

TECHNICAL SPECIFICATIONS

Industrial Robots:

ABB Handling Robot	- 200kg payload
ABB Welding Robot	
18 meter linear track	- 2 piece

Robotic Welding Power Source:

Fronius / ESAB 500 Amper Water Cooled Power Source - Synergic

Wire diameter	- 1.2mm - 1.6mm
Torch bend angle	- 22/33 degree
Big pack wire capacity	- 250kg
Weld Shield Gas	- Ar + CO ₂ %5 / Ar + CO ₂ %18

Torch Cleaning Unit:

Wire cutting, rimming, anti-spatter	Included
Torch measurement and calibration	Included

Plate Table:

Table dimensions	1.000mm x 8.000mm
Plate flipping	Included

Plate Laser Scan Unit:

Tolerance	± 0.50mm
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Laser Touch Sense:

Linearity	0.4mm
Max. distance	750mm

Rotator / Positioner:

	2 piece
Maximum capacity	6.000kg

Total System Tolerance:

± 1.50mm

Magnet Tool:

Mag No.0	20kg	- Optional
Mag No.1	70kg	- Included
Mag No.2	200kg	- Included

Operator Panel:

24" multi touch screen

Profil Type	Min. Dimension (mm)	Max. Dimension (mm)
H profiles	120 (4")	1100 (43")
W Profiles	W4x13	W30x391
I profiles	120 (4")	1100 (43")
Box sections	100	600

OPTIONS

Second Weld Tower - Agen Trio Prep.	Optional
1.500mm profile height	Optional
15.000mm profile length	Optional
18.000mm profile length	Optional
Magnet for small parts – Mag No.0	Optional
Corner frame application	Optional
Angle profile processing as ADD part	Optional
Additional workplace license or add. CAD support	Optional
Lights-out manufacturing - Full Remote Control	Optional
Pre-heating unit	Optional
Infeed conveyor	Optional
Outfeed conveyor	Optional