

SEMI-AUTOMATIC BENDER OF SPACER PROFILES FOR FRAMES OF ISOLATION GLASS PANELS OHB 2200

This device has been designed to make frames from spacer profiles with the angle of bend between 0° to 135° . To save footprint space bender's working desk is tilted 60° . Range of frame sizes is between 300×300 to 2200×2200 mm. Setting of the desired dimensions is made on a touch screen control panel.

Apart from bending stainless steel spacers the bender is also suitable to bend aluminum and plastic spacers (TGI, Ultra). Bends have high tolerances. Profile is inserted manually, desired size and the angle of bend is programmed and action is started by foot switch.

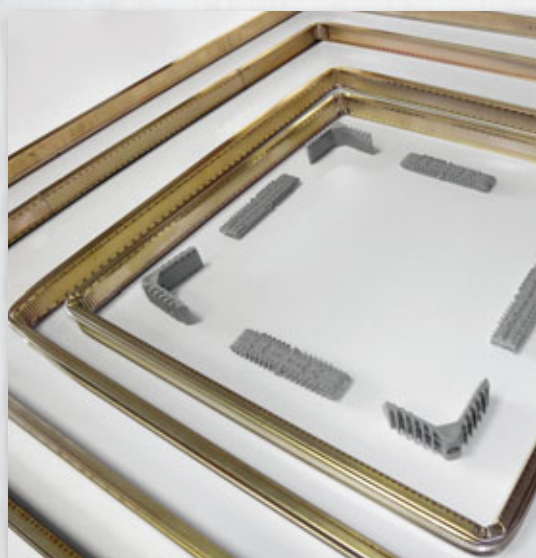


TYPES OF SPACER PROFILES BENDERS:

OHB 2200 PNEU - This type is designated to bend profiles pre-cut to specific length which are placed into the machine individually. Operator manually sets length of sides and desired angle of bend then starts each bend individually. Control is pneumatic.

OHB 2200 SERVO - This type is designated to bend profiles pre-cut to specific length which are placed into the machine individually. Using touch screen of control panel operator inputs sizes of sides and angles and the whole frame is made automatically by means of servo drive until the finished frame is released.

OHB 2200 SAW - This type is designated to bend profiles with standard 6 m length which are being connected together by an operator using plastic connectors to form an endless profile. That enables to make desired size of frames without a needless loss of material. Endless profile is cut to necessary length by a special saw.



TECHNICAL PARAMETERS:

Entry profiles characteristic:

- Width 10, 12, 14, 16, 18 mm
- Suitable for spacer profiles Inox Spacer, Chromatech, Chromatech plus, Nirotec, Aluminum, TGI, Ultra

Electrical inputs installed:

- Servo drive of feeding axis 0,55 kW
- Bending motor 0,12 kW

Pneumatic working pressure 0,6 MPa
Mass 450 kg
Foot print 9300×1900 mm

Theoretical capacity:

Frame 1000×1000 mm 120 pc/hour

Frame sizes:

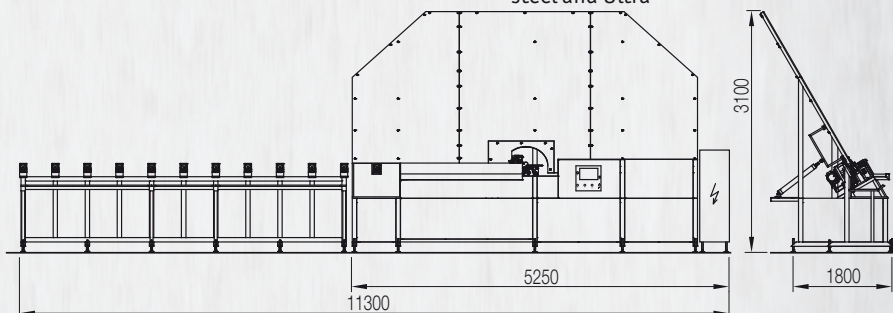
- Minimum 300×300 mm
- Maximum 2200×2200 mm



▲ Option – Automatic marking appliance



▲ Detail of 90° bend – profile Stainless steel and Ultra



This development project is supported MPO CR.

