

With the horizontal 4-head welding machines AKS 6405 and 6410 we developed for you a very flexible high quality series of machines that optimally meets your requirements.

AKS 6405 with weld seam limitation of 2.0 mm
AKS 6410 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 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.

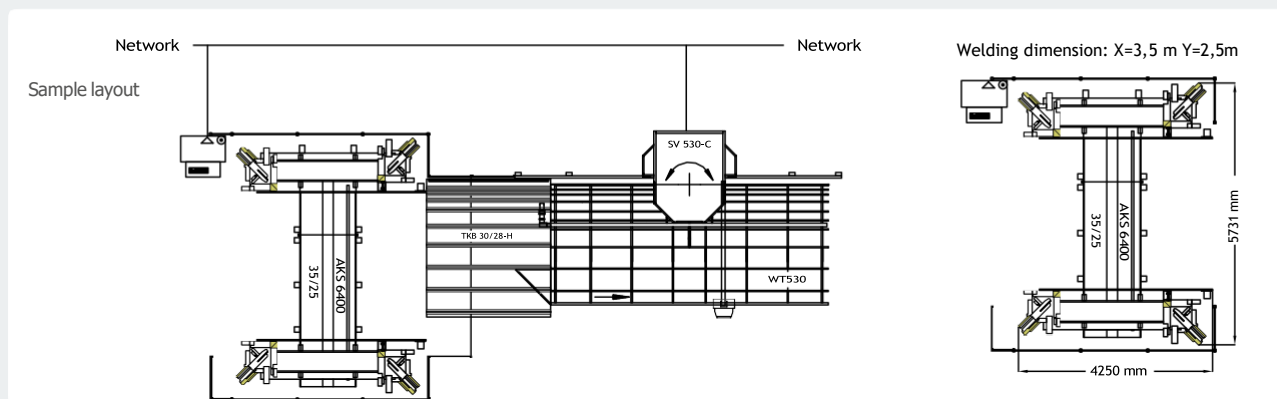
The melting time adapts automatically to the different profile cross sections. The click-stop system and the integrated frame limitation of 40 to 200 mm (optionally 240 mm) ensure excellent flexibility. Electronic positioning of the axes X and Y via AC servo motors which are disconnected during the welding process (no position control). All machines are equipped with an integrated outfeed for transfer into the cleaning machine.

AKS 6400

Horizontal 4-Head Welding Machine



Technical information



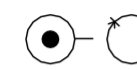
approx. 3100 kg at 35/25
 approx. 2900 kg at 27/25
 in each case without special aggregates



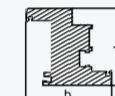
230 / 400 V, 50 - 60 Hz
 L1-L2-L3-N-PE
 7 kW



7 bar

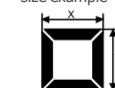


air consumption per cycle
 90 litres



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

size example



	27/30	27/35
X max :	2700 mm	2700 mm
X min :	390 mm	390 mm
Y max :	3000 mm	3500 mm
Y min :	330 mm	330 mm

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

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AKS 6400

Horizontal 4-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 ensure an operator-friendly handling of the machine as well as an excellent and uncomplicated integration and linkage.



Highest corner strength

The parallel thrust function of the welding slides improves the corner strength.



Minimum production stop

The teflon quick-change system allows for a minimum production stop without having to remove the heating element.



High flexibility

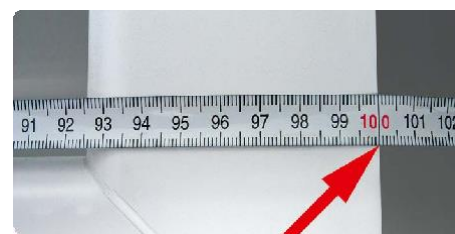
The sophisticated arrangement of the adjustment plate and the heating element allows for big contact surfaces for complicated profile cross-sections.

PVC-welding in a new dimension



Optimal efficiency

The optional double welding* ensures an optimal utilization of the machine's capacity and of your production space.



No rework

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



Decent corner cleaning results

The automatic crush slit adjustment* of 0.2 mm or 2.0 mm, selectable via PC without set-up times or mechanical adjustment jobs allows for proper corner cleaning results.



Enormous time saving

Gasket welding* saves working time: Gasket moulder and down-holding device ensure optimal results when welding profiles with gaskets.

*optionally available