



ARGENTO LUX

CLEANER SURFACES. A BRIGHTER TOMORROW.

INDUSTRIAL LASER SOLUTIONS

INNOVATION
PERFORMANCE
A CLEANER
TOMORROW

A-LUX RA Ascender RA 1000W-PW Air-Cooled

⚡ 1000 WATT

📶 PULSE WAVE

🌀 AIR COOLED

ROPE-ACCESS INDUSTRIAL LASER CLEANING SYSTEM

LIFT & RIG READY. PURPOSE-BUILT ROPE-ACCESS PERFORMANCE.

Introducing a compact, high-output pulsed-laser solution built for rope-access, lift-and-rig, and demanding industrial cleaning applications.



COMPACT
PLATFORM



LIFT & RIG
READY



ROPE-ACCESS
CAPABLE

BUILT
FOR A
CLEANER
TOMORROW



PRECISION
CLEANING
AT NEW
HEIGHTS

↔ 32.0" L
LENGTH

↔ 16.0" W
WIDTH

↑ 32.0" H
HEIGHT

📦 Unit Weight: 57 kg / 125 lbs



🌐 www.argentolux.com

📞 682-459-2480

📍 Alvarado, TX



WATCH IT WORK!

SCAN THE QR CODE OR VISIT OUR WEBSITE



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.



CLEAN
BOLDER.
BRIGHTER
TOGETHER.



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A-LUX RA Ascender RA 1000W-PW SYSTEM SPECIFICATIONS & SAFETY

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	1.5 / 5 / 15 mJ
Laser Cable Length	5m - 15m
Laser Pattern	8 Preset Patterns
Max Scan Width	120mm / 4.7 in
Scan Head	Dual Axis
Robotics Capable	Robotics Integration Capable
User Interface	7" LCD Screen
Operational Voltage	220V / 1PH / 25A / 60Hz
Unit Weight	57kg / 125lbs
Operating Temp	0 - 40C / 32F - 104F
Cooling System	Air Cooled
Relative Humidity	30-85% Non-condensing
Safety Features	Emergency Stop, Key Switch, Interlocks Capable

LIFT & RIG
READY.
PURPOSE-BUILT
ROPE-ACCESS
PERFORMANCE.



COMPACT
POWER.
CLEANER
SURFACES
ANYWHERE.



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



SAFETY CONSIDERATIONS DURING OPERATION



LASER HAZARD
CLASS IV LASER



WEAR LASER
SAFETY EYEWEAR



RESTRICTED AREA
AUTHORIZED
PERSONNEL ONLY

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.



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