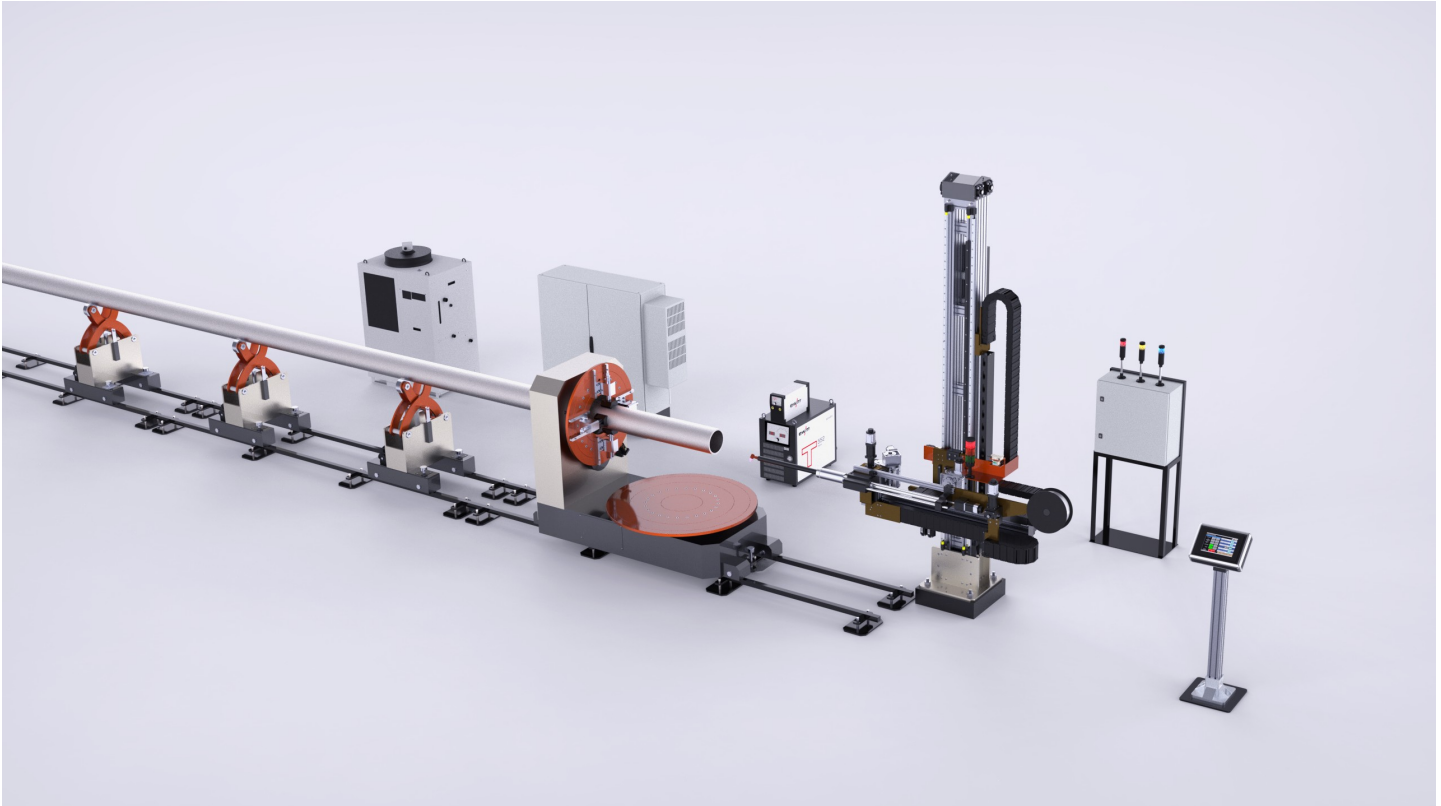


UNIVERSAL CLADDING STATION



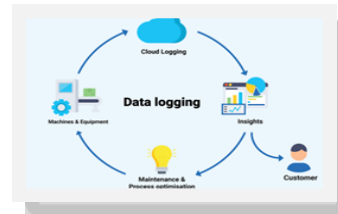
This is an amalgamation of **Vertical & Horizontal** weld overlay stations with **Butt** Weld capabilities as well. It is unique cladding station where one can clad almost all kinds of components.

