

# AKS 4310

Double Head Welding Machine



Product data sheet  
AKS 4310  
01/22 PR40202

## Our know-how - your advantage

With the double head welding machine AKS 4310 you can weld two corner joints at an angle of 90° in one working cycle only. The AKS 4310 stands for a contemporary machine base concept combined with a consequent design focusing on efficiency.

### AKS 4310 with weld bead limitation (0.2 mm to 2.0 mm - please state when ordering)

The clearly arranged PLC control allows for simple and user-friendly handling. The good accessibility to components facilitates cleaning and maintenance of the machine. Another important feature for your production is the machine's flexibility and adaptability to different profiles. All parameters (e.g. heating-up and joining time, welding temperature, melting and joining pressure etc.) can be individually adjusted for each requirement.

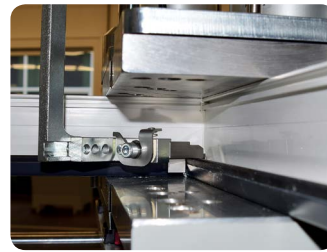
Due to the fact that the heating element enters the welding

area from the back, HFL (Timber Window Look) weldings are possible without any problems. Profiles with a height of up to 200 mm can be welded. The automatic weld head positioning allows for quick and exact profile insertion. Altogether, the AKS 4310 convinces with a clear and efficient handling and adapts to your production requirements in an optimal and reliable way.

The scope of delivery includes a set of back stops and support arms with movable support disks.

#### Optionally available (\*):

- machine bed extension up to 5 meters
- HFL (Timber Window Look) / Cube weldings
- reinforced and extendable support arms
- teflon feeder coil (not in conjunction with HFL and Cube)
- welding fixtures



### Technical information



approx. 850 kgs



230 V, 50 - 60 Hz  
3,2 kW / 14 A



6 - 8 bar



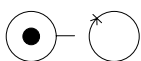
b max. = 150 mm  
h min. = 40 mm  
h max. = 200 mm



max. = 2650 mm  
min. = 320 mm  
(standard version)



welding angle 90°



air consumption per cycle:  
approx. 79,4 l

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

### Excellent flexibility

As an option, the gasket moulder\* or down holding device\* allows for optimal machining of profiles with gasket. On the picture you can see a gasket stamp adapted to the profile.



### Minimum production stop

The teflon quick change system ensures a teflon change with only a minimum production stop without removal of the complete heating element.

Urban GmbH & Co. Maschinenbau KG

Dornierstraße 5  
DE - 87700 Memmingen  
Tel.: +49 (0) 8331 858 - 0  
E-Mail: urban@u-r-b-a-n.com  
www.u-r-b-a-n.com

Subjects to errors and modifications