

INNOVATION IN WELDING



**W E L D
D Y N A M I C S**



SE-3000

PERFECTION IN WELDING
NO QUALIFIED PERSONNEL REQUIRED
NO WIDTH OR LENGTH LIMITS
WELDING SPEED 30 SECONDS PER METER
MAXIMUM 15 MINUTES PER M²



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Dear Customers,

We are pleased to introduce the **SE-3000 machine**, a significant advancement in welding technology, designed after more than four years of research and development. This innovative machine is engineered to maximize both speed and quality in the welding process, offering an efficient solution for companies seeking to optimize their operations and ensure a high-standard final product.

Key Features:

- Machine Dimensions: 4000 x 1300 x 2200 mm (height).
- Versatility in Dimensions: The SE-3000 has no limits regarding the width or length of the pieces to be welded, adapting to a wide variety of needs and projects.
- PVC Cord Winding System: Equipped with a rotating area that allows welding cord to be wound into coils for efficient machine use.
- Automatic Rotation System: Aligns the material in a maximum of 30 seconds per roll, ensuring a flat surface for optimal welding.
- Press System: Firmly secures the pieces to be welded, ensuring precise alignment before starting the welding process.
- Simplified Automatic Operation: With just one press of the "Start" button, the machine detects the beginning and end of the weld, feeds the material, performs the weld, cuts, and returns to the starting point automatically.
- Consistent Speed: Operates at 30 seconds per meter, achieving uniform and high-quality welds, minimizing the risk of failures and the need for repairs.
- Air Emission Tables: An air system facilitates the movement of pieces for optimal sliding.
- Dual Work Area: When placing the piece on the right side, the machine allows welding on the left side, optimizing workflow.
- LED Lighting: An LED light along the entire machine provides precise visibility when positioning pieces for welding.
- Custom Manufacturing: We adapt the machine's dimensions according to each customer's specific needs.

Competitive Advantages:

- Increased Productivity: The SE-3000 increases production by 65% compared to manual welding, reducing the risk of errors.
- Guaranteed Quality: The automated process ensures consistent, high-quality welds.

Commercial Details

Includes:

- Manufacturing of the machine at our facilities.
- Testing and training for the customer at our facilities, ensuring proper machine operation.

Excludes:

- VAT.
- Packaging.
- Transportation.
- On-site setup at the customer's location (not necessary).

Additional Considerations

The machine is equipped for connection to a fume extraction system. It is recommended to maintain adequate ventilation in the work area to protect the operator's health.

Amortization

Investment in the SE-3000 does not require specialized welding personnel, as the machine performs the entire process automatically. Operating 8 hours daily, the machine's amortization is estimated at a maximum of two and a half years.

Conclusion

The SE-3000 machine represents an essential investment for companies looking to maximize productivity and ensure quality in their welding processes. For more information or to schedule a demonstration, please feel free to contact us.



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