



Serie LOW MINI

Manual Depanelling with 1- and 2-fold Loading

The compact table machine LOW MINI was in particular developed for **Depanelling of PCB series with small format and series with big format**. PCB materials with residual bridges will be separated quickly and economically up to a size of 320 mm x 580 mm. The separation process takes place in all axes servo controlled, with a routing spindle from above. The workspace changes from small (320x280mm) to large (320x560mm) format is the highlight of the machine, due to the simple and uncomplicated handling.



- ✓ Short cycle time by Shuttle mode
- ✓ X-/Y-axis in linear motor technology
- ✓ Panel fixation with pin fixture
- ✓ Flexibles Handling
- ✓ PCB with residual bridges
- ✓ Spindel adjustment in servo technology
- ✓ Exhaust unit
- ✓ Easy to use
- ✓ Optimum price/performance ratio

LOW MINI with 2-fold shuttle

Manual depanelling – flexible and cost-effective

The concept of manual depanelling has many advantages regarding flexibility and costs. Medium quantities can be separated quickly and dust-reduced using LOW MINI. The standard includes the two-fold loading in linear motor technology, to increase the workspace an operation with 1-way shuttle is possible. Ease of operation and maintenance combined with an excellent price/performance ratio enable a comfortable work experience – the investment into this depanelling machine is also profitable from an economic point of view.

TECHNICAL SPECIFICATION: LOW MINI

Machine

W x D x H	800 x 800 x 620 mm
Weight	approx. 150 kg
Voltage	230 V / 50Hz / 6 A
Ambient temperature	+ 18 °C - + 30 °C

Depanelling speed

Axis speed	160 mm / s
Repeatability	± 0,01 mm
Depanelling	± 0,1 mm

Work Space

2-fold loading	320 x 280 mm
1-fold loading	320 x 560 mm
Mounting height top side max.	10 mm
bottom max.	30 mm

Tools

Shank tools	0,8 – 2,4 mm
Clamping diameter	1/8"
Rpm	> 60.000 U/min

The machines are in accordance with viable rating of local safety regulations, conform to CE, EMV, ESD, UVV noise level ≤ 72 db (A), technical availability >98%, proof of machine capability: Standard

Mechanical Engineering • Tool Manufacture • Air Bearing Technology