

FP200-Z - Weld Pincers for Automation

Thanks to the floating bearing with locking cylinder, the outstanding follow-up properties and their short welding times the FP-series weld pincers are designed for a wide range of resistance welding applications.

The weld pincer FP-series is designed for welding of materials which require accurate, reliable and reproducible welds continuously. The FP200-Z delivers outstanding weld process stability and consistent reproducibility.

Maximum reliability and ease of maintenance generate an outstanding cost of ownership and a very long product life in operation. The FP200-Z weld pincers are designed to be used in combination with a wide range of power supplies.

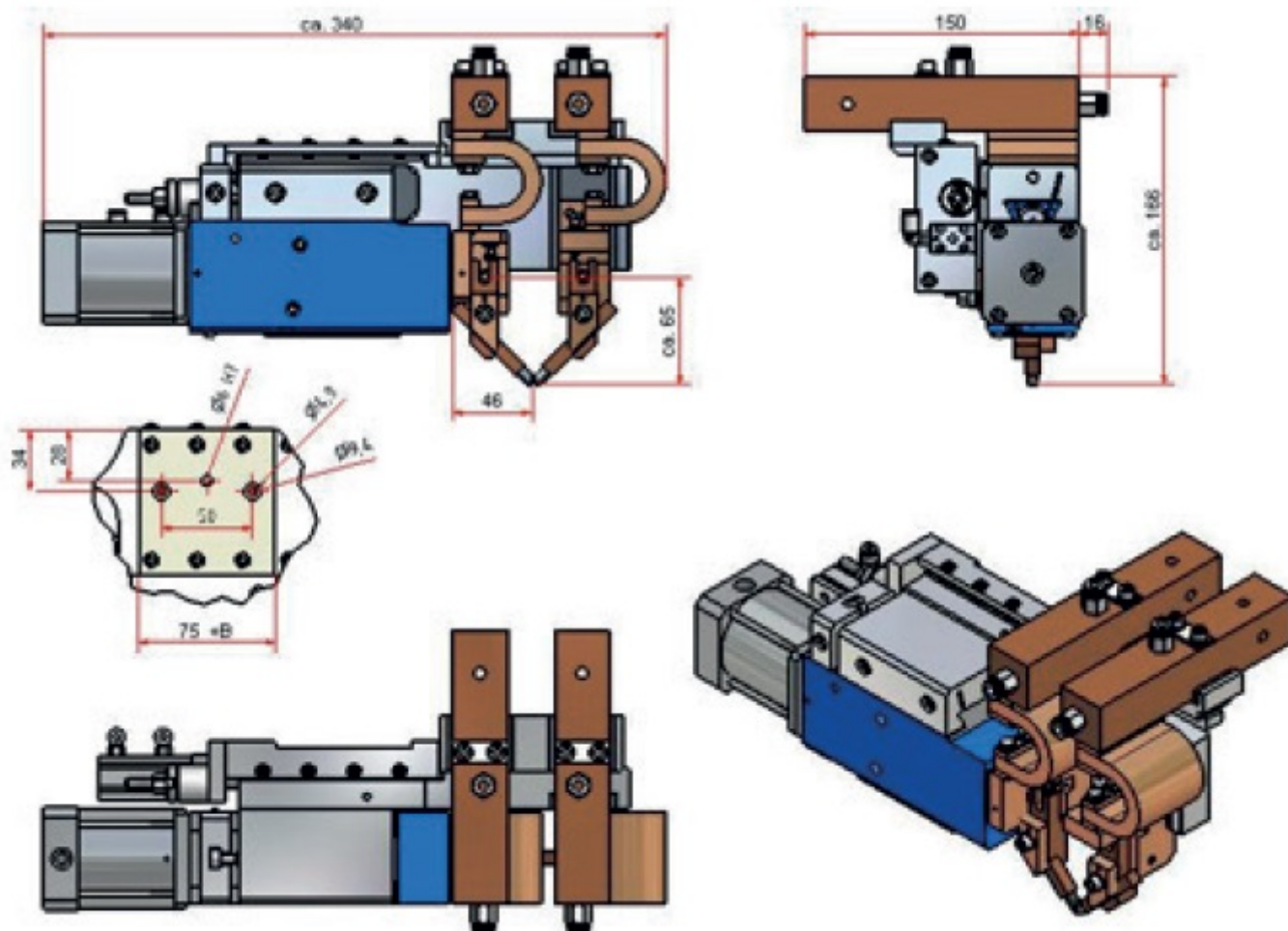
Key Features FP200-Z - Weld Pincers for Automation

