

Our know-how is your advantage

With the horizontal multi-head welding machines AKS 6605 and 6610 we developed for you a very flexible and high-quality series of machines that optimally meet your requirements.

- AKS 6605 with weld seam limitation of 2.0 mm
- AKS 6610 with weld seam limitation of 0.2 mm (equipped with heated plates and stainless steel knives)

All components correspond to our high quality standard – so you know for sure that you always produce reliably. The good accessibility of those components allows quick and easy cleaning and maintenance.

A big plus for the operator is the diagonal release of the front clamping slides. Due to this function you are able to insert the profile bars without problems – even with very small elements. Additionally the stop lath remains in the front position so that also the very last profile bar can be ergonomically inserted.

All parameters (e.g welding temperature, heating time, fusing pressure, joining pressure, joining time) can be individually adjusted – this allows an optimal adaptation to different profiles. The welding temperature is constantly monitored by perfectly synchronized temperature regulators and heating elements. An electronic pressure valve and a temperature regulator controlled via PC are optionally available. With this the working pressure for welding and fusing as well as the temperature automatically change when other welding parameters are called (can also be selected via data connection).

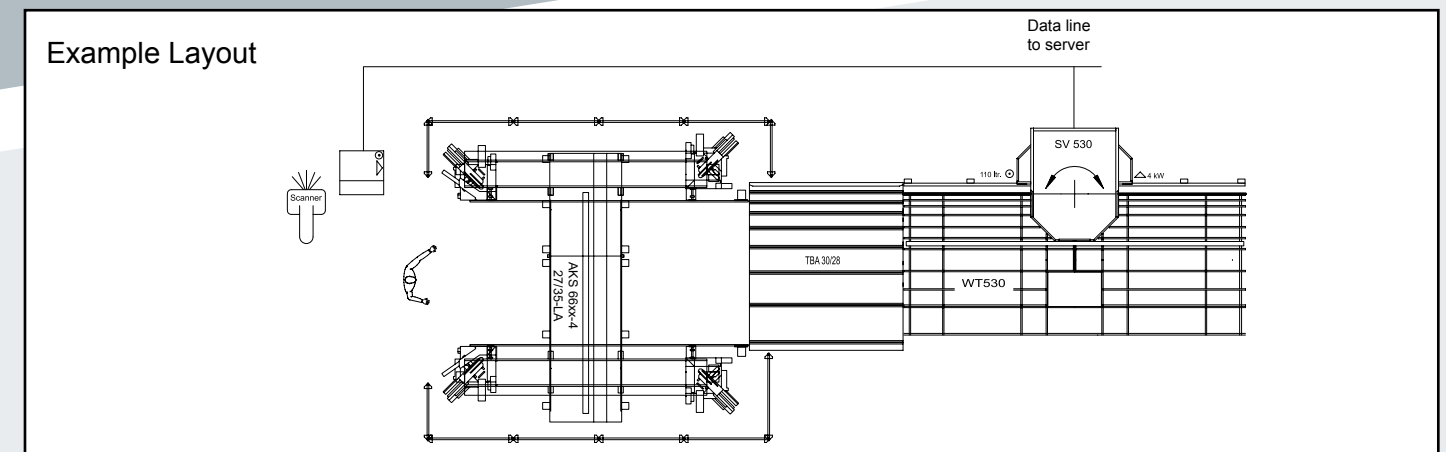
The automatic adjustment of the fusing time to different cross sections of profiles, the click-stop system and the integrated frame limitation of 40 to 200 mm (optionally 240 mm) ensure excellent flexibility. Electronic positioning of the axes X and Y via AC servo-motors which are disconnected during the welding process (no position control). All machines are equipped with an integrated discharge to a subsequent cleaning machine.

AKS 6600

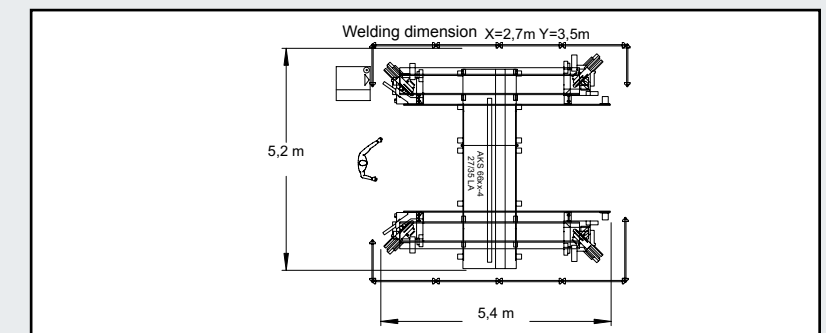
Horizontal 4-head welding machine



picture similar



	ca. 3100 kg bei 27/35 ca. 3000 kg bei 27/25 each without special aggregates
	230 / 400 V 50 - 60 Hz L1+L2+L3+N+PE 9 kW/18 A
	7 bar
	90 liter
	h max. 200 mm (240 mm optional) h min. 40 mm b max. 150 mm



Example dimension		27/25	27/35
	X max.	2700 mm	2700 mm
	X min.	380 mm	380 mm
	Y max.	2500 mm	3500 mm
	Y min.	320 mm	320 mm
	B/T (X)	5200 mm	5200 mm
	L (Y)	4400 mm	5400 mm
	H	1600 mm	1600 mm
	H with DF	2000 mm	2000 mm

All technical data goes for the basic machine without options.

