

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

## 1900 Series (XL Body)

LaserStar's 1900 XL Series Industrial Workstations are ideal for a wide range of metal joining, complex assembly, automation and repair applications for the worldwide marketplace. The XL body style provides an oversize welding workspace design coupled with high wattage output which is ideal for many different welding applications.

A removable welding chamber is designed to be custom configured for a wide range of applications. High precision motion devices are engineered to integrate into the welding chamber and enhance the systems production capabilities.

LaserStar Industrial XL Workstations are available in 60, 80, 100, 150 and 200 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.

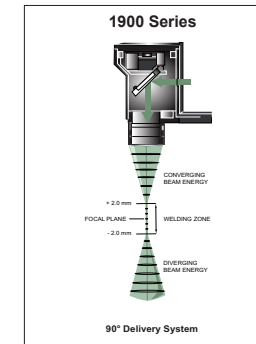
LaserStar Workstations are ideal for a wide range of complex alloys and applications including:

- Medical Device Components
- Micro Welding
- Aerospace & Electronics
- Battery Welding
- Spot & Seam Welding
- Mold Repair Welding
- Automotive & Micro Components
- Computer Components

### HIGHLIGHTS

Flexible Platforms  
Motion Device Ready  
Excellent Pulse Stability  
60 - 200 Watt Models

1900 Series (XL Body Style)  
Open Workstation  
(Shown with Adjustable Work Table)

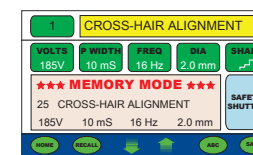


### Multiple Viewing Systems



Soft Beam™ Profile Enhancement Resonator Technology (Optional)

### Digital Messaging Display



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

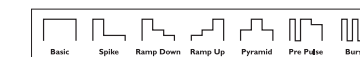
**Large Viewing Window**  
22.5 square inches - 145 square cm

### Interior Chamber Design



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

### Automation Opportunities



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

### Extension Accessories



- Extension Tube - 3, 6 or 9 inch

### Removable Chamber with Three Access Panels

120V or 208-240V,  
Single or Three Phase  
Supply Circuit



X-Y-Z-Theta Motion Device

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

DESIGNED & BUILT IN **AMERICA**

Technical specifications are provided on page 23