- > Modular for easy integration for automation
- > Adjustable force-firing from 400 to 18000N
- > Fast follow-up
- > Optional horizontal mounting
- > Water-cooled electrode holders

Specifications FP200-Z - Weld Pincers for Automation

Model	FP190-Z	FP200-Z
Configuration	Weld pincer with float mounting for horizontal installation	Weld pincer with float mounting for horizontal installation
Maximum rating	Electric power limit	Electric power limit
Electrode stroke max	30 mm	30 mm
Closing stroke	Pneumatic	Pneumatic
Welding pressure	Pneumatic	Pneumatic
Weld force max	1100 N (options: 400 or 700 N)	3500 N
Air pressure supply	max. 6 bar	max. 6 bar
Weld force adjustment	Via adjustable pressure control or proportional valve	Via adjustable pressure control or proportional valve
Electrode shape	Square electrodes 7.5 x 7.5 mm	Square electrodes 7.5 x 7.5 mm
Electrode holder	Water-cooled quick change holder	Water-cooled quick change holder
Weld cables	2x300 mm ² , 700 mm long	2x500 mm ² , 700 mm long
Environment temp.	0-40 °C	2x300 mm ² , 700 mm long
Cooling	Water-cooled quick-change holder	Water-cooled quick-change holder
Transmitting heat	Heat dissipation	Heat dissipation
Legal approval	CE compliant	CE compliant
WEIGHT & DIMENSIONS - LEGAL APPROVAL		
Weight approx.	8,3 kg w/o secondary cable	20 kg w/o secondary cable
Dimensions (LxHxD)	340x185x166 MM	5778x217x179 mm

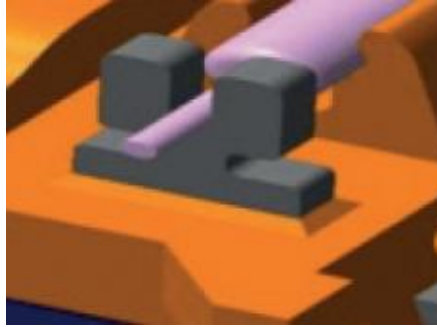
Drawings FP200-Z - Weld Pincers for Automation



Product applications FP200-Z - Weld Pincers for Automation



Connector



Electronics

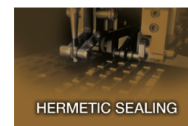


Weld coil

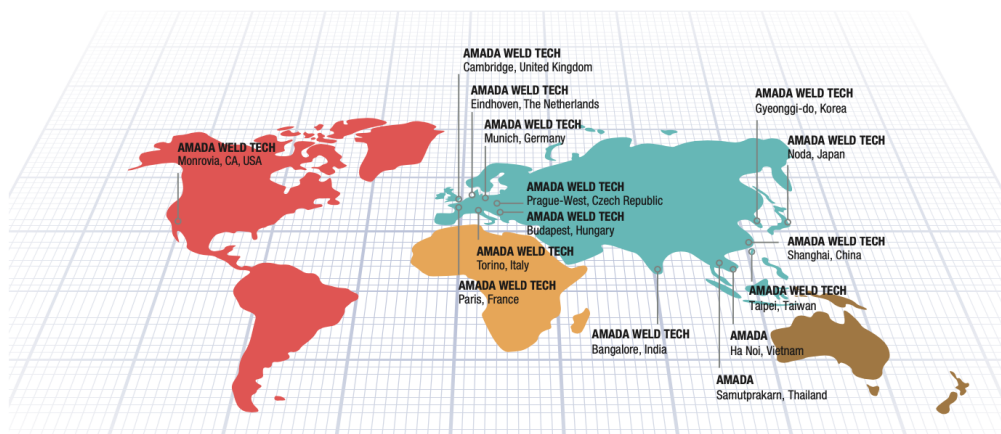
AMADA®

AMADA WELD TECH

OUR TECHNOLOGIES



OUR SALES OFFICES



AMADA WELD TECH GmbH
Lindberghstrasse 1 • DE-82178 Puchheim, Germany
T: +49 (0) 89 83 94 030 • Fax : +49 (0) 89 839403 68
info@amada-weldtech.eu • www.amada-weldtech.eu
ISO 9001 Certified Company

Please contact our worldwide
network here:



follow us on:



All data, images and text are subject to change at any time. AMADA WELD TECH GmbH reserves the right to change, modify, delete and add technical specifications and product details at any time without prior notification. © 2020 AMADA WELD TECH GmbH.

WWW.AMADAWELDTech.EU