

With the horizontal multi-head welding machines AKS 6605 and 6610 we developed for you a very flexible high quality series of machines available in different versions (with six or eight welding heads). The AKS 6600 can be used for transom V-welding as well as for transom butt welding, with heating plate optionally from above or from below - so the machine optimally meets your production requirements

AKS 6605 with weld seam limitation of 2.0 mm
AKS 6610 with weld seam limitation of 0.2 mm

All components correspond to our high quality standard - so you know for sure that you always produce reliably. The good accessibility to those components allows for quick and easy cleaning and maintenance of the machine. A big plus for the operator's convenience is the possibility for diagonal release of the front clamping slides. This function ensures easy and ergonomic profile insert - also for very small elements. Another advantage is the stop rail which remains firmly in front position so that even the very last profile bar can be ergonomically inserted.

All parameters (e.g welding temperature, heating time, melting pressure, joining pressure and joining time) can be

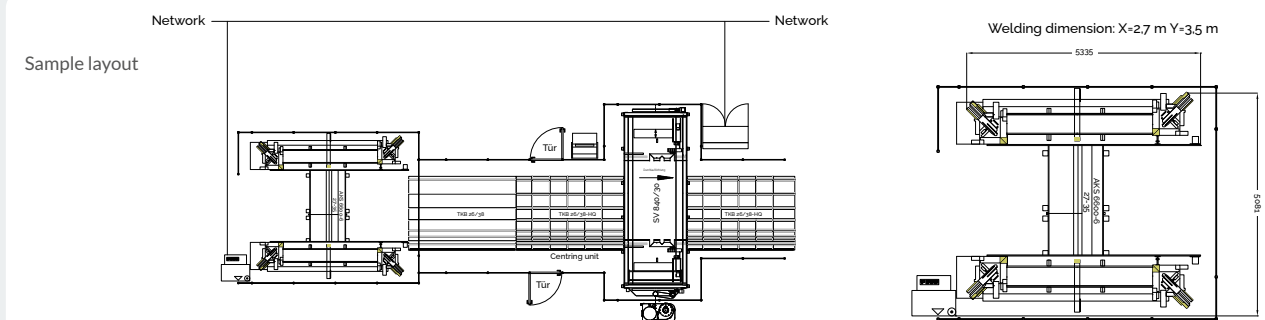
individually adjusted - this allows for an optimal adaptation to different profiles. The welding temperature is constantly monitored by perfectly synchronized temperature regulators and heating elements. The melting time adapts automatically to the different profile cross sections. The click-stop system and the integrated frame limitation of 40 to 200 mm (optionally 240 mm) ensure excellent flexibility. Electronic positioning of the X and Y axes via AC servo motors which are disconnected during the welding process. All machine models are equipped with an automatic outfeed for transfer into the cleaning machine.

AKS 6600

Horizontal 6-8-Head Welding Machine



Technical information



approx. 3720 kg at 27/35 - 6-head
approx. 4300 kg at 27/35 - 8-head



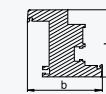
230 / 400 V, 50 - 60 Hz
L1-L2-L3-N-PE
AKS 6600/6 - 12 kW
AKS 6600/8 - 14 kW



7 bar

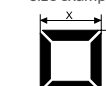


Air consumption per cycle
95 litres



h max. : 200 mm (240 mm optional)
h min. : 40 mm
b max. : 150 mm

size example



	27/30	30/40
X max :	2700 mm	3000 mm
X min :	390 mm	390 mm
Y max :	3000 mm	4000 mm
Y min (6-head) :	460 mm	460 mm
Y min (8-head) :	620 mm	620 mm

Technical data are valid for basic machine without options. Size according to layout.

Product data sheet
AKS 6600 6-8
01/22 PR40142

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AKS 6600

Horizontal 6-8-Head Welding Machine

U-R-B-A-N

Trust. Right from the start!



Operator-friendly

The IPC control with high quality colour screen and possible online connection ensures an operator-friendly handling of the machine and an excellent and uncomplicated integration and linkage.



Operating comfort

Due to the diagonal release of the front clamping slides you are able to insert the profile bars - even very small ones - without problems. The stop rail remains firmly in frontmost position.



Minimum production stop

The teflon quick-change system allows for a change of hot teflon during minimum production stops without having to remove the heating element.



High flexibility

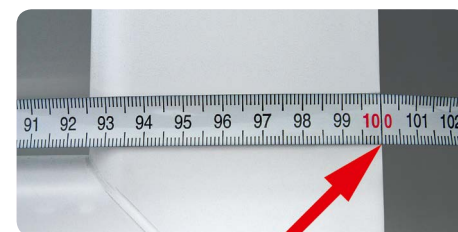
The sophisticated arrangement of the adjustment plate and the heating element allows for big contact surfaces for complicated profile cross sections.

PVC welding in a new dimension



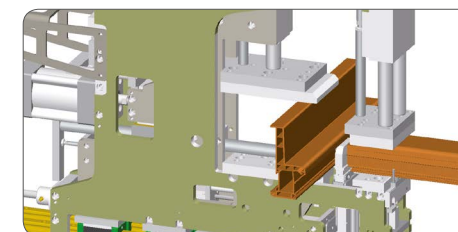
Efficient production

The optional butt welding* allows for an efficient production of elements with transom (depending on profile).



No rework

Thanks to the compensation welding, you can compensate length tolerances of the profile bar. So you no longer have to rework additional profiles.



Butt welding

With heater plate from below for door frame profiles. The narrow head design is a decisive advantage for smaller elements in the production.



Enormous time saving

Gasket welding* saves working time: Gasket moulder and down holding device are the guarantee for optimal results when welding profiles with weldable gaskets.

*optionally available