

(The following advanced features are available on select 1900 Series LaserStar Welding Systems)

1900 Series (Standard Body)

LaserStar's 1900 Series Industrial Workstations are ideal for a wide range of metal joining, complex assembly, automation and repair applications for the industrial marketplace. A compact, portable design, coupled with LaserStar's well-known reputation for high quality, efficient laser sources, make the 1900 Series an excellent value.

Removable welding chambers are designed to be custom configured for the widest range of applications. High precision motion devices (see page 42) are engineered to integrate into the welding chamber. Five chamber platforms are available: open workspace, open workspace with adjustable shelf, standard, deluxe and automation chamber.

LaserStar Industrial Standard Body Workstations are available in 60 and 80 watt models and integrate a variety of viewing systems to meet the specific needs of our customer's applications.

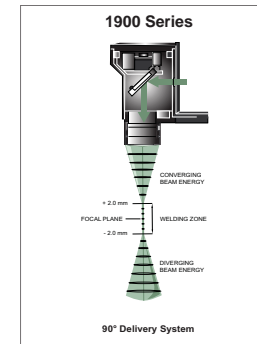
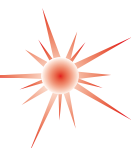
Our commitment to electrical design efficiency ensures the highest level of hot-light energy transfer from the LaserStar source through the welding chamber. The result - a significant pulse energy advantage while offering end-users a custom configuration to meet their specific application requirements.

LaserStar Workstations are ideal for a wide range of complex alloys and applications including:

- Medical Device Components
- Aerospace and Electronics
- Automotive and Micro Components
- 300 Series Stainless Steel
- Nitinol, Titanium, Platinum
- Many Complex Alloys

HIGHLIGHTS

- Flexible Platforms
- Motion Device Ready
- Excellent Pulse Stability
- 60 & 80 Watt Models

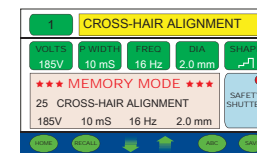


Multiple Viewing Systems



Soft Beam™ Profile Enhancement Resonator Technology (Optional)

Digital Messaging Display



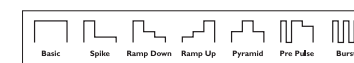
- Automatic Energy Save Mode
- Integrated Preventative Maintenance Alerts
- Multi-Language System Display
- 99 Memory Settings
- Pre-Programmed Application

Large Viewing Window
14.4 square inches - 32.6 square cm

Interior Chamber Design



- LED Natural Lighting (Quad)
- Dual Inert Gas Delivery System
- Dual Operating Logic



Extension Accessories



- Extension Tube - 3, 6 or 9 inch

Removable Chamber with Three Access Panels

120V or 208-240V
Single Phase Supply Circuit

Automation Opportunities



5-Axis Rotation Module Shown

Side Entry Service Panels
(Provides "easy access" to maintenance tasks)

Worldwide Safety Certification
FDA(CDRH), UL, CSA, CE

MADE IN THE USA

Technical specifications are provided on page 23

