

With the horizontal four head welding machines AKS 6605 and 6610 we developed for you a very flexible high quality series of machines which 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

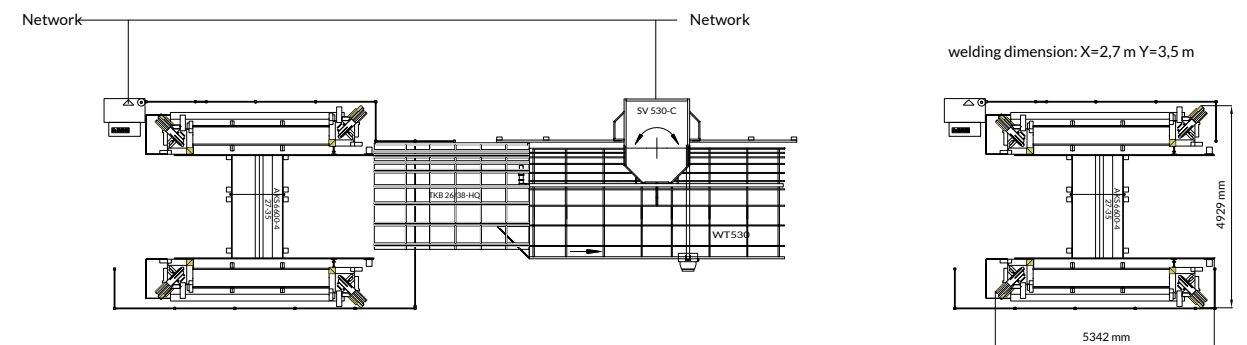
elements. An electronic pressure valve and a temperature regulator controlled via PC are optionally available. This provides the advantage that the working pressure for welding and joining as well as temperature change automatically as soon as other welding parameters are called (can also be controlled through data connection). 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 (no position control). All machine models are equipped with an integrated outfeed for transfer into the cleaning machine.

# AKS 6600

## Horizontal 4 -Head Welding Machine



### Technical information



approx. 3000 kgs at 27/25  
approx. 3300 kgs at 27/35  
each without special units



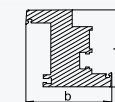
230/400 V, 50-60 Hz  
L1-L2-L3-N-PE  
9 kW, 18 A



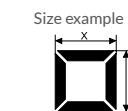
7 bar



Air consumption per cycle  
90 Liter



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



| Size example | 27/25   | 27/35   |
|--------------|---------|---------|
| X max :      | 2700 mm | 2700 mm |
| X min :      | 390 mm  | 390 mm  |
| Y max :      | 2500 mm | 3500 mm |
| Y min :      | 330 mm  | 330 mm  |

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

Product data sheet  
AKS 6600-4  
01/22 PR40132

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# AKS 6600

Horizontal 4-Head Welding Machine

**U-R-B-A-N**

Trust. Right from the start!



## Operator-friendly

The IPC control with high-grade colour screen and possible online connection ensures an operator-friendly handling of the machine and 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

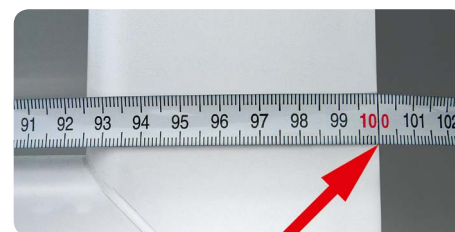
The sophisticated arrangement of the adjustment plate and the heating element stands for big contact surfaces for complicated profile cross-sections.

## PVC welding in a new dimension



## Optimal efficiency

The double welding option\* allows for 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 cleaning results.



## Enormous time saving

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

\*optionally available