

Basic structure

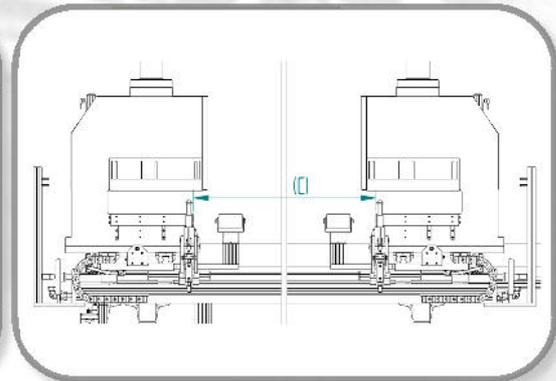
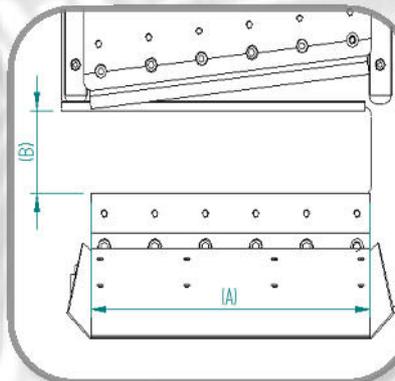
- Basic frame featuring aluminium profile design.
- Cutting units consisting of solid steel blocks.
- Supports via roller rails for the continuous plate extrusion.
- For ZH: Hydraulic unit installed beside the system or under the system.
- For ZE: Installation possible at working height or below the system.

Mechanical structure

- Cutting unit transverse movement to work position via trapezoidal threaded spindle and hand wheel.
- Pneumatic analogous movement of the cutting units during cutting.
- For ZH: Cutting force directly via upper cutting blade moved by hydraulic cylinders against a fixed lower cutting blade.
- For ZE: The cutting force is transferred via a gear motor and eccentric lever to the upper cutting blade.
- Trim strips are guided via the swivelling guide units into the cutting units.

Electrical technology

- Cutting intervals via time interval or direct length input (extrusion speed required).
- For ZE: Cutting speed setting.



Technical data:

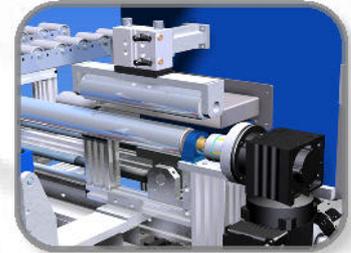
	ZH (hydraulic)	ZE (electric)
Cutting widths (A)	150, 200, 250, 300, 350, 400	
Work widths (throughput width) (C)	Standard widths: 1600, 2000, 2500, 3000	
Cutting thickness (B)	Up to 50 mm	Up to 20 mm
Note	Cutting thickness and cutting width are partially dependent on the material for both versions. The combination of both values also plays a partial role in selection of the suitable cutting unit.	

Equipment / options / additional equipment:

The following is a selection of different options/additional equipment for this machine:

Auxiliary pull-off unit (optional)

During the production of very thin, non-rigid panels, the trim strip may be curved upwards, especially if the pull-off machine of the extrusion system is standing very far away from the trim strip chopper and/or the trim strips are already cut very early upstream. For the trim strip to be pulled into the machine safely, a motorised pull-off roller featuring a counter-pressure roller may be built onto the in-feed side.



Electrically operated cutting units (installation)

The electrically operated version of the trim strip chopper may also be installed below the working height of the extrusion system thanks to its more compact design. The trim strips are then guided underneath the cutting units. This is only possible, however, if the trim strips are sufficiently flexible so that guidance downwards is possible. The installation may take place below an existing roller track or a roller track segment/roller table produced especially for this purpose.



Electrically operated cutting units (comparison)

The advantages of the electrically operated cutting units include:

- Hydraulic unit omitted.
- The cutting force may be set.
- Cutting intervals are significantly shorter than with the hydraulic version.

One limitation is the (material-dependent) maximum cutting thickness.



Conveyor belts for removal of the cut material

Normally, the cross-conveyor belt is installed after the extrusion units for removal of the cut material to the side of the extrusion system. The length and conveyor direction of the belt is specified together with the customer. Additional conveyor belts are available in different variations for further transport of the cut material.

