



Weld Robot System

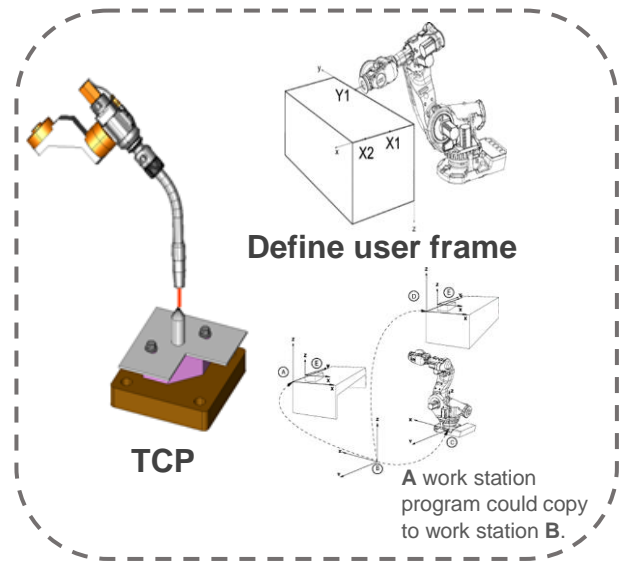
Automatic welding robot package

ProArc and HIWIN bring Robot application to a remarkable milestone in welding industry through the new Weld Robot System.

System comes with full package:

- ✓ Cut wire - to renew TCP
- ✓ Work-station w/ Multi-Task – to make construction plane
- ✓ Modular cells concept – DIY
- ✓ To define robot in the COORD-expert system
- ✓ Pass “Position Register” function to make the function infinity – Laser tracking, oscillation etc.

What makes ProArc weld robot different?



