



*Schlebach*



# Notching Machines

## Notching station

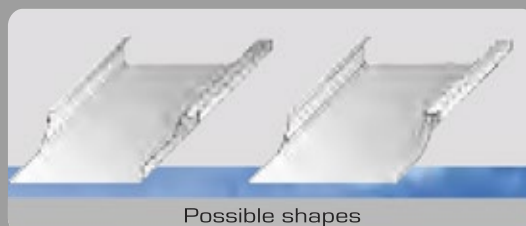
Electro-hydraulic Unit, to notch and shape parallel, oblique or trapezoidal profile plates. Profiled plates are round-notched on one side and fed forward. Burr-free cutting ensures that the material does not crack during installation. Plates may be prepared for left to right, right to left as well as dripping eaves, building joints or upper cover plated. The fold back is produced by a manual operation on a segment bending machine. Different profile heights may be notched and shaped by replacement of the notching Unit. The notching distance is infinitely variable from 30-80 mm



## Technical Data

|                         |                                  |
|-------------------------|----------------------------------|
| Notching distance:      | 30-80 mm, infinitely adjustable  |
| Material:               | Non-ferrous metals up to 0.8 mm  |
| Sheet Steel:            | up to 0.7 mm                     |
| Stainless Steel:        | up to 0.5 mm                     |
| Dimensions:             | L X W x H 1,120 X 900 X 1,250 mm |
| Weight:                 | 325 kg                           |
| Electrical Connections: | 1,1 kW, 400 Volt, 50 Hz, 3-ph.   |

Special versions: Profile height 32 or 38 mm



Possible shapes

# Folding and edge bending machines

## Universal folding machine Piccolo



Universal folding machine produce angular and double standing seams in a single operation, for straight or arched profile plates from a radius of 600 mm. Adjustable for seam profile heights of 25 and 38 mm.

### Technical Data

|              |                        |
|--------------|------------------------|
| LX W X H     | 450 x 310 x 230 mm     |
| Weight:      | app. 23 kg             |
| Drive:       | 0.3 kW, 230 Volt, 1-ph |
| Performance: | app. 9 m/min           |

#### Optional accessories:

- Roller cutter to cut the installed folded strips
- Set of special rollers for stainless steel sheet

## Seaming machine Flitzer



A universal seaming machine to produce angular and double standing seams in a single operation, for straight profile plates

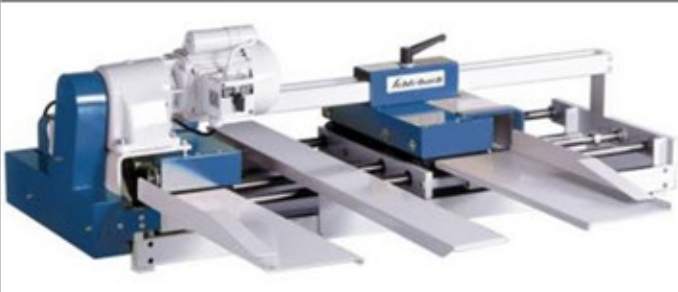
### Technical Data

|                     |                        |
|---------------------|------------------------|
| LX W X H            | 370 x 250 x 280 mm     |
| Seam Profile Height | 25 mm                  |
| Weight:             | app. 17 kg             |
| Drive:              | 0.3 kW, 230 Volt, 1-ph |
| Performance:        | app. 11 m/min          |

#### Optional accessories:

- Roller cutter to cut the installed folded strips

## Edge bending machine DSM 1000N



Edge bending machine for parallel plates, with both edges being Double standing pleating machine to fold double standing seam folded up in a single operation. Turn-up height between 25 - 60 of profile plates in a single operation. For turned-up metal mm and intake width of 350-1,000 mm, infinitely adjustable.

### Technical Data

|                  |                                    |
|------------------|------------------------------------|
| LX W X H         | 1,270 x 960 x 420 mm               |
| Weight:          | 90 kg                              |
| Drive:           | 230 Volt, 1-ph, 0.37 KW            |
| Gauge:           | Non-ferrous metals<br>up to 0.8 mm |
| Sheet steel:     | up to 0.7 mm                       |
| Stainless steel: | up to 0.5 mm                       |
| Intake width:    | 350 - 1,000 mm                     |
| Turn-up heights: | 25 -60 mm                          |
| Performance:     | app. 11 m/min                      |

## Double standing pleating machine FK 1



Double standing pleating machine to fold double standing seam of profile plates in a single operation. For turned-up metal sheets, 2 seaming operations are necessary. The seam profile height is infinitely variable from 20-40 mm, depending on the profiler or turn-up height.

### Technical Data

|                  |                                    |
|------------------|------------------------------------|
| Weight:          | 37 kg                              |
| Drive:           | 230 Volt, 50 hz 0,75 KW            |
| Gauge:           | Non-ferrous metals<br>up to 0.8 mm |
| Sheet steel:     | up to 0.8 mm                       |
| Stainless steel: | up to 0.5 mm                       |
| Width:           | 300mm                              |
| Height:          | 440mm                              |
| Performance:     | app. 4 m/min                       |

# JOINT PUNCH

## Electro-hydraulic combination metal punch FSE

For the cost-effective production of fixed, gliding and suspended joints from strip material.

### Options:

- Bending station with automatic strip infeed and automatic production runs, with pre-selection of quantities
- Gliding punch optionally available as a special version with a slot width of 60 or 70 mm.

## Breeches joint punch HS

This manually operated unit is used to produce breeches joints from 39 mm wide sheet metal strips that are required for the assembly of chamfered panels. Joint height 75 mm

## Gliding joint punch SHM

Gliding joint punch, motorised Unit to produce gliding joint bottoms, optionally for 50 mm, 60 mm or 70 mm slot lengths, from metal strips of 39 mm widths. Bending is performed in a separate operation using the bending machine AG.

## Bending machine AG

The bending machine is an accessory to the gliding joint punch. Preshaped segments are inserted into the machine by hand and bent to shape.

## Suspended joint punch EHS-P

The suspended joint punch consists of 2 manual devices that are used to produce the suspended joints (upper part of the gliding joint) and match the folded profile, optionally for 25, 32 or 38 mm profile heights, from sheet metal strips with a width of 29 mm

## West joint punch LHS

This manually operated unit is used to produce welt joints. Sheet metal strips with a width of 39 mm are inserted into this unit which then punches, bends and cuts the strip to length in a single operation.

## Fixed joint bracket punch FHS

This manually operated Unit is used to produce fixed joint brackets that match the folded profile in a single operation, optionally for 25, 32 or 38 mm profile heights, from sheet metal strip widths of 39 mm

## Technical Data

|                  |                         |
|------------------|-------------------------|
| LX W x H:        | 1,550 x 700 x 1,200 mm  |
| Weight:          | 280 kg                  |
| Drive:           | 1.5 kW, 400 Volt, 3-ph. |
| Automatic infeed |                         |
| LX W x H:        | 1350x900x930 mm         |
| Weight:          | 115 kg                  |



## Biegeboy

For bending of chamfered panels with a turn-up height of 50 mm and a minimum radius of 300 mm. The Smallest radii are produced in multiple operations.

## Winterset

A hot air blower ensures that seams can be produced during the winter months. For this purpose the device is attached to the seaming machine. A controller is used to select the required temperature.



A special jet limits the required working area. Existing seaming machines can easily be retrofitted. For manual operations the blower is mounted in a stand that allows swivelling in all directions. This means that both hands are free for assembly tasks. Power consumption: 3500 Watt, 220 Volt

