

**Our know-how - your advantage**

With the vertical 4-head welding machine AKS 1860, we developed for you an extremely flexible high-quality machinery series that optimally meets your requirements.

**AKS 1860-xx/xx-2,0 with weld bead limitation of 2.0 mm**

**AKS 1860-xx/xx-0,2 with weld bead limitation of 0.2 mm** (provided with heated squeeze plates and stainless steel knives)

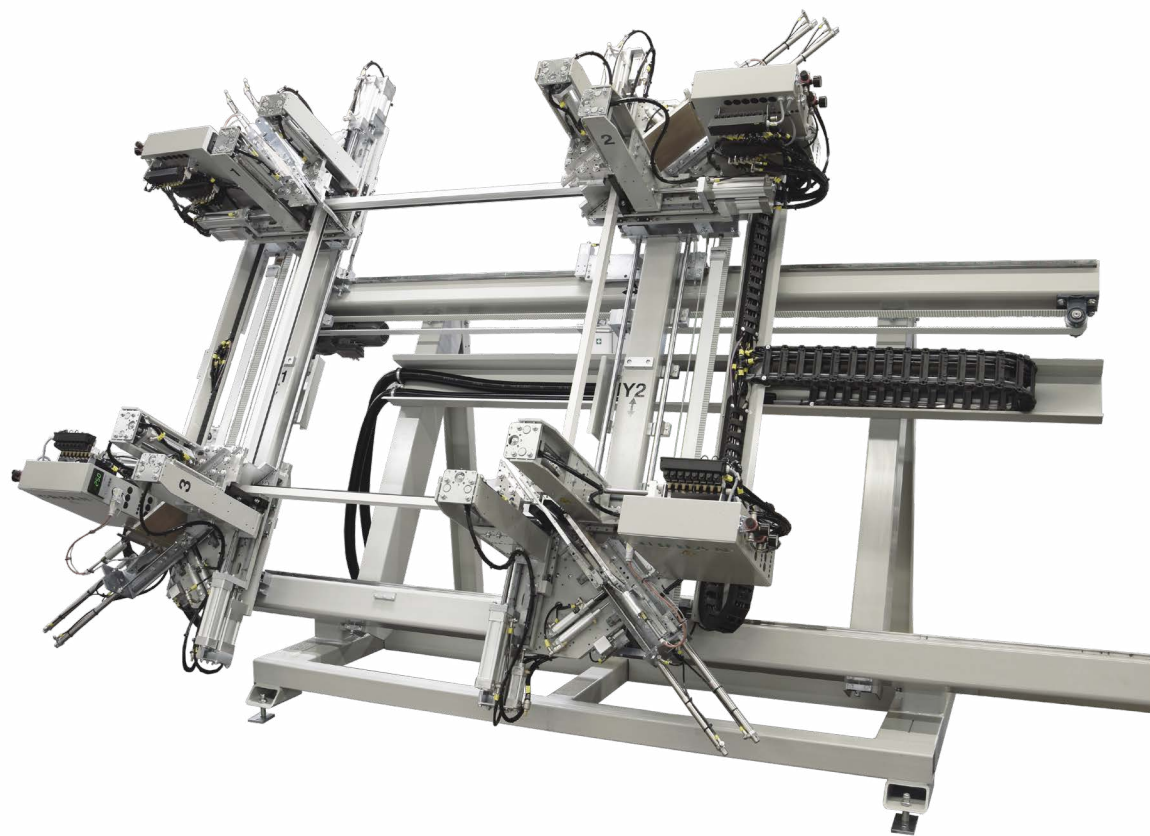
All structural components correspond to our high quality standard - so you can rest assured to produce reliably at any time. Easy access to the individual modules ensures quick and simple maintenance and cleaning of the machine.

A big advantage for operator convenience is the release of the clamping slides. This function allows for trouble-free and ergonomic profile insertion - even of smallest elements. All parameters such as welding temperature, heating time, melting pressure, joining pressure and joining time can be individually

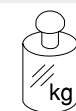
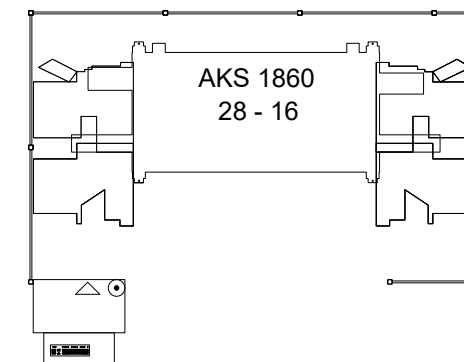
adjusted so that an optimal adaptation to the different profiles is ensured. The welding temperature is continuously monitored by perfectly synchronized temperature regulators and heating elements. The melting time automatically adapts to the different profile cross sections. Flexibility is also ensured by the integrated frame limitation of 40-200mm. Precise positioning of X-Y axes is done electronically through servo motors being disconnected during the welding process (no position control).

