

Communication – July 2020

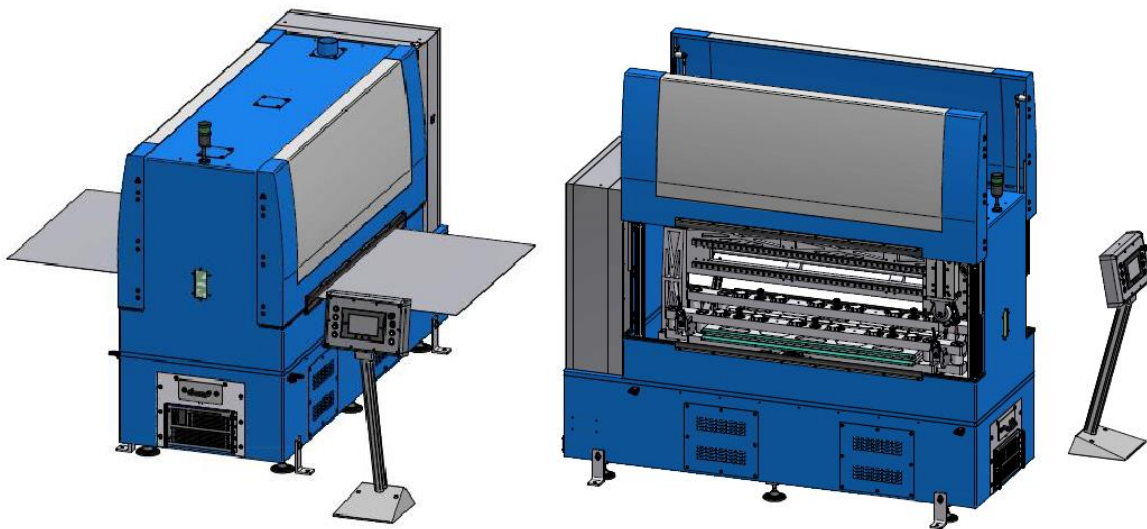
INTROUCING THE NEW LASER CROSS WELDER SLT 1400

KEEPING YOU BONDED IN COIL PROCESSING

THE Machines Yvonand SA – Switzerland presents its newest **Wide Width** Laser Cross Welding machine type **SLT 1400**, capable of bonding / butt welding alloy tapes up to a width of **1400 mm** (55") for a wide range of alloys and product thicknesses.

Providing high quality butt welds in one coil to another and or sheet to sheet have become ever more demanding over the past years. The preference for high precision laser welded joints has established itself both technically and commercially over the past years.

Expanding its successful family of SLT laser cross welding machines, to 1400 mm brings with it a number of novel new features and options, meeting the needs and requirements of the customers.



SLT 1400 at a glance

Now available on  YouTube <https://youtu.be/zZ6p6Vn2vqE>

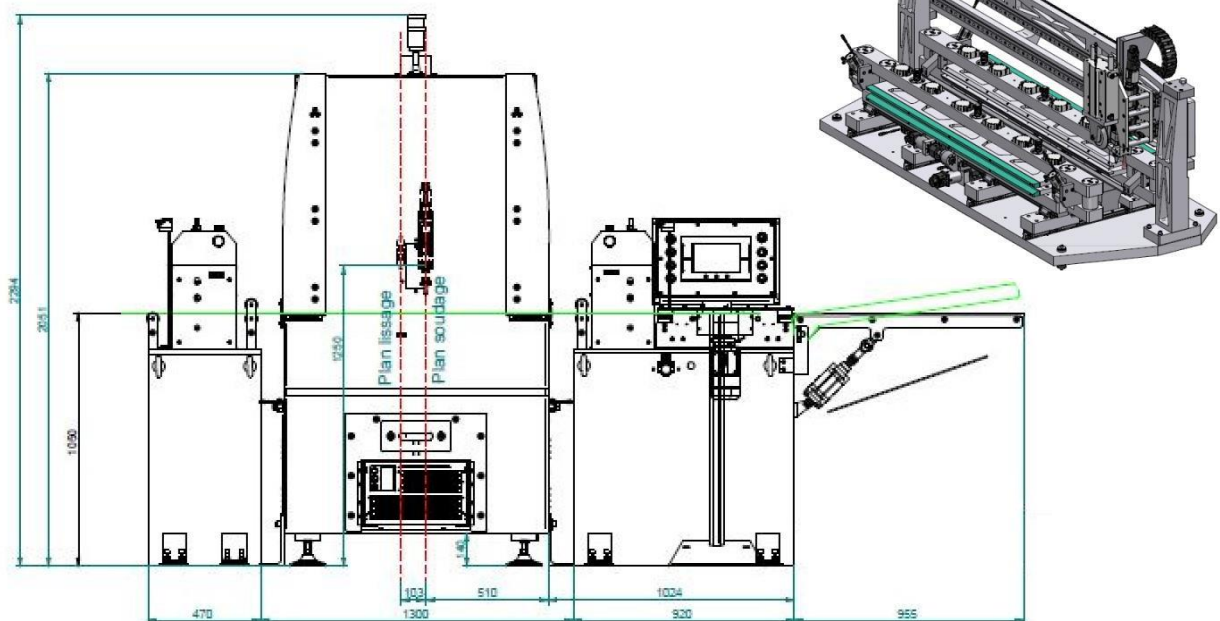
SLT 1400 Wide-width Laser Cross-Welding

SLT 1400 at a glance

- Compact with **minimal foot print**. All the processes of laser cutting, welding and weld-seam smoothing are housed in one dedicated protective unit
- Respecting all safety requirements, designed for location in continuous production environment and with easy access to all elements
- Engineering = Robust, Execution = Precise, the System permits long-term line performance under the most demanding conditions
- Alloy tape In-feed and out-feed, tape fine positioning have been fully automated.
- Dedicated internally mounted and **automated weld-seam flattening roller** to eliminate or minimize weld bulge
- The appropriate laser power source can be selected, for both cutting and weld, with one single unit and to cover a range of alloy materials and thicknesses to meet customer needs and requirements

The key performances of our technologies include:

- Guaranteed repeatable welds and weld seam quality
- Easy to use process no specialist technical expertise required, simple HMI
- Menu guided system for easy rapid establishment of new weld recipes
- Few mechanical wear and tear parts or consumable items
- Rapid, hands-free cutting, welding and flattening of the tapes
- Simple evacuation of trim waste



For further more detailed information, please don't hesitate to contact us.