proven and adjustable mechanism, allowing the insertion depth to be set precisely and ensuring a consistent and correct pin height.

100% MADE IN DVBE

- Origin & Manufacturing: Fully designed, engineered, and manufactured in-house (100% In-House Production).
- Machining & Reliability: High-precision mechanical processing ensuring long-term reliability and accuracy over time.
- Service Life Expectancy: > 30 years, backed by decades of specialized industry expertise.
- Maintenance: minimal, restricted to scheduled inspection and replacement of wear parts.
- Ergonomics & Safety: ergonomically optimized design to minimize operator physical fatigue and overload during operation



Customization Options:

Tailor-made machine configurations available to process materials with custom dimensions or specific technical properties.
Contact our engineering team for bespoke solutions.

TECHNICAL DESCRIPTION

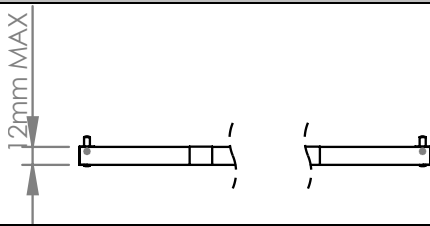
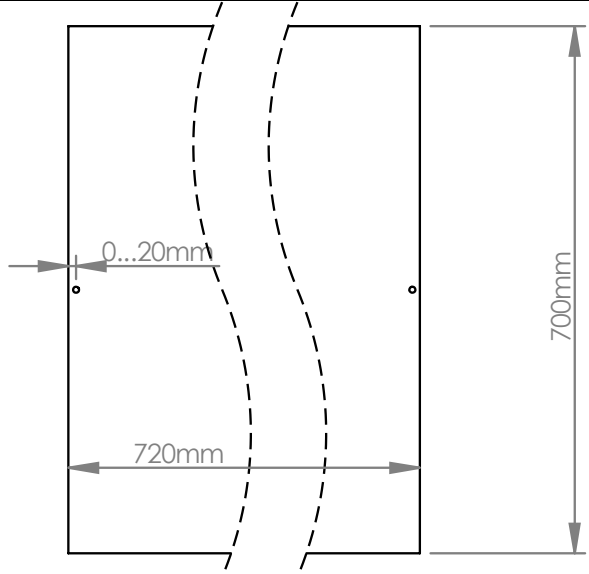
GENERAL

- Installation & Commissioning: Fast and straightforward plug-and-play setup.
- Operator Training: Zero specialized training required; fully intuitive operation

MECHANICAL

- Construction Materials: Premium-grade painted steel, stainless steel, and anodized aluminum.
- Surface Treatments: Engineered surface coatings applied to enhance durability and support low-maintenance performance.

TECHNICAL DATA

WORKING LIMITS		
PCB STACK THICKNESS <i>The indicated measurement are expressed in millimetres</i>		12mm (max)
PCB DIMENSIONS <i>The indicated measurement are expressed in millimetres</i>		300-720mm (min/max)
PIN DIMENSION		
PINS	Ø3/3.17/4/5mm	
KIND OF MACHINE	ORDER DIMENSIONS	WEIGHT
STAND-ALONE STRUCTURE	1650x800 h1500mm	250kg
AIR INLET CONNECTION		
ALL VERSIONS	6 bar	
MAIN POWER		
ALL VERSIONS	230 VAC or 110 VAC - 150 W	

The data and images contained in this datasheet are for indicative purposes only and may be subject to change without prior notice.

CONFIGURATION OPTIONS

KIND OF MACHINE	ORDER CODE	PIN DIMENSION
STAND-ALONE STRUCTURE	SPINAMATIC-SP-25-x	x = 3/3.17/4/5 Ømm

ORDER CODE EXAMPLE **SPINAMATIC-SP-25-4** MEANS VERSION CALIBRATED FOR Ø4MM PIN

OPTIONAL

REINFORCED PINNING CYLINDERS	INCREASE IN PIN INSERTION FORCE
THIRD HOLE CHECK	VERIFICATION OF CORRECT PCB ORIENTATION
SUCTION GUILLOTINE	GUILLOTINE WITH CONTROLLED SUCTION DURING THE CYCLE

TECHNICAL DIMENSIONS

The indicated measurement are expressed in millimetres

1650x800 h1500mm