



CONFIGURATION OPTIONS

The MFP1 and MFP2 weld heads are designed to be used in combination with the AWS3 from MIYACHI PECO. Please find more details in the Technical Data Sheet of AWS3.

MFP1, MFP2 for AWS3 Weld Heads

The MFP weld head series is a servo driven weld head technology designed to be used with the Active Welding System 3. Both products have an integrated displacement measuring system, rapid control response and outstanding dynamic response. Both weld heads deliver outstanding weld process stability and consistent reproducibility

Thanks to their floating bearing with locking cylinder, their outstanding follow-up properties and their short welding times the MFP weld head series is designed for a wide range of resistance welding applications. Maximum reliability and ease of maintenance generate an outstanding cost of ownership and a very long product life in operation.

TYPICAL APPLICATIONS





Electro

Electro





Medical

Automotive





Automotive

Automotive

TECHNICAL SPECIFICATIONS

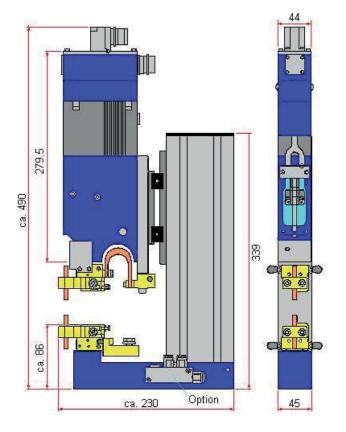
TECHNICAL OF ECH TOATTONS							
	MFP2	MFP2-A	MFP1	MFP1-A			
Configuration	Servo mot	Servo motorised weld head with stand and quick-change electrode system; MFP-A versions are without a stand.					
Closing stroke		Servomotor-driven					
Welding pressure		Servomotor-driven					
Weld force max	150 –	150 – 600 N		50 – 200 N			
Weld force adjustment		Via NC control unit					
Electrode shape	Locked, cylindrical, top	and bottom d = 10 mm	Locked, cylindrical, top and bottom d = 6 mm				
Electrode holder		Quick change holder with anti-torsion protection					
Max electrode stroke		25 mm					
Secondary cables	4x95 mm²,	700 mm long	2x95 mm ² ,7	700 mm long			
Environment temp.		0-40 °C					
Cooling		Water-cooled electrode holders					

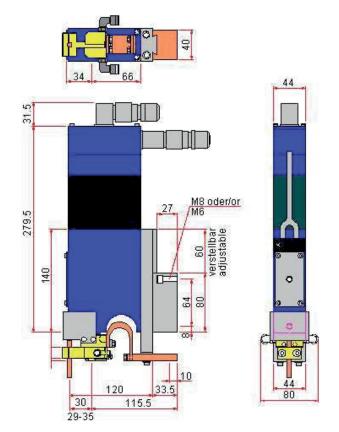
WEIGHT & DIMENSIONS

	MFP2	MFP2-A	MFP1	MFP1-A
Weight approx.	13 kg w/o secondary cable	5 kg w/o secondary cable	13 kg w/o secondary cable	4 kg w/o secondary cable
Dimensions (L x H x D)	230x490x50 mm	151x490x50 mm	230x490x45 mm	145x490x45 mm

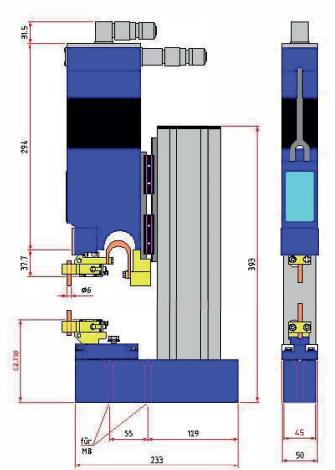
DRAWINGS

MFP1-A





MFP2



MFP2-A