System overview

Robot: AW-1476

Welder: iRobo400
W/Wire feeder

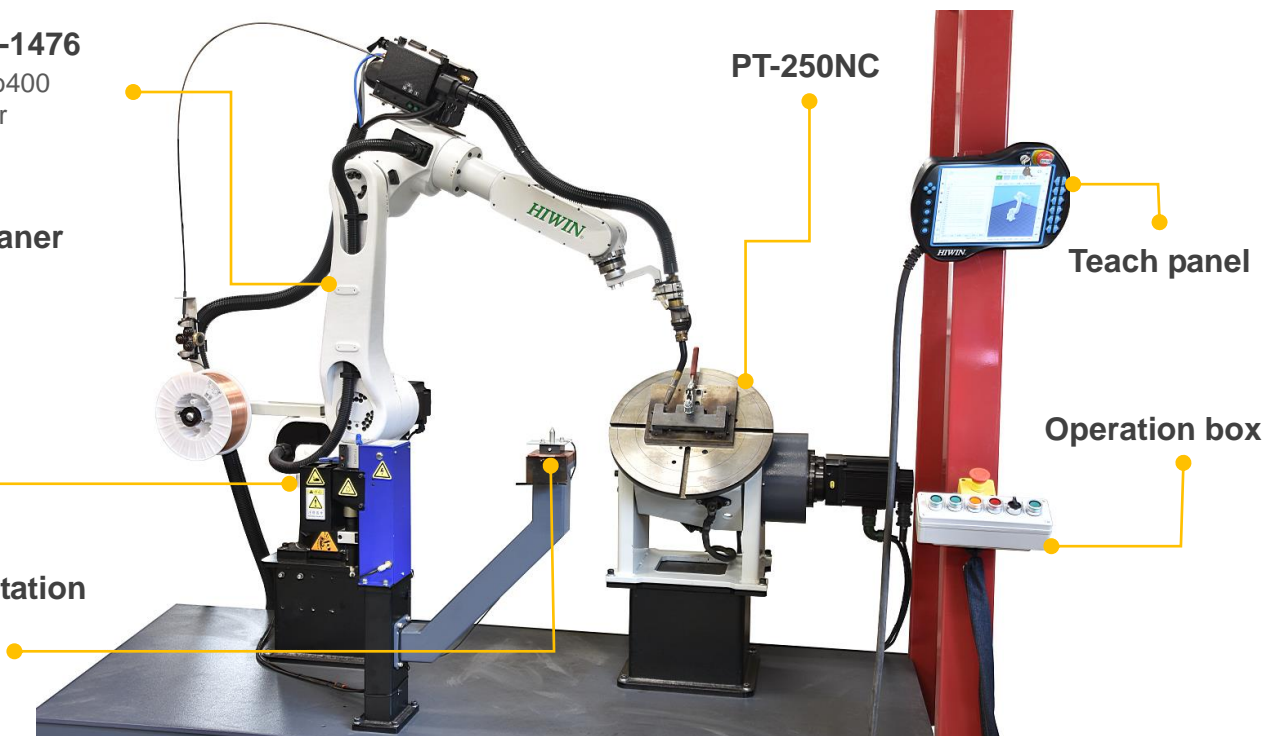
Nozzle cleaner

TCP workstation

PT-250NC

Teach panel

Operation box

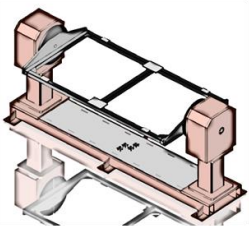


System assembly

- ✓ Variable choice to help customer build up an automatic welding system based on different demands.
- ✓ Quickly integrate a smart and intelligent system.

HEAD/TAIL STOCK

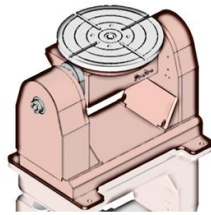
HS-250/500/1000NC



- ✓ Head: HS-xxx NC
- ✓ Head/Tail: HST-xxx NC

POSITIONER

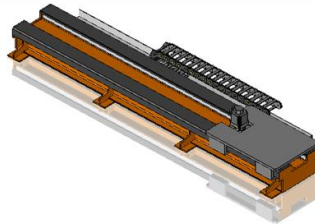
PT-250/500NC



- ✓ Positioner: 2 axes

ROBOT TRAVELER

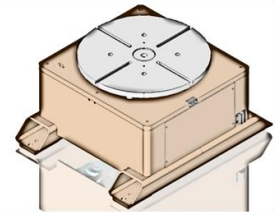
ST-2000NC



- ✓ ST-2000 NC base-drive
- ✓ ST-1000/2000/3000-slave

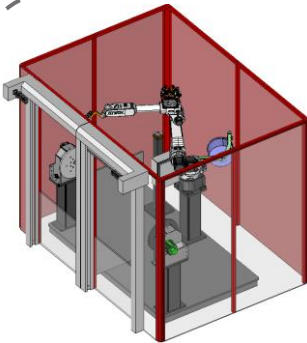
TURN TABLE

TT-250/500NC



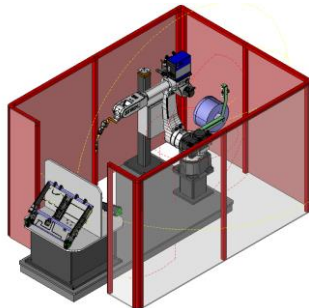
- ✓ TT-250/500 NC
- ✓ For table switching workpieces

Flexible application



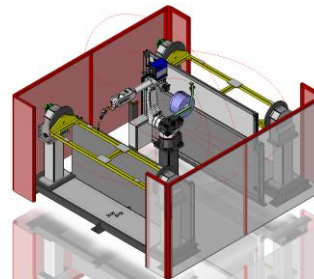
Model A

- ✓ Weld Robot
- ✓ 2 Headstock NC
- ✓ 6 + 2 axis interpolation



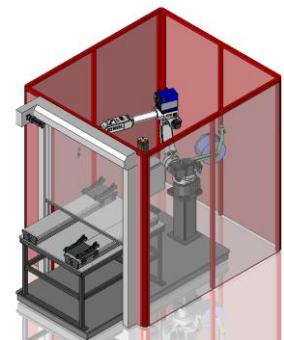
Model B

- ✓ Weld Robot
- ✓ 1 Turn table NC
- ✓ 6 + 1 axis interpolation



Model C

- ✓ Weld Robot
- ✓ 2 Head/Tailstock NC
- ✓ 6 + 2 axis interpolation



Model E

- ✓ Weld Robot
- ✓ 1 Shuttle table
- ✓ 6 axis interpolation