# AKS 1900V
4-Point Vinyl Welding Machine
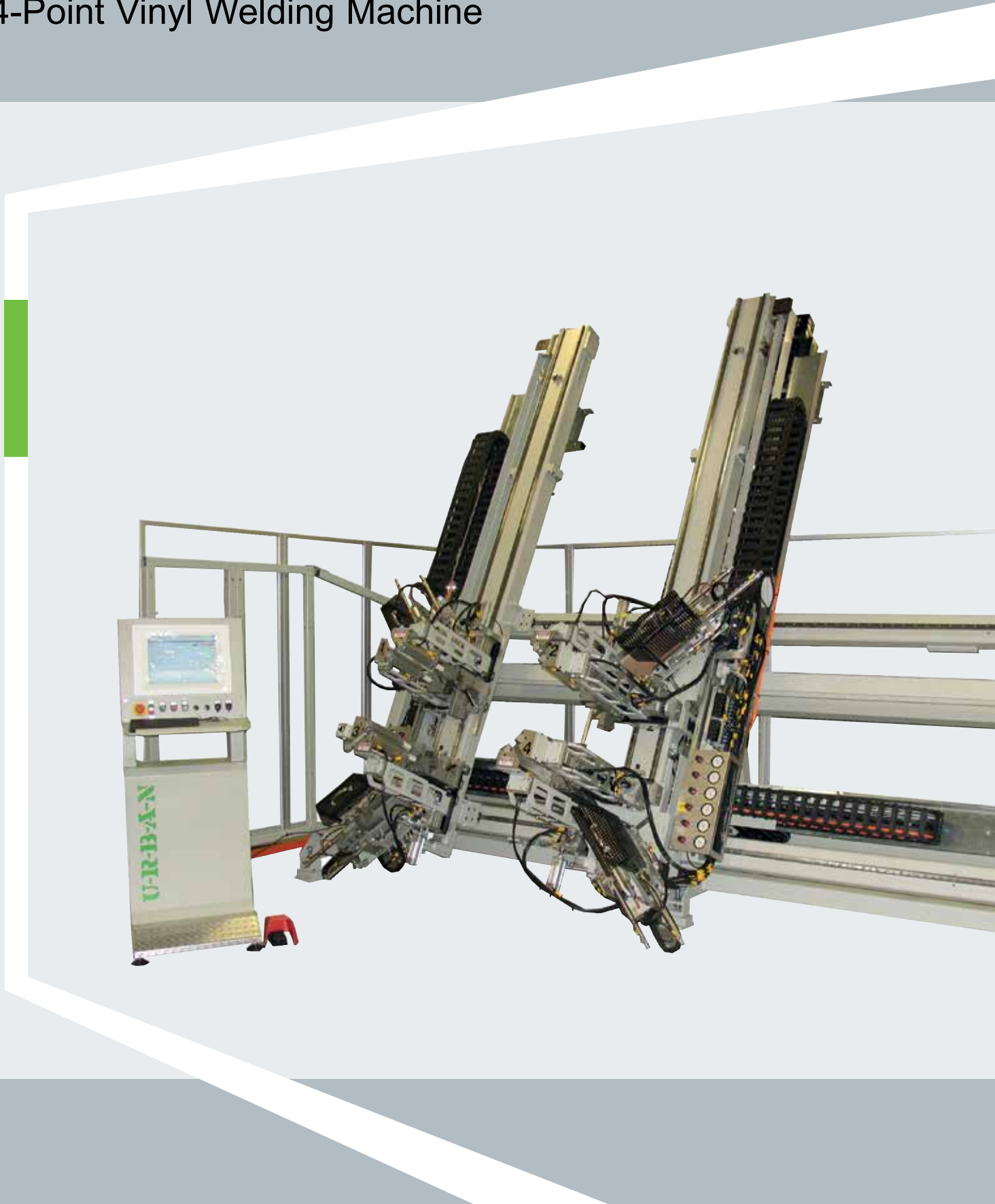
4-Point Vinyl Welding Machine

- Configured with four right angled welding heads in a vertical configuration
- Welding heads are positioned with a precision motion control system
- Industrial control system for machine operation and a 5.7" Power Panel Interface for HMI
- Dust-proof touch screen interface is easy to maneuver with status messages
- Data can be accessed through a USB connection on the front of the panel, memory for daily or weekly production
- Job entries can be read via bar-code, 2x USB, 1x RS232/RS422/RS485, and 1x Ethernet (10/100) for online operation
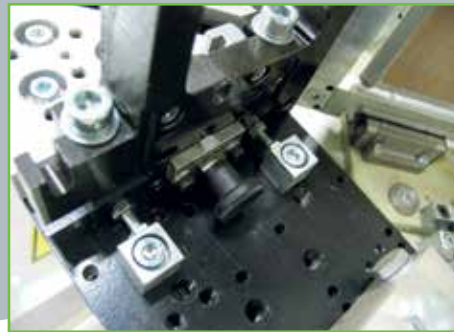
- Weld seam limitation is 2.0 mm (079")
- Digital controlled temperatures (UTR320)
- Features back stops, vertical profile insertion
- Machine is a manual load and manual unload only
- Machine is not capable of tilting or automatic unloading
- Quick change weld fixture system (custom weld fixtures NOT included)
- Parallel welding along with inline centering plate and heater plate for sash welding
- Bottom welding heads are fixed allowing easier profile loading for operators of any height

Technical Specifications AKS 1900V

	IMPERIAL	METRIC		IMPERIAL	METRIC
Main Power Voltage	400 VAC	400 VAC	**Machine Dimensions (LxW)**	150"x 132"	3,810mm x 3,353mm
Power Output	10.5 kW	10.5 kW	**Machine Weight**	4200 lbs	1,905 kg
Current	21 A	21 A	**Outside Sash Width (min)**	11" x 12.2"	280 x 310mm
Air Pressure	101 psi	7 bar	**Outside Sash Width (max)**	63" x 63"	1600 x 1600mm
Air Consumption	2.12 ft^3 @ 87 psi	60 L @ 6 bar	**Profile Height (min)**	TBD	TBD