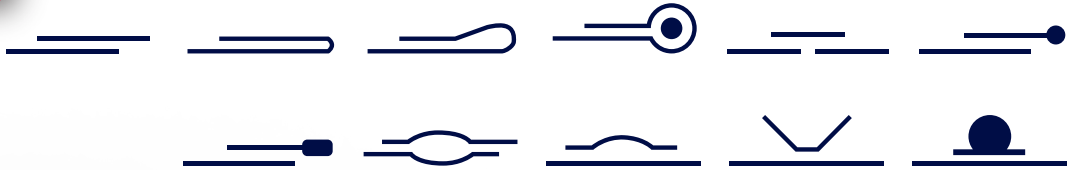


# SM-210-SA

Flat, strong & durable seams



Total speed & motion control

Welding technologies can be installed simultaneously

Solid machine structure

Double control panel

Intelligent Torque

Watch the video to discover more





## Tools & Accessories

- / Guides and welding wheels for overlaps
- / Guides and welding wheels for hems and pockets
- / Guides and welding wheels for reinforcing strips
- / Zipper welding tool kit
- / Omega welding tool kit
- / Torque controlled welding wheels
- / Cooling system for welding wheels
- / Laser pointer for fabric alignment
- / Optional system for the extraction of welding smoke

## The Linear Welding Machine

With its sturdy design and enlarged work surface and under arm space, the SM-210-SA is the ideal solution to weld and glue large and very large fabric panels. Ideal for pergolas, awnings, blinds, swimming pool and other covers, marquees, tents, shade sails or other large products, the SM-210-SA creates pockets, overlaps and hems, and can quickly and automatically apply zippers, keders, omega or anti-drip profiles. The result is a high-end, durable product of excellent quality.

The SM-210-SA installs hot air for thermoplastics and liquid glue technology for acrylics and polyester fabrics, installable individually or simultaneously on the machine, to ensure great versatility of applications. For non-coated acrylics, a polyamide glue is used. For Teflon-coated fabrics the SM-210-SA installs a system for polyurethane glue.

Besides the standard welding settings such as air or glue temperature, speed of the welding head, turning speed of the welding wheels, and wheel pressure, we added a key parameter: the torque of the welding wheels – in other words, the force with which the wheels pull the fabric under tension. **The patented Intelligent Torque technology** digitally controls and adjusts the fabric tension during the entire welding cycle and ensures seams of the highest quality, flat and very strong. The **floating welding wheels** make sure the pressure on the layers that are bonded together is exactly right and does not change even when they encounter obstacles such as previously created pockets or overlap seams.

With its array of settings, multiple technologies, and wide range of welding tools and accessories, the SM-210-SA delivers **exceptional productivity, outstanding efficiency and unique, professional products of the highest quality.**

### Description

### SM-210-SA

Usable welding length	up to 20 m
Speed	up to 10 m/min.
Technologies	Hot air - Liquid glue Hot air with glu tape

## Applications



Awnings



Blinds



Pool covers



Industrial doors



Pergolas



Tension structures



Shade sails



Advertisement banners

# SM-230-SA

Strong seams. Easy to operate.

**3** different configurations

Horizontal post



Swivel arm



Table



Contact us to  
discover more



# The SM-230-SA

Leveraging on more than 20 years of experience in developing automated solutions for industrial hot air welding, Cutting Edge Automation introduced the all-new, powerful SM-230-SA FlexWeld.

The FlexWeld welding machine is engineered to make complex welding jobs easier. It is optimized for the creation of products such as inflatables, containment booms, duct pipes and ventilation tubes, gazebos, PVC covers, even truck curtains.

Ideal for manufacturers who need to perform continuous welds on thermo-plastic industrial textiles and films, the SM-230-SA FlexWeld welding machine is the result of our dedication to continuous research and development.



Overlaps



Hems



Pockets



Pockets with rope



Keders



Custom

## Applications



Advertisement banners



Agricultural covers



Athletic mats



Containments booms



Conveyor belts



Duct pipes & ventilation tubes



Evacuation slides



Geomembranes



Industrial doors



Inflatables



Keders



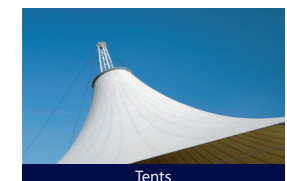
Pool covers



Shelter structures



Tarpaulins



Tents

## Tools & Accessories

- / Hot air welding head with 3,6 kW heating element
- / Hot air welding head with 8 kW heating element for high-speed welding
- / Rotasonic (ultrasonic) welding head with welding surface up to 28 mm
- / Guides and welding wheels for overlaps
- / Guides and welding wheels for hems and pockets
- / Guides and welding wheels for keders and anti-vandalism belts
- / Torque controlled puller wheels
- / Feeding conveyor for XL and heavy fabrics

## Technical Specifications

### Description

### SM-230-SA

Seam widths	10 - 50 mm
Welding speed	Up to 35 m/min.