

EasyTurn Table



EasyRobotics®
- we move your parts

EasyTurn Table

EasyWelding Turntable is an automated welding station designed to optimize robotic welding processes. The system typically integrates one or more robotic arms with a rotating turntable that holds the parts to be welded.

The turntable rotates to position the workpieces for the robot, allowing continuous welding or more efficient part handling. Here's a breakdown of the components and benefits of a turntable welding cell



Robotic Arm:

- The robot is equipped with a welding torch (MIG, TIG, plasma, or spot welding) and programmed to weld specific parts.
- Robotic arms are highly flexible and can perform complex welds with accuracy and repeatability.
- Can operate continuously as the turntable presents new parts in a consistent and efficient manner.

Versatility:

- EasyWelding Turntable can handle a variety of parts, making them suitable for different industries
- They can accommodate multiple part designs by swapping out fixtures.



Turntable:

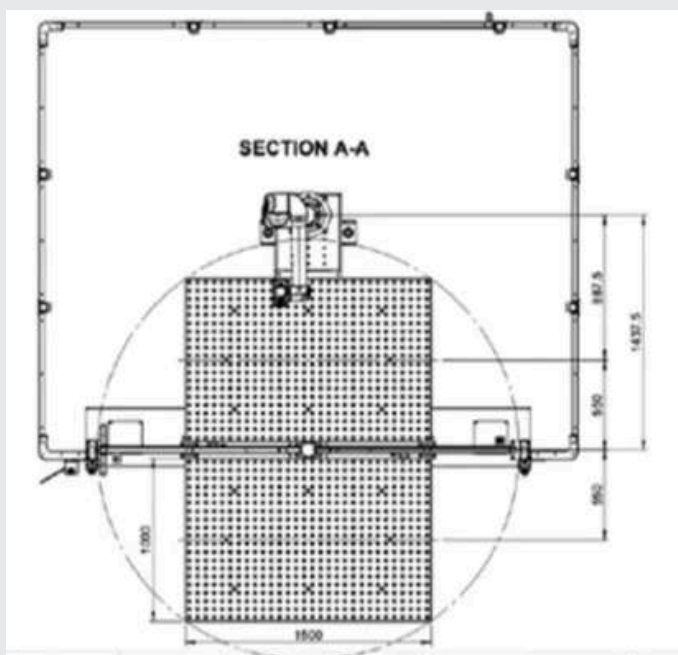
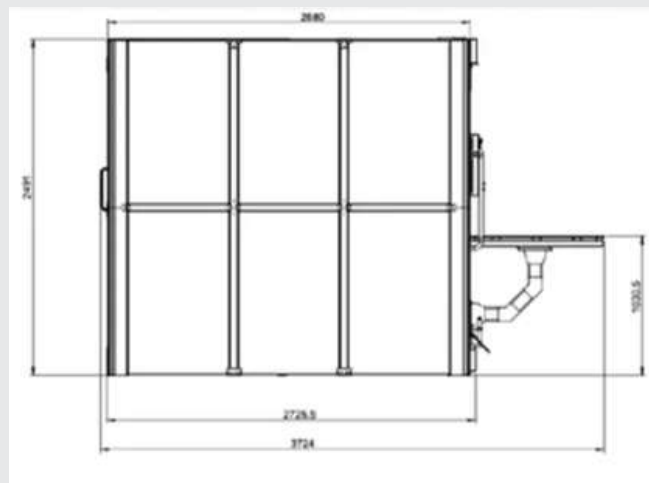
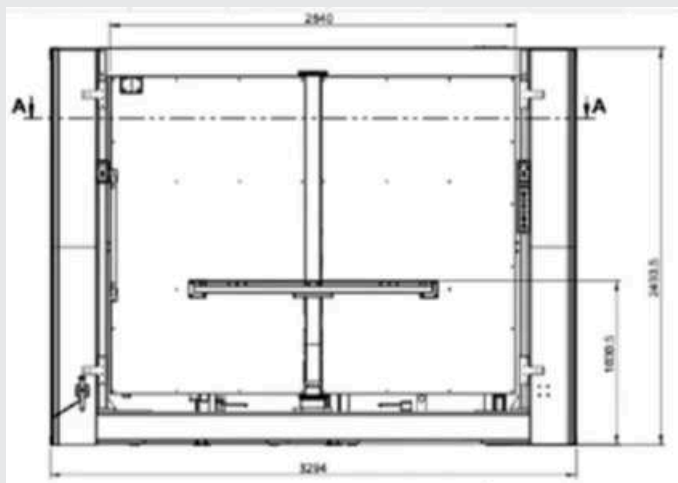
- A rotating platform where parts are placed for welding. The turntable can rotate 360 degrees or be programmed to move in specific intervals.
- Often divided into multiple sections or "stations" (usually 2 or 4), allowing parts to be loaded/unloaded on one side while welding is performed on another.
- Precision rotation helps ensure optimal angles and positioning for robotic welding.
- Weld plate dimensions: 1000 x 1500 mm

Benefits:

- Increased Throughput
- Consistency & Precision
- Versatility
- Space Efficiency
- Reduced Labor Costs
- Improved Safety

Benefits

- 1. Increased Throughput:** With a turntable setup, the robot can weld on one side while an operator loads or unloads parts on the opposite side, significantly reducing downtime.
- 2. Consistency & Precision:** Robotic welders ensure high accuracy and consistency across all parts, reducing the need for rework or adjustments.
- 3. Versatility:** EasyWelding Turn table can handle a variety of parts, making them suitable for different industries.
- 4. Space Efficiency:** Compared to other automated welding setups, EasyWelding Turntable are relatively compact and make good use of space, particularly in facilities where floor space is limited.
- 5. Reduced Labor Costs:** Automation reduces the need for manual welders, which lowers labor costs and minimizes the risk of human error.
- 6. Improved Safety:** By confining the welding process within a cell, it keeps workers at a safer distance, reducing exposure to welding hazards.



Product order overview

ETT 1001	EasyTurn Table	H:2500mm, W: 2700mm, L:2600mm, Wt:1900Kg , Base bracket, Grouting plate, Reinforced table, Perforated plate 1500x1000x12mm plasma nitride
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Distributor

Manufacturer and supplier of robotic cells
for all types of automation.

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