



ARGENTO LUX

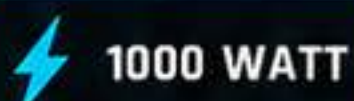
CLEANER SURFACES. A BRIGHTER TOMORROW.

INDUSTRIAL LASER SOLUTIONS

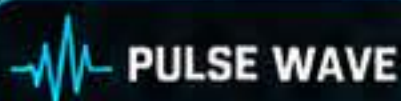
INNOVATION
PERFORMANCE
A CLEANER
TOMORROW



A-LUX AirForge AF 1000W-PW Air-Cooled



1000 WATT



PULSE WAVE



AIR COOLED

COMPACT INDUSTRIAL LASER CLEANING SYSTEM

AIR-COOLED POWER. INDUSTRIAL PERFORMANCE.

Introducing a compact, high-output pulsed laser solution for industrial cleaning and precision surface treatment.



BUILT
FOR A
CLEANER
TOMORROW

POWER
PRECISION
PRODUCTIVITY
ANYWHERE

↔ 34.1" L
LENGTH

↔ 23.2" W
WIDTH

↑ 35.4" H
HEIGHT



Unit Weight: 92 kg / 205 lbs



INDUSTRIES

Aerospace, Defense, Manufacturing, Marine, Automotive, Production and more. Every industry is pressing for economical, efficient and environmentally conscious cleaning processes.



MATERIALS

- | | | |
|------------|----------------|-------------|
| • Steel | • Titanium | • Cast Iron |
| • Wood | • Copper | • Carbide |
| • Ceramic | • Concrete | • Chrome |
| • Aluminum | • CFRP | • Plastic |
| • Brass | • Metal Alloys | • Silicon |



PROCESS APPLICATIONS

- | | |
|-------------------|-----------------|
| • Corrosion Clean | • Degreasing |
| • Laser Cleaning | • Rust Removal |
| • Paint Stripping | • Mold Removal |
| • Weld Prep | • Zinc Removal |
| • Surface Prep | • Oxide Removal |

SAME SURFACES.
A BRIGHTER TOMORROW.



www.argentolux.com



682-459-2480



Alvarado, TX



WATCH IT WORK!

SCAN THE QR CODE OR VISIT OUR WEBSITE



CLEAN
BOLDER
BRIGHTER
TOGETHER.

A-LUX AirForge

AF 1000W-PW

SYSTEM SPECIFICATIONS & SAFETY

INDUSTRIAL LASER SOLUTIONS

INNOVATION
PERFORMANCE
A CLEANER
TOMORROW



OEM

BUILT FOR INDUSTRY.
TRUSTED WORLDWIDE.



SYSTEM SPECIFICATIONS

Power Output	1000 Watt
Laser Safety Class	Class IV
Wavelength	1064 nm
Operating Mode	Pulse
Single Pulse Energy	1.5mj / 5mj / 15mj
Laser Cable Length	5m - 15m
Laser Pattern	8 Preset Patterns
Max Scan Width	120mm / 4.7in
Scan Head	Dual Axis
Robotics Capable	Robotics Integration Capable
User Interface	7" LCD Screen
Operational Voltage	220V / 1PH / 25A / 60Hz
Unit Weight	92kg / 205lbs
Operating Temp	0 - 40C / 32F - 104F
Cooling System	Air Cooled
Relative Humidity	30-85% Non-condensing
Safety Features	Emergency Stop, Key Switch, Interlocks Capable



SAFETY FEATURES

Handheld laser cleaning machines are Class IV laser instruments that incorporate additional safety measures for easy and safe operation across industries and work environments.



CHEMICAL FREE



NO BLASTING MEDIUMS



NO HAZARDOUS WASTE



CLEAN
BOLDER
BRIGHTER
TOGETHER.



SAFETY CONSIDERATIONS DURING OPERATION



1064 nm wavelength laser light emitted from this laser system is invisible and may be harmful to the human eye. Proper laser safety eyewear must be worn during operation.

Requirements beyond those listed herein will be quoted upon request. For assistance in determining which capabilities will best suit your needs, contact Argento Lux office or visit our website www.argentolux.com

21 CFR 1040.10 COMPLIANCE: This product complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.

IMPORTANT NOTICE: Specifications are subject to change without notice. The information provided herein is for general reference only and does not constitute a warranty of any kind. Please consult Argento Lux for the most current product details.



ARGENTO LUX
CLEANER SURFACES. A BRIGHTER TOMORROW.



www.argentolux.com
682-459-2480
Alvarado, TX



WATCH IT WORK!

SCAN THE QR CODE OR VISIT OUR WEBSITE