The structures comprise of Column & Boom, 'XZ' slides and Twin Rotators.

There will be a water cooled Torch mounted on slides arcing with the rotating job and filler wires fed automatically in the weld pool.

The welding parameters like current, voltage, welding speed, wire feed, step over etc will be programmable and controllable via PLC and will have overrides through a handheld Wireless Remote Pendant.

KEY FEATURES



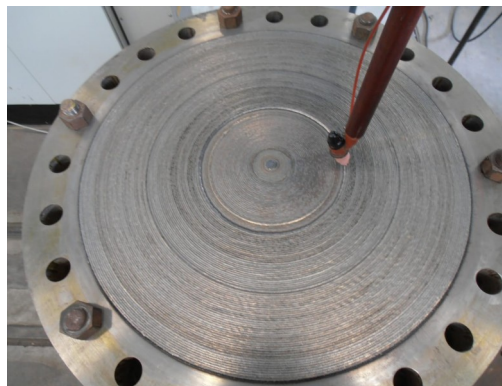
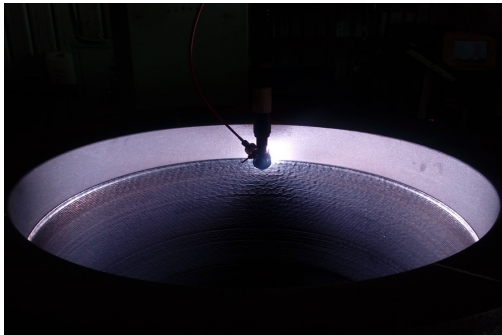
- ◆ A lineup of high speed, high precision, **Servo drives with Ether CAT** communication. High resolution absolute multi-turn encoder & safety network built-in.
- ◆ **HMI** with projected unbreakable glass capacitive touchscreen and the brilliant 10.1" widescreen display with resolution of 1280x800 guarantee great optical performance.
- IoT edge devices** with the combination of a powerful controller with networking capability.
- ◆ Provides live, interactive display of multiple machine data from a remote location thanks to J mobile, Run time & CORVINA Cloud application.
- ◆ Unique second generation **Inverter** type welding power source for reproducible welding results of the highest possible quality.
- Optimized for automated applications with Tetrix BUSINT X11 **Ether CAT** Industrial bus interface.
- ◆ Digital Gas flow & Water flow **sensors** with display on HMI for real time monitoring of Gas flow & Water temperature.
- ◆ **Monitors and Records** essential variables such as Voltage, Current, Weld speed, Wire feed etc and other welding parameters like gas flow, water flow & temperature, Inter pass temperature etc allowing clients to control the process and produce reports.
- ◆ **Wireless Pendant** for operations & real time display of essential weld parameters.
- User friendly software design.
- More flexible and reliable as compared to wired pendant.

Functions & Features

- ◆ Base & Bore cladding
- ◆ Auto AVC direction selection for ID & OD
- ◆ Auto AVC axis selection for 1G & 2G
- ◆ Auto speed compensation for taper bore & face cladding
- ◆ Virtual Pendant on HMI
- ◆ Touch Retract function for fixed HF distance and consistent starts



Capable of Welding Different Components



Machine & Component Specifications

- ♦ Process : Hot wire Auto pulse Tig
- ♦ Min Dia : 42 mm before cladding x 500 long
- ♦ Min Dia : 34 mm after cladding 2 layers x 500 long
- ♦ Max Dia : 600 mm x 3000 mm long in HCS mode
(Total 6000 mm by Pipe flipping)
- ♦ Max Dia : 1000 mm x 1000 mm tall in VCS mode
- ♦ Max. Tilting of Torch : 90°
- ♦ Max Weight : 1000 kg
- ♦ Column Height : 3000 mm
- ♦ Max. Height with Z slide at upper limit : 1500 mm
- ♦ Floor Space : 2000 mm x 7000 mm

CLIENTELE



Head Office

122/2 , New Rajshree Industrial Premises,
Opp. Hyde Park, Manpada,
Thane — West, Maharashtra, India,
PIN — 400607



9619421789 / 9867363438



sreeni@sineautomation.com
sreeni.weldtrade@gmail.com

Factory Address

Plot no 1394, Shirol,
Shahapur ,Dist. Thane,
Maharashtra, India,
PIN — 421602

