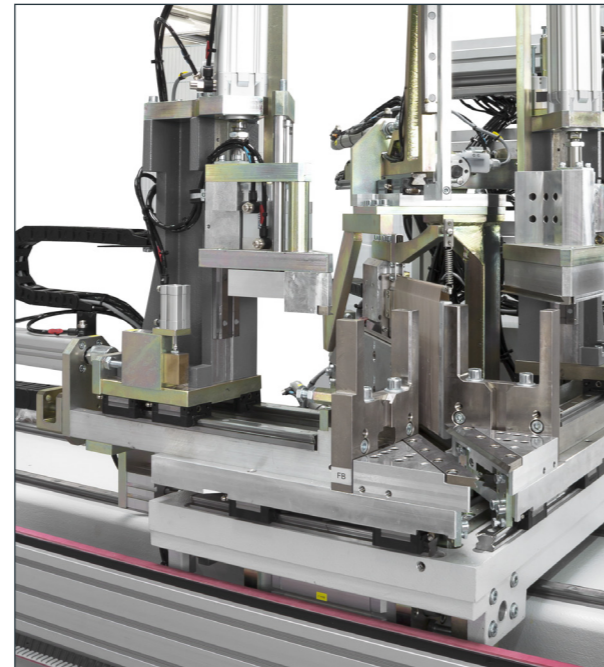


#### ✓ Characteristic features:

- High-quality machine construction
- Welding in diagonal feed
- Integrated outer frame tool
- Optional V-transom welding, transom butt welding or transom trapezium welding
- Electronic positioning of welding heads
- High-quality flat guidances are assembled on movement axes
- Easy and quick change of the welding tools
- Weld seam limitation adjustable from 0,2 to 2 mm
- Easy accessible heating plates at corner as well as transom units
- Own drive of the transom units assures optimal positioning and dimensional accuracy
- Die carrier of transom unit with electromotive adjustable axis
- PC-control
- Automatic frame out transport
- Quick changing device for teflon foil
- Control of a ROTOX-cooling station
- With simultaneous delivery:  
Data transfer to ROTOX Corner Cleaning-machines with PC control

#### Optional extras:

- Wide transom unit for welding of 2 elements (one behind the other)
- Weld seam restriction automatically adjustable from 0,2 mm to 2 mm
- Multifunction welding heads (for example screwing of thres holds)
- Automatic die carrier movement ideal for the welding of frame combinations
- Double stack welding (only corner units)
- Sealing forming units
- Barcode-Scanner
- Many more options available



