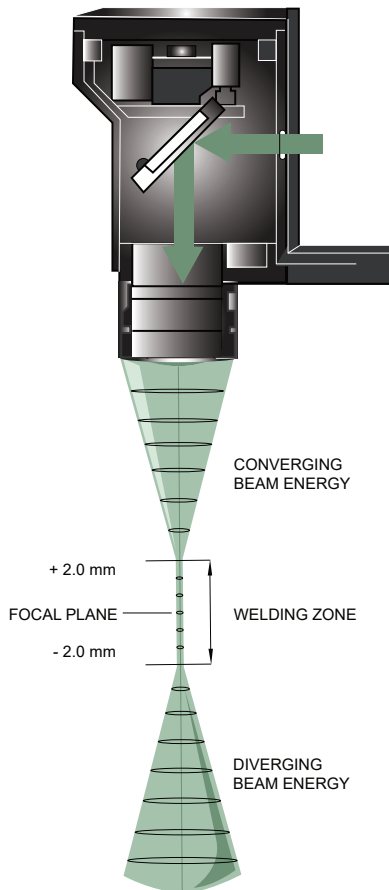


# LASER WELDING - HERE'S HOW IT WORKS

**LASER** is an acronym for "Light **A**mplification by the **S**timulated **E**mission of **R**adiation" which produces a sharp, focused light beam that melts a very small area of metal.

## SOFT TOUCH BEAM DELIVERY (0% Beam Diameter Variance)



90° or 105° Delivery Systems

## THE POWER OF HOT LIGHT

The benefit of this technology is that very little heat is generated at the weld point, allowing users to easily weld 0,05 (.002") away from the most complicated and intricate component parts without damaging heat sensitive materials.

LaserStar Technologies' development of the "free-moving" concept enable users to eliminate costly fixturing devices, benefit from pin-point accuracy, increase the range of assembly and repair applications and minimize the potential hazards of heat damage. The resulting weld is considerably stronger than a traditional solder joint.

## PRECISION AND ACCURACY

Operators hold parts in their hands while viewing the application through a stereo-microscope. An internal cross-hair allows the operator to easily align and weld the parts at the correct location.

- ★ **Easy To Use...**
- ★ **Simple to Maintain...**
- ★ **Low Cost of Ownership**



**LASERSTAR**  
**ACADEMY™**

Our education courses are designed to provide you with a solid foundation of fundamental laser skill sets to immediately gain a revenue impact with your new laser device.

[LaserStarAcademy.com](http://LaserStarAcademy.com)

Technical Specifications at [www.LaserStar.net](http://www.LaserStar.net)

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