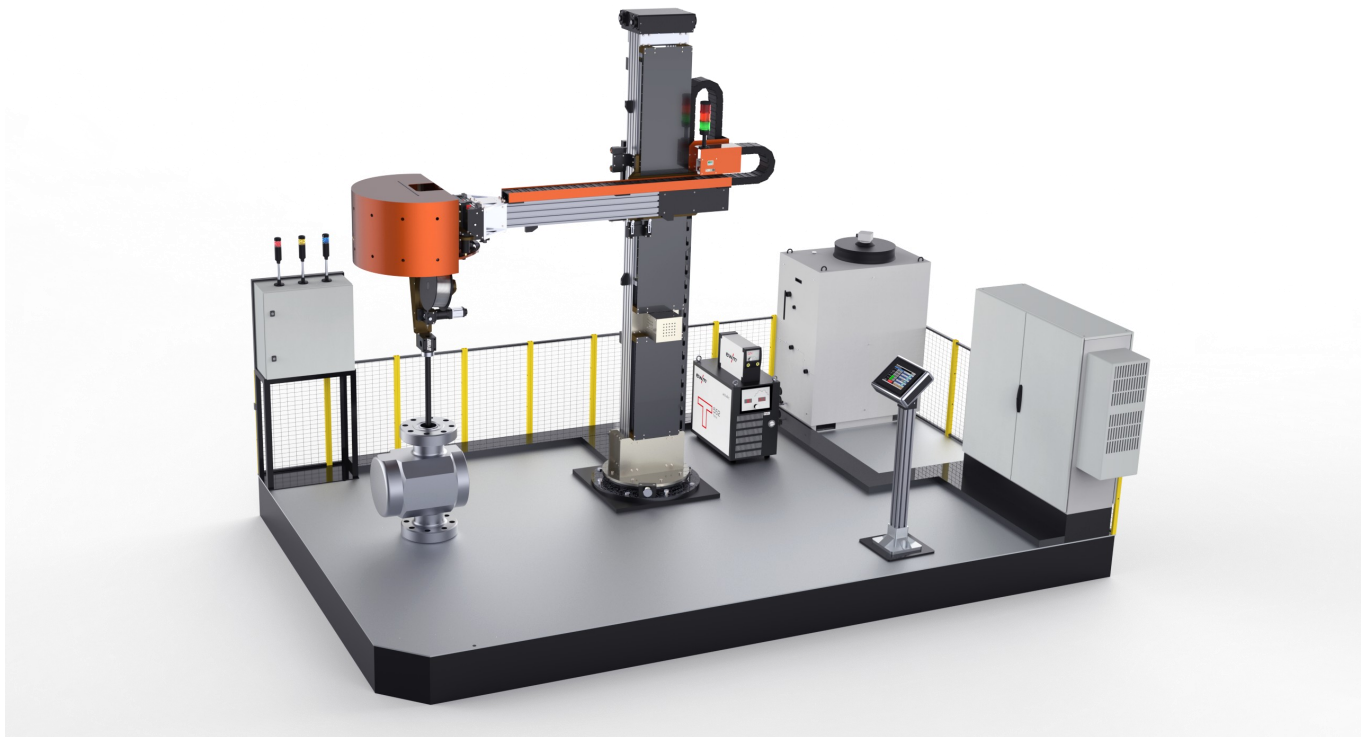


CONTINUOUS ROTATING TORCH CLADDING STATION



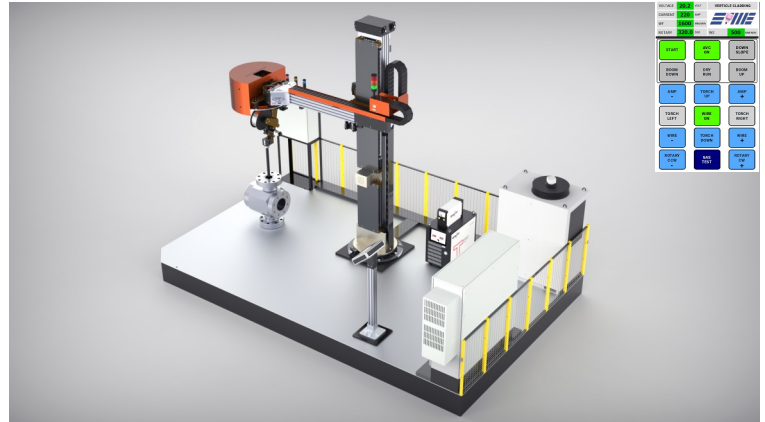
Continuous Rotating Torch Cladding Station is a fully automated PLC based Hot Wire pulsed Tig cladding machine which shall be fixed in the workshop.

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

The welding torches will be quick change (1G/2G) type which shall give total flexibility to the machine.

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 hand held 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.

Machine & Component Specifications

- Process : Hot wire Auto pulsed Tig
- Min dia : 42 mm x 500 long before cladding
- Min dia : 34 mm x 500 long after cladding in 2 layers
- Max dia : 500mm

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

