

BSV-45

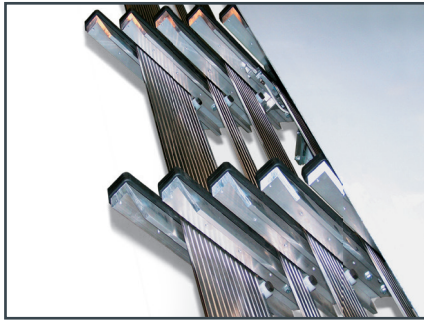
Automated Bending Machine for Spacer Bars

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Bending machine with a work plate inclined at 45 degrees, designed to bend spacer bars to any angle. The machine is suitable for processing steel and aluminum profiles. The spacer frames can be filled with desiccant after being bent. The machine is equipped with an automatic plug device to connect the profile ends. The data measured can either be transferred online or be entered on the control terminal.



The profile storage magazine provides storage capacity for up to 6 different types of profile bars

Highlights

- Space-saving compact design
- Highly precise measurement of frame sides
- Fast bending cycle
- Can be fitted with a 4- or 6-compartment storage magazine

Technical data

and models

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| | |
|------------------|---|
| Profile height | 6 - 8,5 mm |
| Profile types | aluminum optional steel |
| Profile width | 6 - 24 mm adjustable in increments (aluminum) optional 8 - 24 mm continuously adjustable (aluminum) 6 - 24 mm adjustable in increments (steel) |
| Profile magazine | 4-slot |
| Minimal size | 250 x 100 mm |
| Maximal size | 6.600 x 3.300 mm split frame |

Optional

Profile magazine versions

- 6, 8 or 15-slot profile storage magazine with separation device

Profile magazine extensions

- 4, 6 or 8-slot profile storage magazine with a loading depth of 500mm (standard: 350mm)
- Profile magazine with automatic profile change unit
- Drilling station designed to drill holes for manual gas filling and for inserting Georgian bars/muntins (BM-45HM)

Function extensions (software)

- Shapes according to the LiSEC shape catalogue
- Bending of 'free shapes'
- Creation of transfer files for non-LiSEC software
- Corner connection (3 corners are bent, the 4th corner is connected using a corner connector)
- Minimal radius R = 50 - 100mm (aluminium, steel)
- Minimal frames down to 190 x 50mm (aluminium, steel)

Bending tools

- Automatic bending die for aluminium (8 - 24mm)
- Standard bending die, or bending die for processing minimal frames or minimal radii

Material-related extensions

- Processing of steel profiles

General options

- Larger table top for processing unsplit frames sized up to 2700 x 1300mm and frames sized up to 4900 x 2700mm, split into two U or L shapes
- Frame connecting device for longitudinal connectors used on the 4th side

Printer options

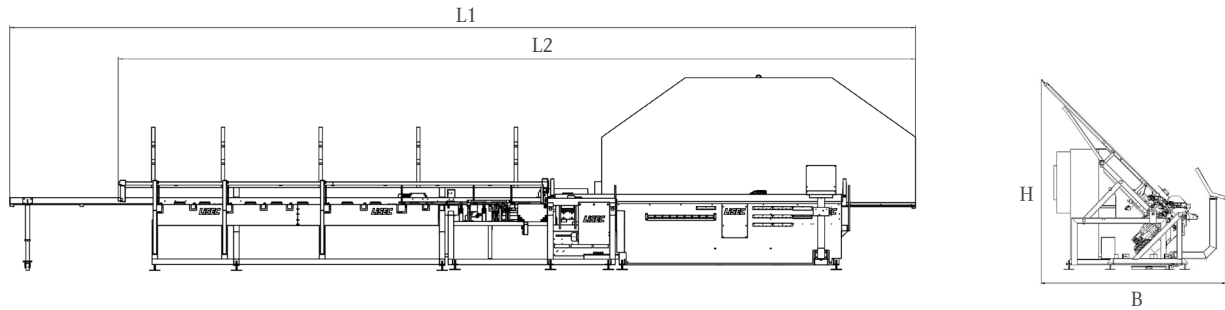
- Printer control for inkjet printers
- Multiple frame labelling

BSV-45

Models

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| | L1 (mm) | L2 (mm) | B (mm) | H (mm) | Power consumption (kW) | Operating air pressure (bar) | Air consumption (l/min) |
|--------|---------|---------|--------|--------|------------------------|------------------------------|-------------------------|
| BSV-45 | 12980 | 11430 | 2650 | 2750 | 1,33 | 6 | 25 |