



ML-2551A, ML-2552A, ML-2550A YAG Laser Welder

- Plug and play lasers for fast system integration
- Compact design minimises space requirement
- Real time power feedback for superior output control
- Time share configuration allows operation of several Workstations for improved flexibility
- Bi-Frequency power supply for ease of use worldwide
- Flexible pulse shaping helps achieve optimum welding profiles for more challenging materials
- Integrated beam splitter with multiple laser outputs for increased throughput

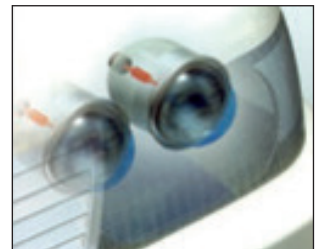
KEY FEATURES

- Pulse: 1 to 500 PPS
- Fiber diameter: SI 0.3 – 1 mm (ML-2552A), SI 0.4 – 1 mm (ML-2551A, 2550A)
- Environment: 5 to 30 °C with humidity < 85%

TYPICAL APPLICATIONS



IT & Multimedia



Electronics



Automotive



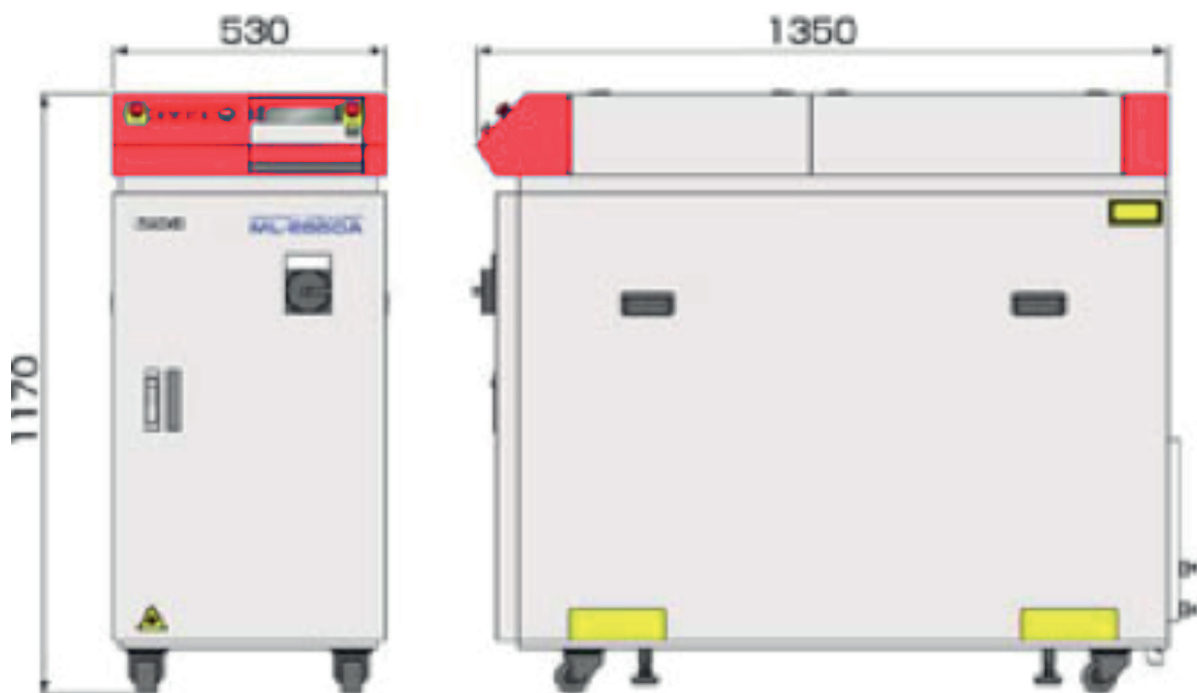
Batteries



TECHNICAL SPECIFICATIONS

Model	ML-2551A	ML-2552A	ML-2550A
Max. rated output	300 W	300 W	400 W
Max. output energy	50 J/P	20 J/P	80 J/P
Max. peak power	5 kW	5 kW	8 kW
Power requirements	3-phase, 380, 400 V to AC (+/- 10%) , 50/60 Hz		
Breaker rated current	30 A (400 VAC)		30A (400 VAC)
Cooler	Water -Water		
Weight	450 kg		
Safety class	Class 4 laser, pilot laser: Class 1		
Legal approval	CE compliantax. Rated outputax. Rated output		

DRAWINGS



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
 info@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
 info.cz@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.

