

Laser Seam Tracker is a non-contact torch guidance system for welding automation. The Laser Sensor is mounted in front of the welding torch so the sensor looks at the weld joint ahead of welding to calculate the corrections. This correction is then used to automatically position the welding torch precisely on the joint.

Features

- Wide range of customisable options to best suit customer requirements.
- Adaptive Welding.
- Simple System Structure.
- Easy to use GUI.
- Data Logging and Reporting.
- Remote Support.

Advantages

- High Productivity
- Reduced Cycle time
- Improved & Consistent Quality
- Less Rework & Waste
- Health and Safety
- Simpler Fixtures

LST Arc

LST Arc is specially optimised for open arc welding processes such as TIG, MIG/MAG, FCAW, Plasma etc. This system includes Laser Sensor, HMI, Motion Controller, Operator Pendant and cross slides.

LST SAW

LST SAW is for Submerged Arc Welding application. Special Adaptive option for up to six welding torches is available. This system includes Laser Sensor, HMI, Motion Controller, Operator Pendant and Extra Heavy Duty cross slides.

LST MP

LST MP is for Multipass thick plate welding application. Adaptive, automatic pass sequencing are possible. This system includes Laser Sensor, HMI, Motion Controller, Operator Pendant and Extra Heavy Duty cross slides.

LST HS

LST HS is for High Speed tracking applications such as Tailor Welded Blanks, Laser brazing etc... This system includes Hybrid Laser Sensor, HMI, Motion Controller, Operator Pendant and high speed cross slides.

LST Robo

LST Robo is for robotic welding applications. Ethernet, Profinet, Profibus, Analog / Digital interfaces are available to seamlessly integrate with Industrial Robots. This system includes Laser Sensor, HMI, and Interface module.