



Harlacher H43-1

The Harlacher H43-1 Coating Machine is the successor to the H41-2. The H43-1 guarantees high quality screen production. The excellent price/performance ratio, the user friendly controls and the sturdy construction make this a top quality machine.

TECHNICAL INFORMATION

- Frame formats up to 3000mm W x 6000mm H
- Minimum frame size 300mm x 300mm
- Maximum frame profile width 60mm
- Lower frame holder: prism
- Upper console motor driven by a foot pedal
- Coating thickness +/- 1µ
- Coating speed; continuously adjustable from 50 to 650 cm/minute
- Coating trough pressure on squeegee and printing side is independently adjustable
- Adjustable coating trough overlap
- Individual amounts of coating on print and squeegee side
- Automatic scrape off at the end of coating process
- Trough content maximum 0.6 l per meter length, squeegee side red end caps, printing side black end caps
- Reference trough length: approx. 50-100mm shorter than the inside frame dimension, printing side minus 20mm (our recommendation – for variations please contact us)
- Colors: Harlacher grey (RAL 7042), Harlacher blue (RAL 5012) and aluminum
- Machine complies to present CE requirements





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CONTROLS

- Freely programmable control unit with the ability to save up to 20 programs
- LCD display with background lighting and operating interface on keypad
- EMV tested
- Lockable main switch
- Emergency stop
- Foot pedal operates the upper console with the pneumatic clamps

OPTIONS

- Multiple coating for 2 to 3 frames with one or two clamps per frame
- Raised lower console for optimal working height with small frames
- Other electrical connections
- Coating troughs: R 1mm; anodized or hard anodized and R 0.5mm anodized or hard anodized
- Covers for coating troughs for standard version. Coating covers (opened in the front) and covers in a closed version
- Coater version with closed-in back
- Coater version with security light curtain on the front
- Pneumatic lower frame holders

NOISE

- Maximum 68 dB

EXTRAS

- Coating thickness measuring device

INSTALLATION

Small formats are delivered fully assembled; just plug in and coat.

Larger formats are delivered unassembled. We recommend installation by a Harlacher Ltd. technician or a company authorized by Harlacher.

Read the operating manual carefully and familiarize yourself with the safety requirements!

MEASUREMENTS

Max. Frame Width +700mm

Max. Frame Height +700 mm

Depth 600mm

Frame Support Height 375 +/- 30mm

650mm space should be left available to open the side doors on the left and right sides

Reco. Room Height: + 200mm

Machine Height

Measurement Diagram No. 431.0.0.001

CONNECTIONS

Electric Connection 1 x 230 V +N + PE
50/60 Hz or 3 x 400 V
+ N + PE 50/60 Hz

Installed Power 0.6 kW

Compressed Air 6-8 bar, oil and water free,
air consumption max. 5 l/min

We reserve the right to technical alterations.