



The Strong Ones



# Dynamic 3000 Series

**Ultrasonic welding machine 20 kHz**

The ultrasonic welding machine Dynamic 3000 Series is suitable for welding operations of thermoplastic parts from medium to large size.





- Can be calibrated
- Highest repeatability with process optimized force profiling
- Suitable for validation
- Can be housed in sound enclosures SSK and is suitable for the assembly into special purpose machines
- High process reliability

## Specification Dynamic 3000<sub>Series</sub>

Operating frequency:	<b>20 kHz</b>
Safety:	This ultrasonic welding machine conforms to <b>CE</b> standards and thus corresponds to the European safety requirements
Switches:	Two-hand start. EMERGENCY STOP is at the front
Drive type:	Pneumatic double acting cylinder Ø 80 mm
Drive energy:	Compressed air supply: 7 bar maximum 6 bar nominal Maximum consumption at 6 bar: approx. 8 lt.n/stroke
Maximum force:	3000 N at 6 bar compressed air
Maximum stroke:	100 mm
Weight:	115 kg without generator
Throat depth:	220 mm from the centre line of the horn to the column
Height adjustment:	280 mm using height adjusting mechanism
Generator:	<b>ACU20-2000/3000</b>

Additional technical information available on request.



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