

compact**precise****ecologic****Electric driven Actuators for
20 and 35 kHz Ultrasonic Weldings**

Conceived for easy adaptation in customer specific welding systems with userfriendly interfaces.

Compact design and small outline dimensions for easy installation in welding machines and special machinery.

Attachment at the machine frame either from front or from rear side; possibility of centering and angular orientation.

„Plug and play“ concept with cable outlet (RF-power, signals and motor) on the back / lateral sides of the actuator.

Precision guides and proven drive components guarantee repeatable weldings.

Easy set-up procedure and production monitoring with a 5.7" touch screen. Intuitive weld process management with password protection and production counters.

Coordinated accessories and additional software available.

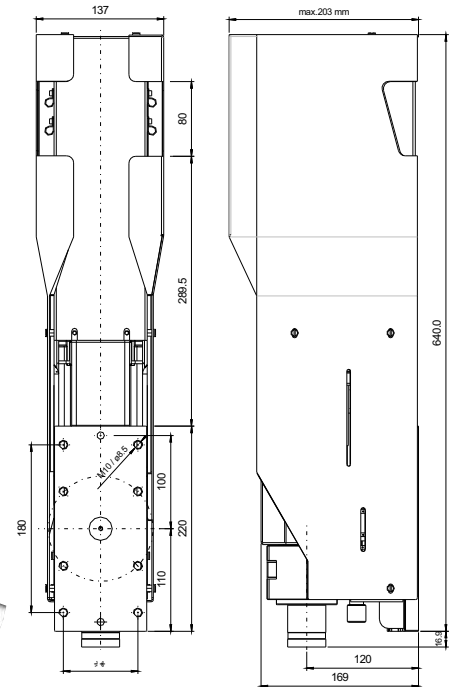
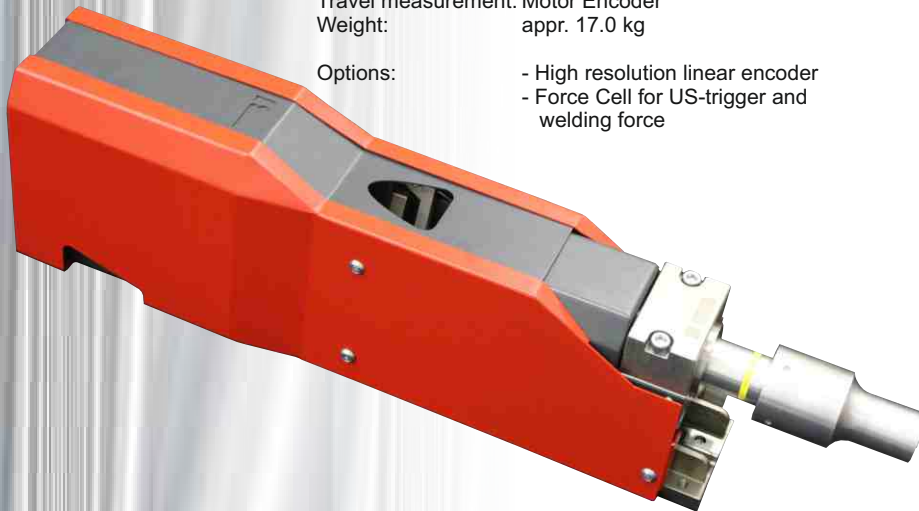
Ecologically sustainable through lower energy requirement for operation.

your next ultrasonic welding system!

ESPA 20-100

Frequency: 20kHz
 Stroke max.: 100mm
 Force max: 1800N
 Velocity max: 100mm/sec
 Travel measurement: Motor Encoder
 Weight: appr. 17.0 kg

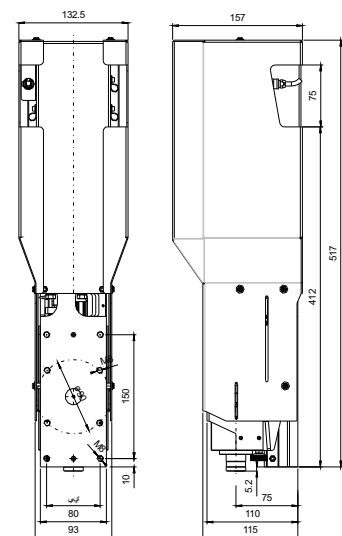
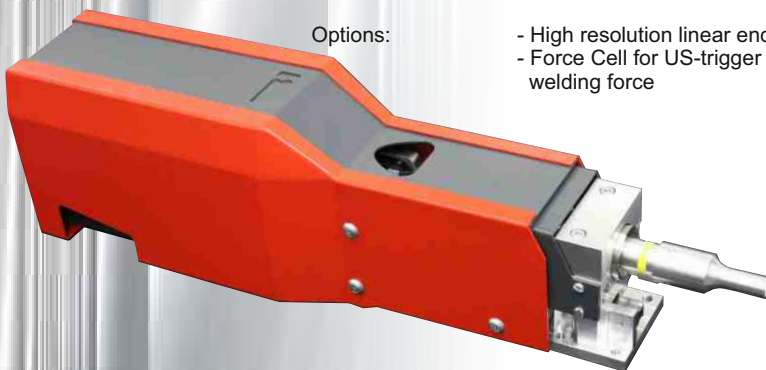
Options: - High resolution linear encoder
 - Force Cell for US-trigger and welding force



ESPA 35-100

Frequency: 35kHz
 Stroke max.: 100mm
 Force max: 700N
 Velocity max: 130mm/sec
 Travel measurement: Motor Encoder
 Weight: appr. 10.0 kg

Options: - High resolution linear encoder
 - Force Cell for US-trigger and welding force



US-Generator / Controller: UCS 3520

35kHz: 400/600/900W
 20kHz: 1000/1500/2000/3000 W
 Weight: 19.0 kg
 Dimensions: 292x495x312(H) mm

Options: PLC Software according to customer specific application.