# AKS 1860

## Vertical 4-Head Welding Machine



### Technical information



approx. 1800 kgs



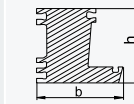
230/400 V, 50-60 Hz  
L1-L2-L3-N-PE  
7 kW / 16 A



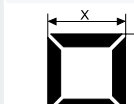
7 bar



air consumption per cycle  
92 litres



h min. = 40 mm  
h max. = 200 mm  
b max. = 150 mm



X max. = 2800 mm  
X min. = 330 mm  
Y max. = 1600 mm  
Y min. = 330 mm

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

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Product data sheet  
AKS 1860  
01/22 PR 40322

# AKS 1860

Vertical 4-Head Welding Machine

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

Trust. Right from the start!

## Operator-friendly

The IPC control with high-quality colour monitor and online connectivity ensures an operator-friendly handling of the machine as well as an excellent and uncomplicated intergration and linkage.

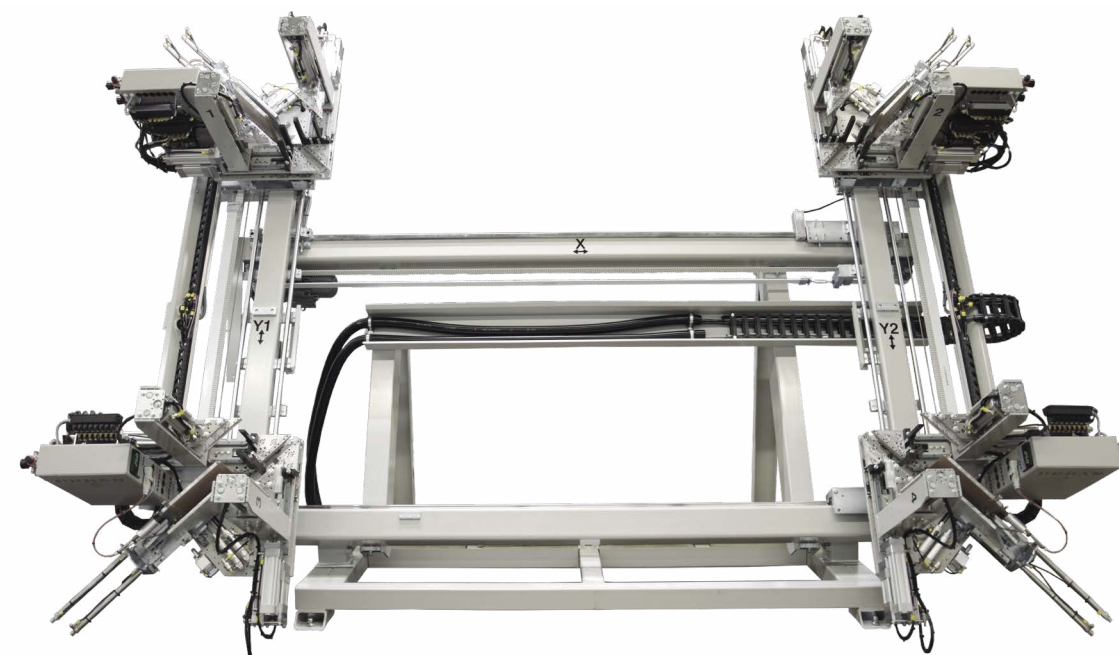
## Minimum production stop

The teflon quick change system allows for changing hot teflon with only a minimum production stop without removal of the complete heating element.

## Decent cleaning results

The automatic crush slit adjustment\* of 0.2 mm or 2.0 mm selectable on PC without set-up times or mechanical adjustment work is the guarantee for best cleaning results.

## PVC welding in a new dimension



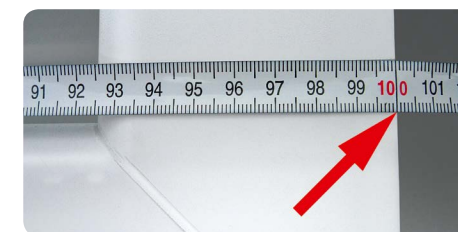
### Maximum corner strength

Corner strength is improved through parallel thrust procedure of welding slides.



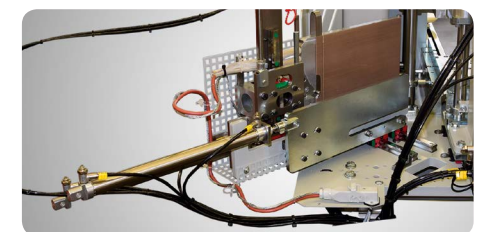
### Optimal efficiency

With the double welding\* option, you optimally use the capacity of your machine and of your production space.



### No reworking

With the compensation welding\* method, you can compensate length tolerances of profilebars. Soreworking of supplementary profiles is no longer necessary.



### Perfect results for HFL (TWL)

The optional equipment for Timber Window Look\* weldings provides the possibility of customer-oriented product solutions.

\*optionally available