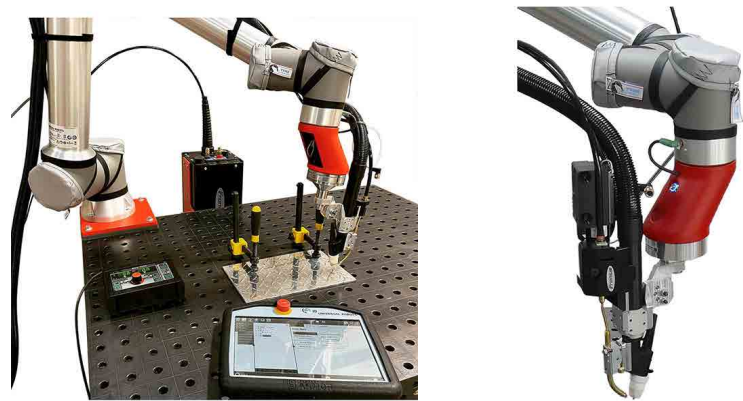


# THG Automation TIG Solution

## THG Automation

THG Automation has released one of the most advanced robotic TIG welding packages in the US, combining the collaborative capabilities of Universal Robots with the industry-leading capabilities of Fronius welding systems. The system is an out-of-the-box solution for companies that need a quick & easy path to automation in welding production. Systems typically ship in 4-6 weeks. Production welding can start in as little as a day, once powered up.

Aimed towards advanced production welding of all major hard and soft alloys in food-grade, aerospace, transportation, medical and defense industries. The solution consists of a Fronius Magic Wave 300 AMP AC/DC TIG Power Source with Push or Push-Pull Wire Feeder for autogenous or wire feed applications. Contact us via the button below.



### Features

- Included TIG welding processes:

- DC positive or negative

- AC for aluminum

- Pulse with synced wire feeding

- With the following system features

- "Z" Axis Tracking

- Easy Strip weld function

- Wizard like interface for creating welding programs

- Weave options including weave angle, pitch, and width

- Metric or Imperial units

- Simulation button for on-demand weld simulation

- Robot environmental kit for protection from weld spatter

- Pendant Armor for increased pendant protection

- Freedrive button at the weld torch

- Starter kit of welding consumables

- Fronius tool kit

- Free software upgrades for a year, including future options

- Easy to use programming interface

- World-class welding processes for perfect welds

- Storage for 255 welding jobs

- Wire spool holder for convenient weld wire placement

- Modular mobile welding table setup

- 3 to 4 week lead time



## Specifications:

- Software version required  
Polyscope 5.12 or above

- Dependencies

End user is responsible for:

Power - 120/240 volt single phase (robot) and 200 to 575 volt 3 phase (Welder) depending on options

Consumables - shield gas and welding wire

- Dimensions

Table Dimensions 36" Deep X 48" Wide X 37" Tall

Overall dimensions 48" Deep X 48" Wide X 90" Tall at hose pack balancer

Weight approx. 850 LBS depending on options

- What's in the box?

UR10e robot arm

Fronius Magic Wave 300 amp AC/DC TIG powersource with push or push pull wire feeder

Top of the line modular 3' x 4' Siegmund Welding table

34 piece clamp kit set

Protective robot environmental kit

Welding table includes a customized base designed to be compatible with pallet jacks and fork lifts.

- License type

One time purchase

