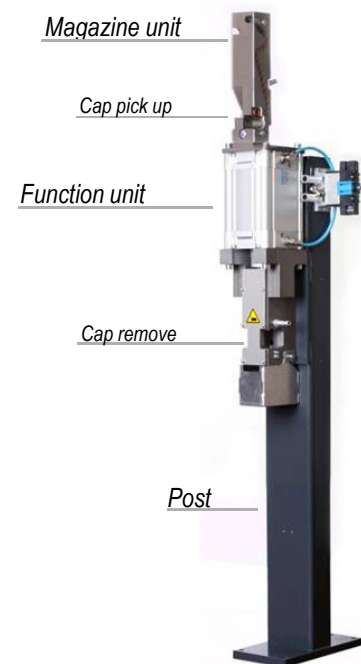


FFT Electrode Cap Changer (FFT EKW)



Technical data	
Height	1580 mm
Width	300 mm
Depth	400 mm
Height cap pick up LH/RH	1300 mm/1329 mm
Height cap remove	750 mm
Weight	50 kg
Compressed air	min. 5 bar, max. 10 bar
Rated voltage	24 V
Capacity of magazine	18 caps per side
Cycle time of change per gun	approx. 20 sec
Distance cap to shaft	min 2,5mm, max 5,5 mm
Min. electrode distance	40 mm
Electrode cap	Standard F16-F20, others on request
Through holes in the post, the functional unit including magazine unit is high adjustable.	3x in the grid of 110 mm

Benefits	
▪ Increase of the availability and productivity	
▪ Cost savings due to reduced wear electrode shafts	
▪ Change on different shafts	
▪ Change caps with special geometry	
▪ Minimal space requirements	
▪ Short time for change	
▪ Easy to program the change process	
▪ Easy to fill the magazine with caps	
▪ Optional: Integration tip dresser → Change-tip dresser combination unit (FFT WFK-S)	



Description

The FFT EKW enables a frictionless automated change of used resistive spot welding electrodes. The system is designed that a minimal required space is combined with optimal accessibility for robots.

The FFT EKW loosens the electrode cap by a linear-wedged slider which retracts between electrode cap and the collar of the electrode adapter.

The change of the electrode cap is one after another without reorientation of weld gun. The cap magazine is arranged in the same direction as the function unit. The removed cap falls in a basket. The filling level in the cap magazine is scanned by inductive sensors, also if the cap is available or removed.


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