

FZ1, FZA1, FZ160 Handheld Units

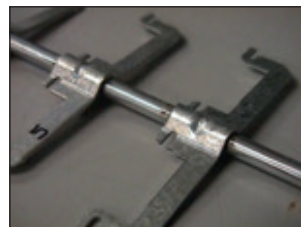
Amada Miyachi Europe offers five compact and easy-to-use handheld units designed to be used with MIYACHI PECO MHZ, MHZL or M2L power supplies.

All five units are compact, reliable, mobile and perfectly match the requirements of materials with good welding properties.

Maximum reliability and ease of maintenance generate an outstanding cost of ownership and a very long product life in operation.

The handheld units are designed to be used in combination with a MIYACHI PECO power supplies such as MHZ, MHZL or M2L. Please contact us for more details.

TYPICAL APPLICATIONS



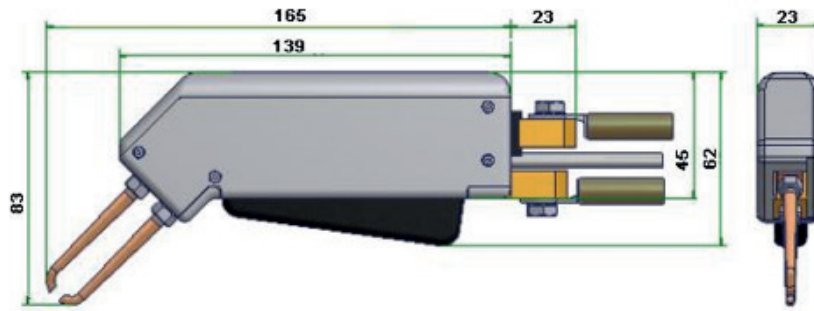
TECHNICAL SPECIFICATIONS

	fz1	FZA1	FZ160
Configuration	Handheld weld tweezer w/2 m cables	Pneumatic weld tweezer w/ 2 m cables	Pneumatic weld tweezer w/ 2 m cables
Power supply example	MHZ	MHZL	M2L
Nominal power	1 kVA at 50% d.r.	1,9 kVA at 50% d.r.	5 kVA at 50% d.r.
Max power rating	12 kVA	15 kVA	25 kVA
Short circuit current	max 3 kA	max 4 kA	max 6 kA
Electrode stroke max	3 mm	3.5 mm	4 mm
Closing stroke	Hand-operated	Hand-operated	With foot switch
Welding pressure	Hand-operated	Pneumatic	Pneumatic
Weld force max	50 N	15 to 160 N	200 N
Air pressure supply	n/a	max 6 bar	
Weld force adjustment	Via pre-tensioned spring	Via MHZL	Via M2L
Electrode shape	d = 6 mm	d = 4 mm	
Environment temp.	0-40 °C		
Cooling	Air cooled	Water cooled	

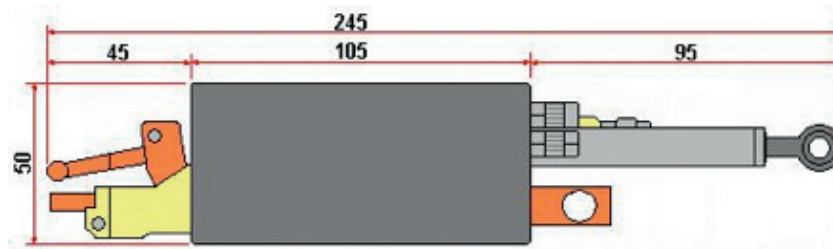
WEIGHT & DIMENSIONS

	FZ1	FZA1	FZ160
Weight approx.	0,3 kg	1,9 kg	0,8 kg
Dimensions (LxHxD)	see drawings on page 3		

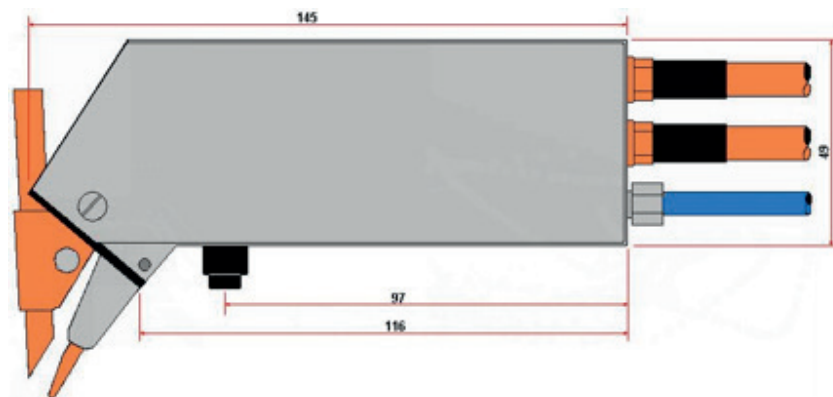
FZ1



FZ160



FZA1



Lindberghstrasse 1 • DE-82178 Puchheim, Germany
 T: +49 (0) 89 83 94 030 • Fax : +49 (0) 89 839403 68
 infode@amadamiyachi.eu • www.amadamiyachieurope.com
 ISO 9001 Certified Company



EUROPE

Amada Miyachi Europe BV
 Helmond, The Netherlands
 T: +31 (0) 492 542 225
 infoeu@amadamiyachi.eu

Amada Miyachi Europe Kft.
 Budapest, Hungary
 T: +36 1 431 9927
 infohu@amadamiyachi.eu

Amada Miyachi Europe
 Derby, United Kingdom
 T: +44 (0) 1332 361 238
 infouk@amadamiyachi.eu

Amada Miyachi Europe
 Saint Germain en Laye, France
 T: +33 (0) 139 046 430
 infofr@amadamiyachi.eu

Amada Miyachi Europe
 Torino, Italy
 T: +39 011 223 83 16
 infoit@amadamiyachi.eu

Amada Miyachi Europe
 Prague-West, Czech Republic
 T: +420 251 512 157
 infocz@amadamiyachi.eu

AMERICAS

Amada Miyachi America Inc.
 Monrovia, CA, USA
 T: +1-626-303-5676
 info@amadamiyachi.com

Amada Miyachi do Brasil Ltda.
 Sao Paulo, Brasil
 T: +55-11-4193-1187
 antonio.ruiz@miyachi.com

ASIA

Amada Miyachi Co., Ltd.
 Noda, Japan
 T: +81-4-7125-6177
 sales@miyachi.com

Amada Miyachi Shanghai, Co., Ltd.
 Shanghai, China
 T: +86-21-6448-6000
 zqzhang@msc.miyachi.com

Amada Miyachi Korea Co., Ltd.
 Gyeonggi-do, Korea
 T: +82-31-8015-6810
 dykim@mkc.miyachi.com

Amada Miyachi Taiwan Co., Ltd.
 Taipei, Taiwan R.O.C.
 T: 886-2-2397-4778
 keigaku@miyachi.com

Amada Miyachi (Thailand) Co., Ltd.
 Samutprakarn, Thailand
 T: +66-2751-9337-8
 info@mtl.miyachi.com

Amada Miyachi Vietnam Co., Ltd.
 Ho Chi Minh City, Vietnam
 T: +84-8-3771-7972

Amada Miyachi India Pvt., Ltd.
 Bangalore, Karnataka
 info@miyachiindia.com

All data, images and text are subject to change at any time. Amada Miyachi Europe GmbH reserves the right to change, modify, delete and add technical specifications and product details at any time without prior notification. © 2015 Amada Miyachi Europe GmbH.

follow us on:

