

HIGHSPEED WELDING SYSTEMS

SpeedLine

# SpeedGun Fastener

## Nut and bolt welding gun



### Resource-efficient

- **Energy-efficient** thanks to servo-motor drive
- **Sustainable** due to reusability and conversion to different fastening elements (nuts, bolts, etc.)
- **Low maintenance:** Condition-optimized maintenance according to the usage of the drive



### Process optimized

- **Optimized internal resistance / optimum current rise:** also for short-time resistance welding of joining elements with MF technology, e.g. press-hardened steels
- **Fast Response:** Fast closing movement / fast force build-up
- **Optimum settling behavior** and full control thanks to integrated sinking depth monitoring

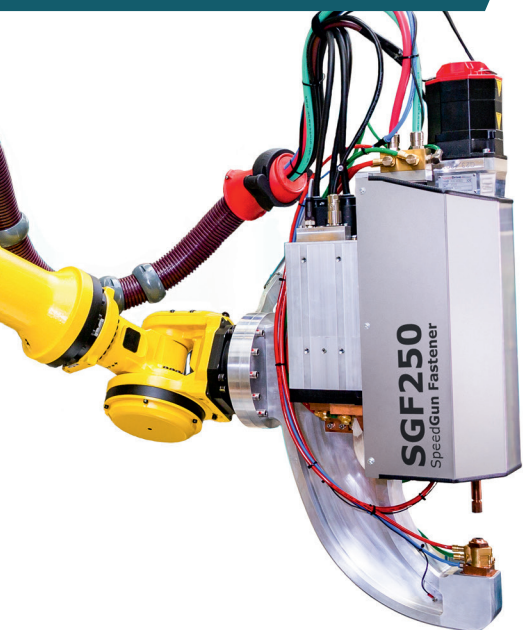


### Flexible

- **Flexible mounting** on the robot, on the SpeedFlex or on a pedestal
- **Variable for alternative use:** Conversion to SpeedGun is possible

## SpeedGun Fastener SGF250 / SGF500

Nut and bolt welding gun



### Our welding components are always an integral part of a system solution

#### Benchmarks in the market.

The SpeedLine components from LEWA Attendorn set standards for efficiency, speed and low maintenance. They develop these, embedded in a system solution.

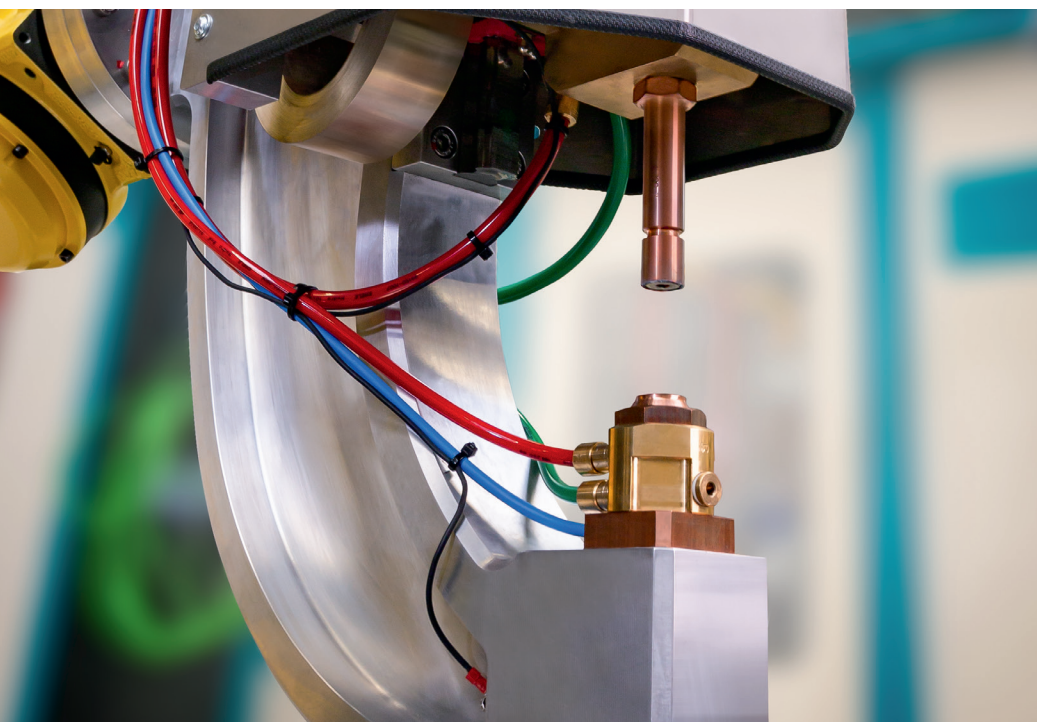
#### Profound German Engineering.

The layout of the system solution is not a mere stringing together of components; it is rather about answering many questions: selecting the right process, accelerating the work steps, maximizing the degree of automation with a minimum of personnel, safeguarding the

process with maximum availability and much more. This is where the perfect interplay of experience, know-how, specialists and high-tech make the decisive difference.

The components **SpeedGun Fastener SGF250** and **SGF500** fit seamlessly into the environment of our Fastener system solutions.

Technical data	SpeedGun Fastener SGF250	SpeedGun Fastener SGF500
Mounting type	mobile and stationary	mainly stationary
Transformer	MF welding transformer	
Nominal power	250 kVA (at 20% duty cycle)	500 kVA (at 20% duty cycle)
Electrode force	1,200 daN	1,500 daN
Drive	integrated as 7th axis in robot controller	
Weight	120 kg	200 kg
Dimensions W × D × H	529 × 296 × 1,083 mm	635 × 433 × 1,418 mm
Feeder technology	incl. integrated feeding of nuts and bolts	
Possible extension	use of tool change system for robot assembly	



More  
Information



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