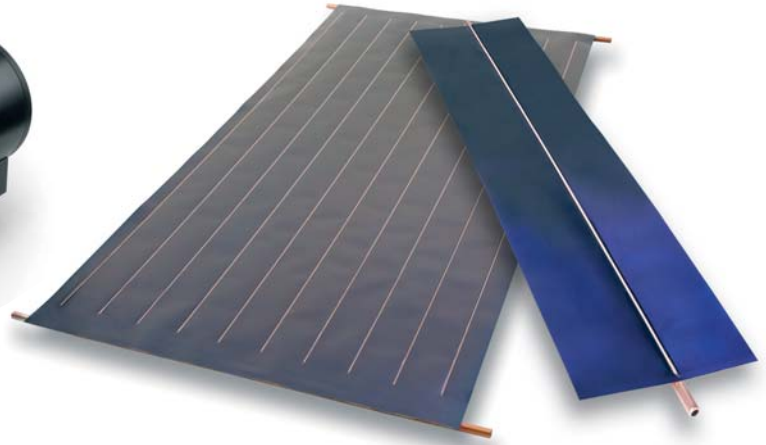




STAPLA Ultrasonic Welding Systems RM-20

RM-20

STAPLA Ultrasonic Welding Systems



20 kHz Ultrasonic Seam Welder Module

Applications

Solar- and packaging industry
(Al- and Cu-foil, special material on request)

Examples of the solar industry:
tube \varnothing 6 - 15 mm, wall thickness 0.4 - 1.5 mm
Absorber foil thickness 0.12 - 0.6 mm

Technical Data

Weld speed	more than 30 m/min
Frequency	20 kHz
Ultrasonic power	3000 W
Supply voltage	230 V AC \pm 13 %, 50/60 Hz
Air supply	min. 6.5 bar (dry and clean air)
Max. weld force	1100 N
Drive	DC-servomotor with tooth belt
Machine weight	approx. 21 kg
Toolings	rotating sonotrode \varnothing 50-70 mm
Control	ultrasonic generator and micro-processor integrated in 19" rack (PLC interface)

Motor control with servo (optional)

Mounting of oscillating system \varnothing 90 mm

Cooling of oscillating system with air flow

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