

EasyWeld Turn Table

Designed with both productivity and user comfort in mind



Introduction

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 turntablewelding cell



Features of Welding Turn Table

Higher Productivity & Efficiency

With the turntable setup, the robot welds on one side while an operator loads or unloads on the other, reducing downtime. The compact design also makes efficient use of space, especially in facilities with limited floor area.

Consistency, Versatility & Cost Savings

Robotic welders deliver high accuracy and consistency across all parts, minimizing rework. The EasyWelding Turntable can handle a wide variety of parts across industries, while automation lowers labor costs and reduces human error.

Enhanced Safety & Reliability

By confining the welding process within a cell, workers stay at a safer distance from hazards. At the same time, precision-driven automation ensures reliable output for every production run.

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.

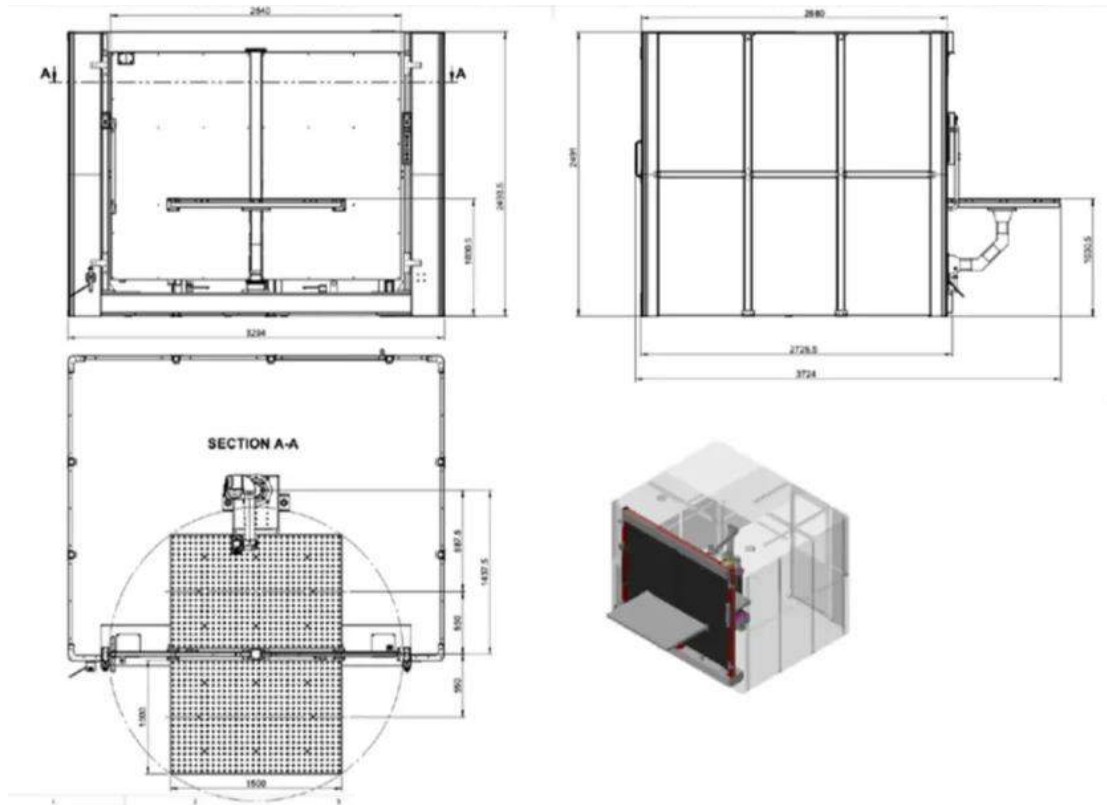
Turntable

- 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:** 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.
- **Consistency & Precision:** Robotic welders ensure high accuracy and consistency across all parts, reducing the need for rework or adjustments.
- **Versatility:** EasyWelding Turn table can handle a variety of parts, making them suitable for different industries.
- **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.
- **Reduced Labor Costs:** Automation reduces the need for manual welders, which lowers labor costs and minimizes the risk of human error.
- **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: 2500 mm, W: 2700 mm, L: 2600 mm, Wt: 1900 kg, Incl Siegmund
Welding plate W: 1000 x L:1500 mm

EasyRobotics[®]
- we move your parts

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