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PVC welding in a new dimension

Operator-friendly handling...

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



No rework...
With the compensation welding* you can compensate length tolerances of the profile bar. So you no longer have to rework the additional profiles and glazing beads.

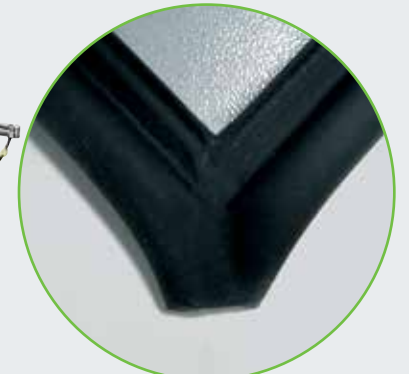
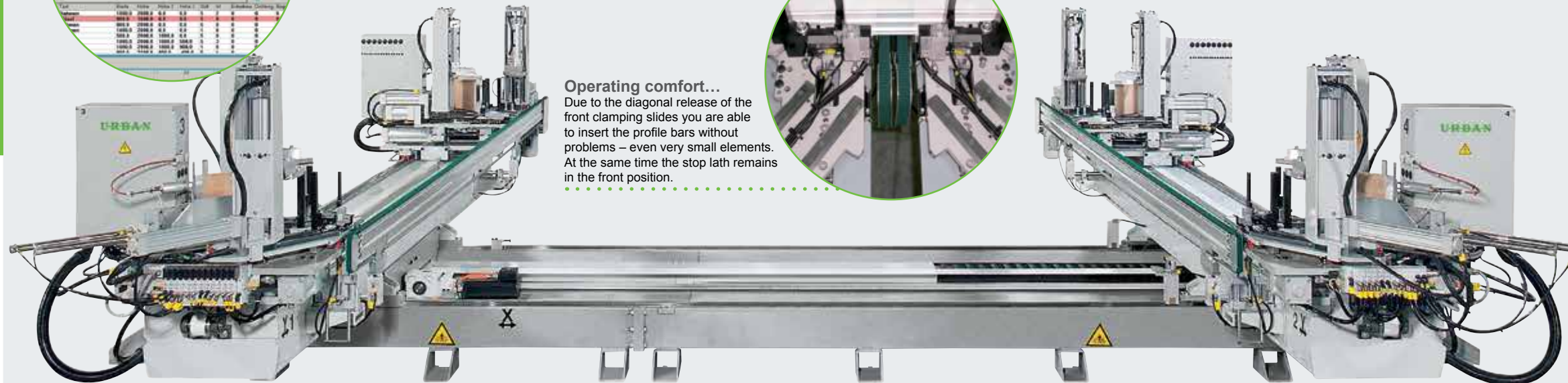
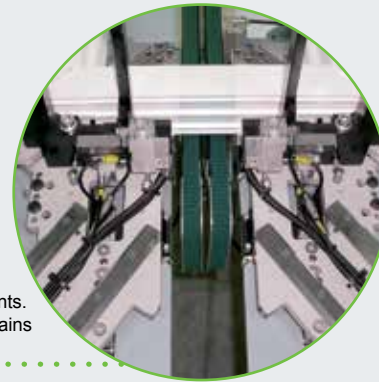


Highest corner strength...
The parallel welding process of the welding slides improves the corner strength.



Optimal efficiency...
With the option „double welding**“ you optimally utilize the capacity of the machine and your production space.

Operating comfort...
Due to the diagonal release of the front clamping slides you are able to insert the profile bars without problems – even very small elements. At the same time the stop lath remains in the front position.

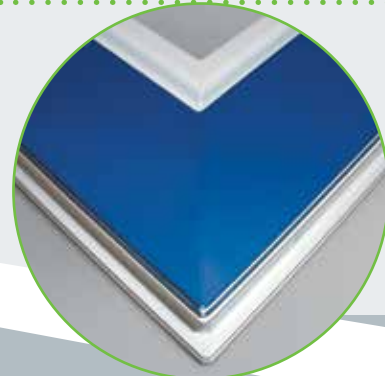


Enormous time saving...
The welding with co-extruded gasket* saves working time: gasket moulder and down-holding device ensure optimal results when welding profiles with gaskets.

Best cleaning results...
The automatic plate adjustment* to 0.2 or 2.0, selectable via PC without set-up times or mechanic adjustment work guarantees best cleaning results.



Solid construction...
for great demands. The latest high-quality production technique involves an optimal price-performance-ratio.



High flexibility...
The sophisticated arrangement of the adjustment plate and the heating element allows big mating surfaces for complicated cross-sections of profiles.



Minimal machine halt...
The quick-change system allows a change of the hot teflon during only a minimal machine halt without having to remove the heating element.



* optionally available