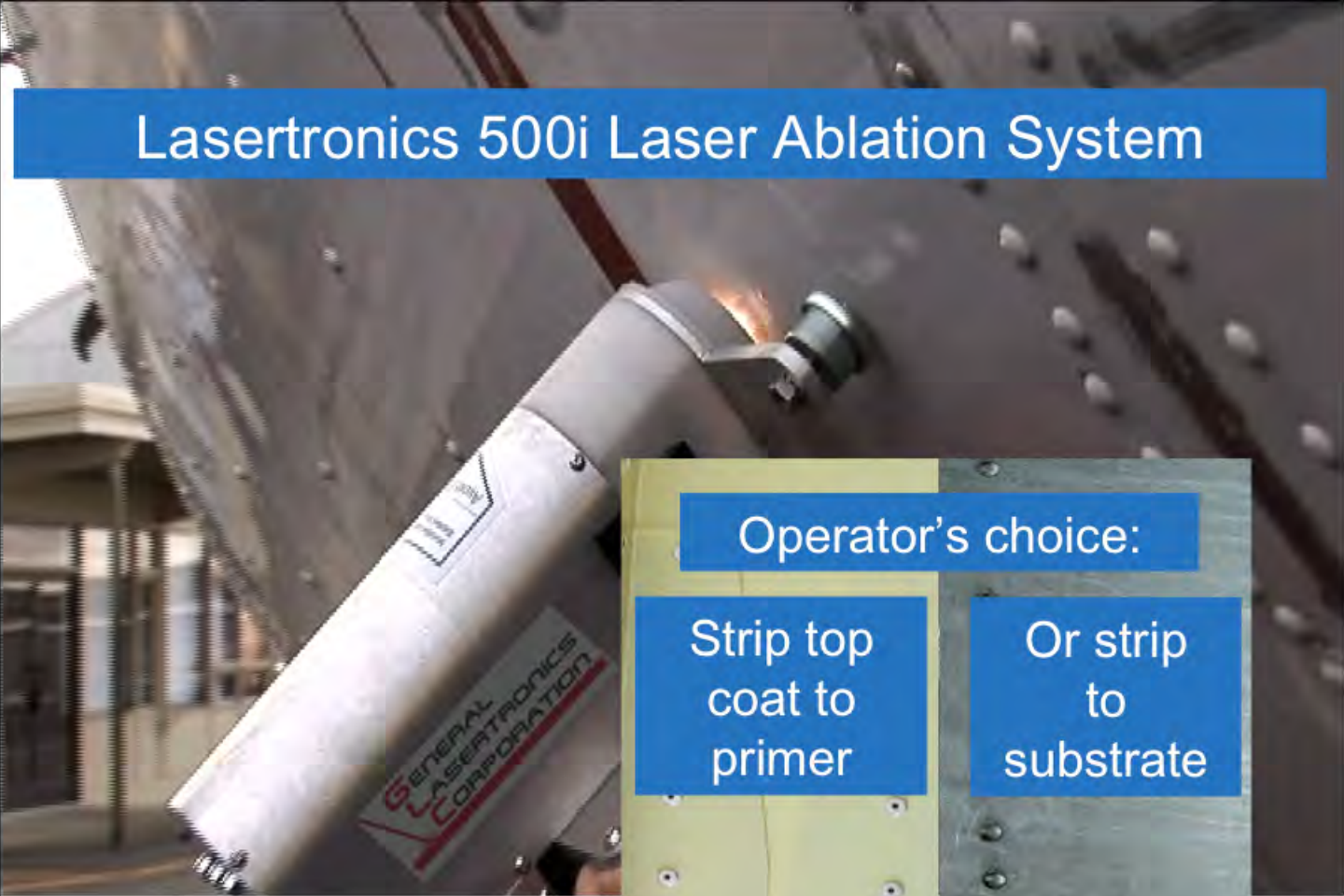


Lasertronics 500i Laser Ablation System



Operator's choice:

Strip top
coat to
primer

Or strip
to
substrate

The 500i features:

- 4" wide tool swath with closed-loop color selective stripping
- Optional confined space tool with closed-loop safety controls
- Robotic or handheld usage
- Quick-disconnect umbilical-to-tool interface
- 50+ meter umbilical connects laser to tool
- Optional waste collection - captures all detectable chromium(VI)
- Rugged, compact laser system for industrial / hangar environments
- Modern, compact air-cooled laser for reliability and portability
- Double shielding for Class IV laser safety compliance
- FAA approvals for metal aircraft • USAF approval for flight line use
 - US Navy approval for fiberglass/composite rotor blades

Contact: General Lasertronics Corporation
www.lasertronics.com

408-947-1181

Lasertronics 500i Laser Ablation System Specifications and Options



500i Ablation System

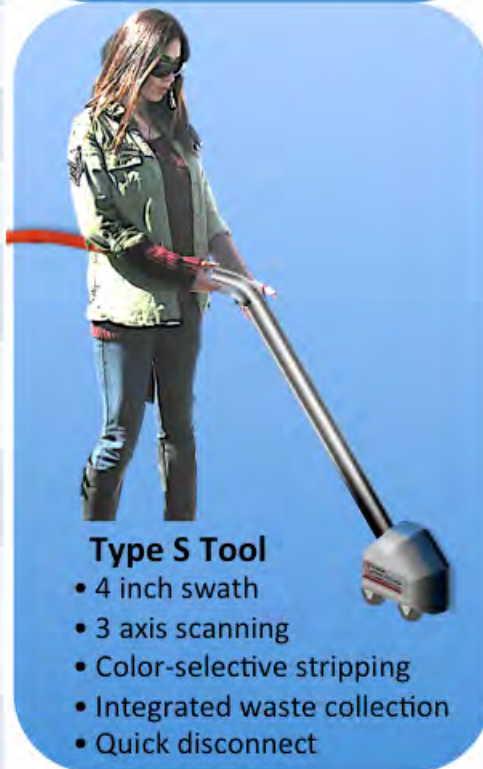
- Compact & portable
- Air cooled
- Industrial reliability
- Low maintenance
- Optional integrated waste collection
- 50+ meter umbilical connects laser to workhead
- Caster mounted
- Optional weatherproofing

| Characteristic | Value |
|----------------------|---------------------------------------|
| Wavelength | 1064 nm |
| Average Power | 500 W |
| Pulse Energy | 50 mJ |
| Pulse Rep Rate | 10 kHz |
| Power Supply Voltage | 208 VAC 3 Phase |
| Current Requirement | 15 A |
| Umbilical Length | 10 – 50 meters |
| Laser Cabinet Size | L - 5 ft. W - 2 ft. H - 3.5 ft. |
| Laser Cabinet Weight | 300 pounds |



Type H Tool

- Confined space access
- Substrate safety cutoff
- Small and lightweight
- Quick disconnect



Type S Tool

- 4 inch swath
- 3 axis scanning
- Color-selective stripping
- Integrated waste collection
- Quick disconnect



Easy access for maintenance

- Umbilical quick disconnect
- Replaceable HEPA filter
- Preventive checks



Automated Ablation Systems

- 4 inch swath per 500 W laser
- Color-selective stripping
- Integrated waste collection
- Multi-laser option (3 shown)