

# AKS 1900 H

## Horizontal 4-Point Vinyl Welding Machine



# Horizontal 4-Point Vinyl Welding Machine

- Economic horizontal four point welder for vinyl window frame or sash profiles
- Weld seam limitation to 2.0 mm / 0.078". Optional 0.2 mm / 0.00078" tight pinch possible with special features
- Available in left-hand fixed or right-hand fixed configurations for flexible line layout
- Standard parallel welding
- Flexible fixture configurations include standard quick-change system, optional clamping tower assembly
- Welding heads driven on strong linear ball rail system
- Ease of maintenance features include accessible and numbered components, real time temperature monitoring, maintenance menu with full self-diagnostics
- Heads closest to the operator are fixed and insertion on heads furthest from the operator can be changed based on frame height for ergonomic loading and unloading
- Tool-less quick change fixture and Teflon systems (fixtures quoted separately)
- Includes, 15" Touch screen industrial PC with Windows XP user interface
- Data input via manual keypad entry or download USB stick or network connection
- Bar code reading available on request



## Technical Specifications AKS-1900H

	IMPERIAL	METRIC		IMPERIAL	METRIC
<b>Main Power Voltage</b>	400 VAC	400 VAC	<b>Machine Weight</b>	<i>(See Table Below)</i>	
<b>Power Output</b>	9.5 kW	9.5 kW	<b>Min. Outside Sash Width (w/o unloading)</b>	13.00"	330 mm
<b>Current</b>	21 A	21 A	<b>Min. Outside Sash Width (w/o double-stack unloading)</b>	17.30"	440 mm
<b>Air Pressure</b>	90 psi	6 bar	<b>Profile Height (min)</b>	1.38"	35 mm
<b>Air Consumption Per Cycle</b>	1.59 CF	45 L/sec.	<b>Profile Height (max)</b>	Unlimited depending on clamping method	
<b>Machine Dimensions (LxW)</b>	<i>(See Table Below)</i>				

Model	Max. Outside Sash Size (X x Y)	Machine Weight
18/27; WIPC15; CH200	70.8" x 106.3" (1800 mm x 2700 mm)	6,614 lbs. (3,000 kg)
27/27; WIPC15; CH200	106.3" x 106.3" (2700 mm x 2700 mm)	7,055 lbs. (3,200 kg)
27/40; WIPC15; CH200	106.3" x 157.4" (2700 mm x 4000 mm)	7,937 lbs (3,600 kg)
35/27; WIPC15; CH200	137.7" x 106.3" (3500 mm x 2700 mm)	7,496 lbs (3,400 kg)
40/27; WIPC15; CH200	157.4" x 106.3" (4000 mm x 2700 mm)	7,937 lbs (3,600 kg)

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