#### ✓ Technical data\*:

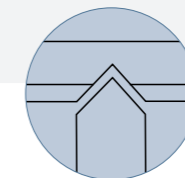
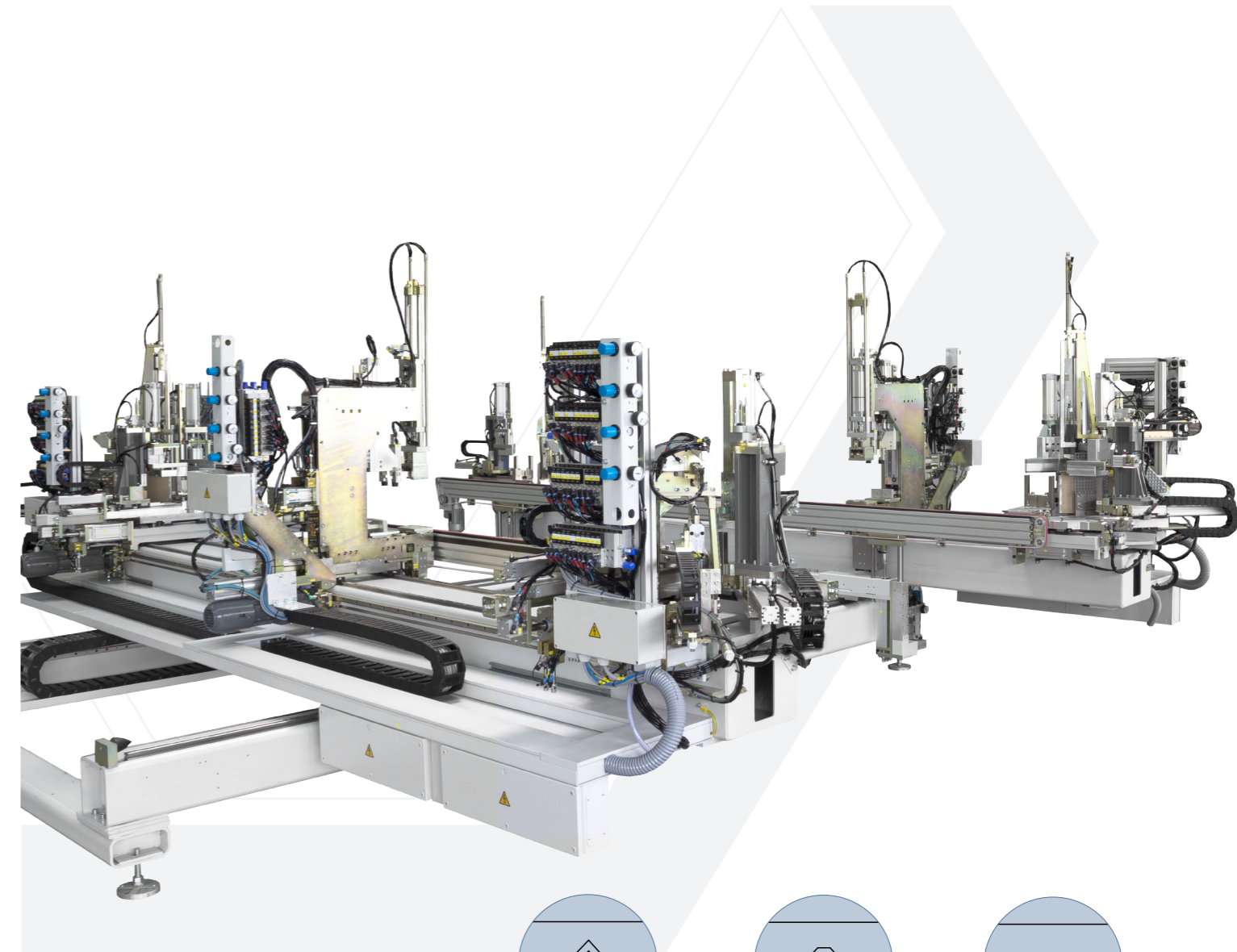
- Power (kW): from 8\*
- Voltage (V): 400
- Operation pressure (bar): 6-7
- Air consumption per welding (NL): approx. 150\*
- Welding length(mm):  
340 - max. 3500 (without gasket forming units)  
440 - max. 3500 (with gasket forming units)  
depending on specification
- Welding width (mm):  
440 - max. 4500 (without gasket forming units)  
520 - max. 4500 (with gasket forming units)  
depending on specification
- Profile height (mm): 40 - 155\*
- Profile width (mm):  
max. 155 without support tools
- Machine dimensions L x D x H (mm):  
depending on specification
- Weight (kg): approx. 3.100\*

\* depending on construction

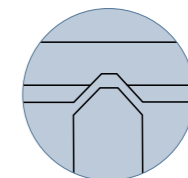
## Multi-Head Welding Machine 4-/6-/8-Head

Welding of profiles with diagonal welding feed.

