

Basic structure

- Main frame in hollow steel profiles, aluminium profile structure in individual cases.
- Contact surfaces with the product designed in stainless steel or plastic sliding materials.
- For transport belts: Large selection of different belt materials and surface textures.

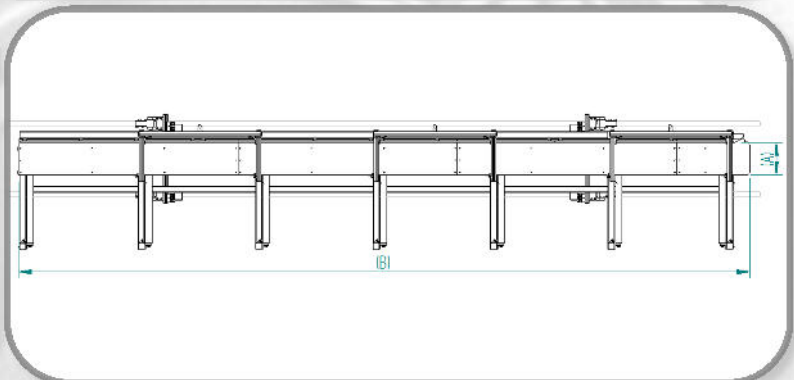
Mechanical structure

Multiple variations are available for the tilt tables:

- Support surface as folding chute with stainless steel sheets.
- Support surface as transport belt, folding.
- Collection of the production profile segments in lateral catcher brackets, with or without support rollers.
- Lateral push-off for profile segments on support arms (rigid or swivelling away). The support arms may also be designed as a single support or support roller.
- Of course, during selection of a suitable tilting table, profile geometry, profile dimensions in the traverse cut and length, and other factors play a role.

Electrical technology

The scope of the electrical technology for the tilting tables is subject to the respective design. For very simple variations, electrical technology can usually be omitted completely. For tilt tables with transport belts and traverse slide devices and with multiple options for work processes, a corresponding range of electrical technology (partially including PLC) is required.



Technical data:

AK tilting tables	
Support width (A)	Depending on product width
Table length (B)	Depending on product length

Equipment / options / additional equipment:

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

Profile packaging

The individual profiles and/or profile bundles are packaged manually by the operator, but this may be supported by corresponding attachments on the machine.

These devices may look different depending on their functionality in the company and adjusted by STEIN upon request. In general, these aids may be designed ergonomically to match the work processes.

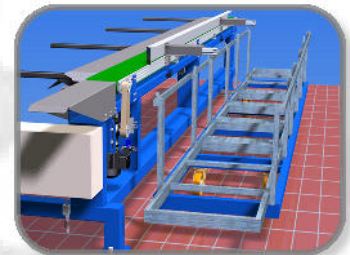
One example of this is the attachment of a film roll holder for single-layer film or tubular film.



Separation of production profiles and scrap profiles

The tilting table can be designed so that material profiles and scrap profiles may be deposited separately.

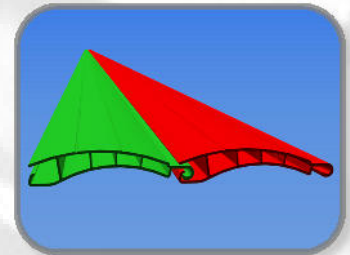
Material profiles are moved to the operator side, for example, while scrap profiles are moved non-operator side. On the non-operator side, the profiles are collected in catcher brackets or directly in transport cassettes.



Special devices for tilting tables

Tilting tables may be expanded with special devices for additional process of specific profiles as required.

One example of this is a threading device for shutter profiles or profiles with a similar function. Using this device, individual profiles are pushed into each other continuously, whereby a pre-finished segment consisting of multiple profile links results.



Profile stacking machines

STEIN profile stacking machines represent an extension of the tilting tables for complete automation of profile segment handling after the longitudinal cut. These are especially sensible for "continuous" profiles. Profiles are collected by the profile stacking machines and deposited lengthwise in transport cassettes.

Please also refer to our info brochure "PRO profile stacking machine" or contact STEIN Maschinenbau for more detailed information.



Machine height adjustment

The standard version of the machine is delivered including regular foot pads and adjusting screws for levelling at the set-up location. Optionally, height adjustment units may be built onto the inlet and outlet sides. Adjustment is possible manually using a hand-wheel/crank or a motor.

