



## VETRON 5064//5164

### ULTRASONIC WELDING MACHINE WITH UNIQUE FEATURES

The ultrasonic approach has developed as forward looking method for the connection of thermoplastic, innovative and technical materials.

For the connection of technical (weldable) materials, such as protective clothing made of TYVEK, car covers for transport, medical mattresses and pads, clean room clothing, filter, sports gear, etc., an innovative ultrasonic welding machine is indispensable, in order to guarantee the best possible resistance of the welding seam.

The VETRON 5064 and 5164 (longarm version) with its worldwide unique selling features emerges as the perfect partner for ultrasonic welding techniques.

The calibrated height sensor measures the distance between anvil and sonotrode wheel over the entire perimeter. This ensures an exact concentricity and leads to a perfect welding seam with steady quality. After finishing the distance- and concentricity-calibration, the accuracy of the concentricity is shown on the display. VETRON offers two sonotrodes made of hardened steel and titanium.

The detachable display/panel guarantees a high process security, since no program or parameter change can be made when removed. Programs can be changed or uploaded to the machine via an USB Slot.

### OTHER FEATURES

- » Programmability of all welding parameters and thus reproducibility
- » Equipped with differential feed; separate drive for sonotrode and anvil wheel; that means smooth, non-distorted seams or the possibility of adding a some fullness
- » Up to 199 programs can be created
- » welding speed adjustable from 0,5 mtr./min. up to 40,0 mtr./min. in 0,1 mtr./min. steps
- » the anvil wheel size of 45 mm diameter allows for better visibility and better handling, especially in curves. Alternativ 25 mm diameter is also available for extreme small curves and edges
- » electronic hand wheel to turn the anvil + sonotrode, to proceed forward-backward
- » electronic button in the handling sector for short seam sections with opposite direction of welding (rotation)
- » Button in the action area for 2- power stage
- » Security key and button wheel change button in the handling sector
- » easy selection of different languages in panel
- » optional: electronic rear Puller
- » standard clearance under the arm with 350 mm and a long arm version with 680 mm