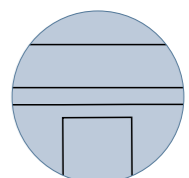
# SMK 516



V-Transom-Welding



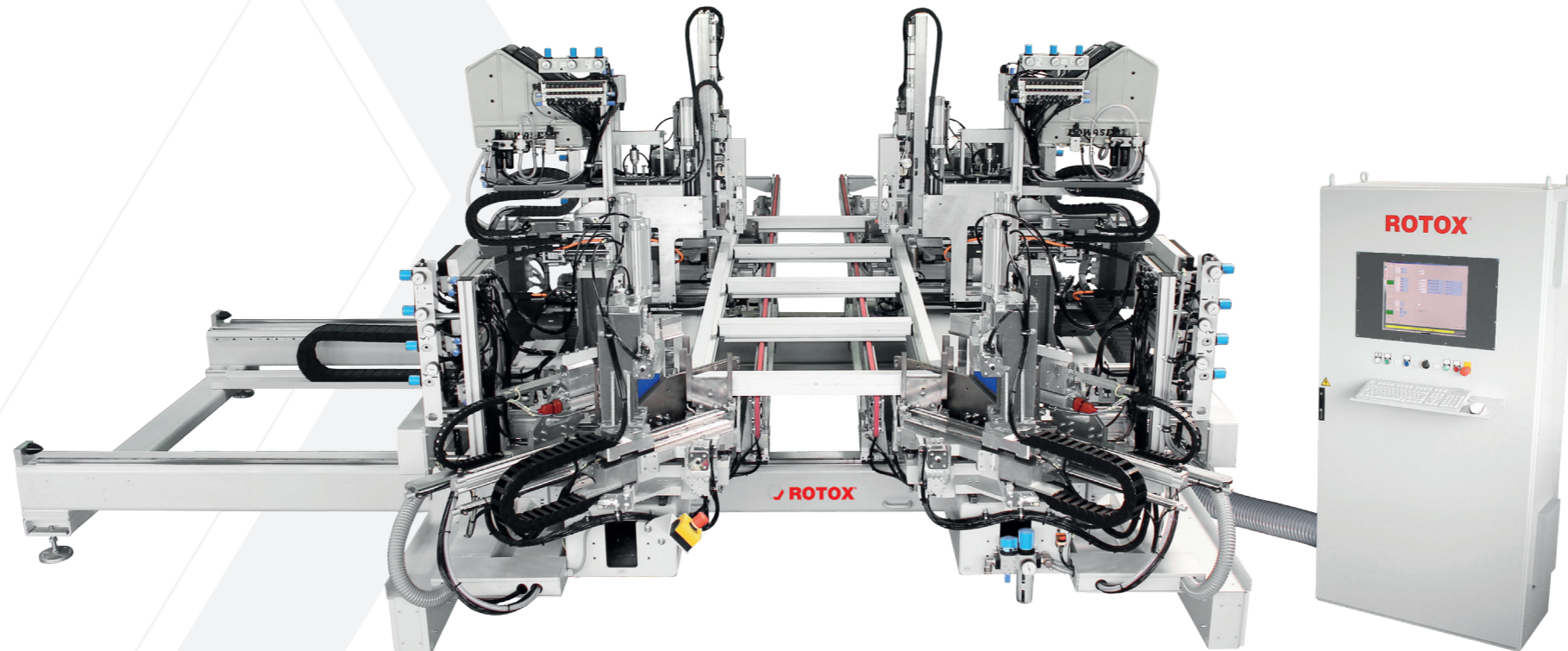
Trapezium-Welding



Transom-Butt-Welding



Knife limit and automatic mullion ledges (Option)



Motor moveable sealing forming units pushing and pulling

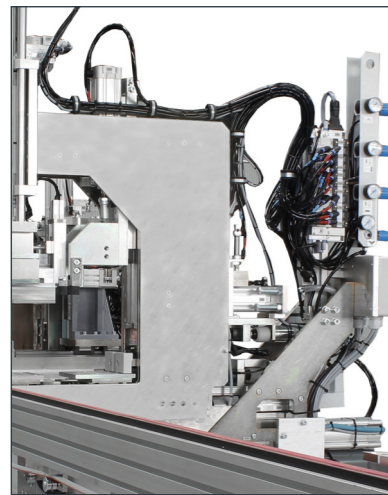
#### Proven heating element butt welding in combination

with the fully automatic assembly of up to 3 transom profiles in one operation. The prepared transom profiles are inserted into the welding machine together with the remaining 4 profile bars, the outer bars are drilled during the welding process, the transom bars are precisely positioned and automatically screwed.

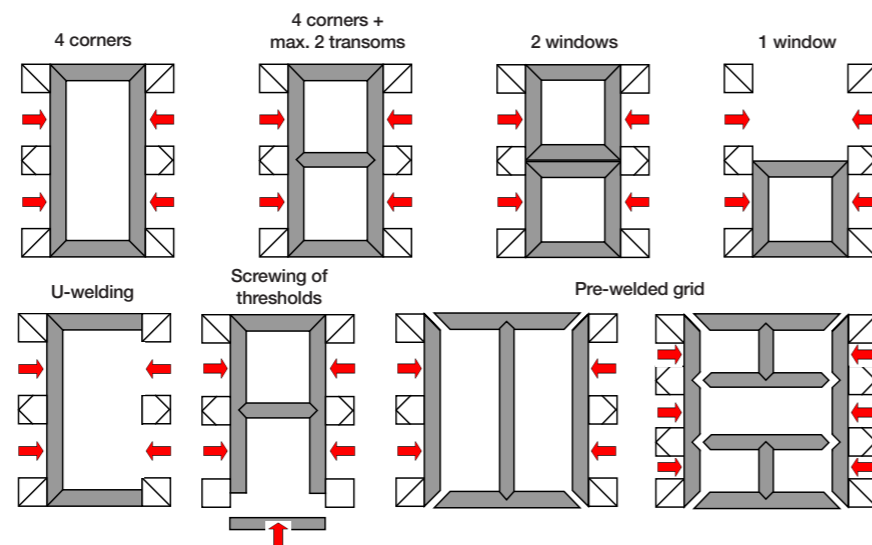
Thus, the sometimes complex manual transom assembly is a thing of the past.

Depending on the transom connection, the drilling and screwing operations are even cycle time-neutral.

#### Transom processing unit



#### Processing possibilities:



#### Layout example SMK 516-6 (2500 x 3000) + RKS 3223 + EKA 577:

