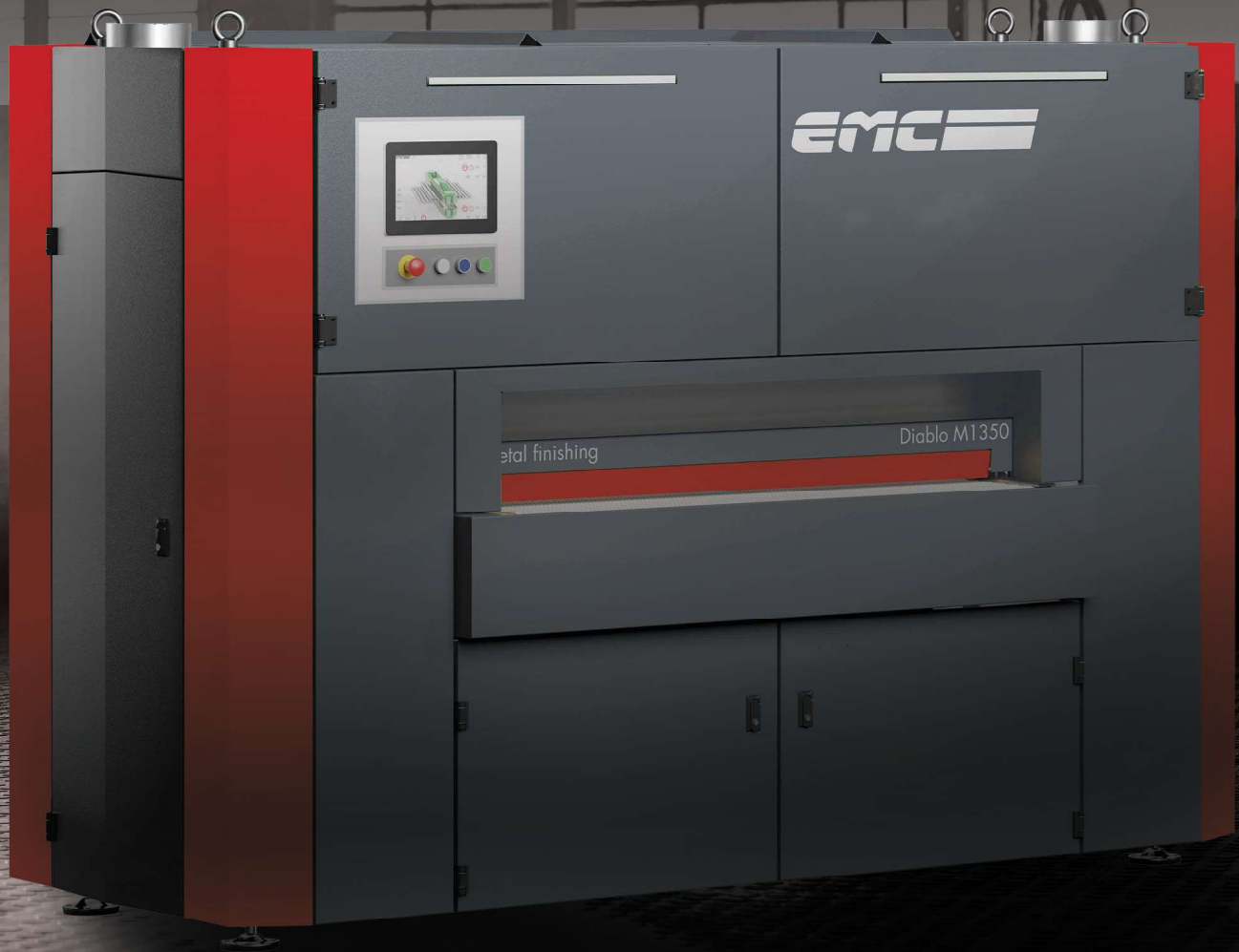


THE DIABLO

1300



THE DIABLO

SPECS

General Info

The DIABLO 1300 is MC Finishing’s most advanced solution for dual-sided metal finishing—engineered to process both the top and bottom of the workpiece in a single pass, dramatically reducing handling time and increasing throughput without sacrificing precision. With powerful, configurable brush and roller systems, it tackles deburring, edge rounding, oxide removal, and deslagging in one continuous operation.

Optimized for versatility, it delivers consistent, high-quality results across a wide spectrum of applications and materials, including carbon steel, stainless steel, aluminum, galvanized parts, and advanced alloys. From delicate thin-gauge sheets to heavy plate, whether you’re preparing laser-cut components or plasma-cut profiles, it ensures a clean, uniform finish that’s ready for coating, welding, or assembly. Built for productivity. Engineered for results.

Key Features

- Large Working Capacity**
Handles part widths up to 51.2” (1300mm) and thicknesses from 0.02” to 3.15” (0.5mm to 80mm) — perfect for a wide range of applications.
- Variable Feed Speed with Inverter Control**
Fine-tune your feed rate using the built-in inverter, giving you full control over the finish.
- Touchscreen PLC Interface**
The user-friendly control panel puts power at your fingertips. Adjust settings and monitor operation through a streamlined touchscreen interface.
- Operator-Friendly Design**
With a fixed 35.4” (900mm) working height, ergonomic layout, and single-operator setup, the 1300 is built for comfort and simplicity.

Available Systems

Model	Working Width	Working Units	Material Thickness	Table Height	Motor Power	Control Interface
1300	51.2" (1300mm)	Top and Bottom Brush Unit (C)	0.02" - 3.15" (0.5mm - 80mm)	35.4" (900mm)	(2) 7.5 HP (5.5 kW)	7" Touchscreen PLC

THE DIABLO

FEATURES

The DIABLO comes equipped with a variety of efficient and time-saving features that help to boost your shop efficiency and performance. Here is a look at all of the very best features to sort from:

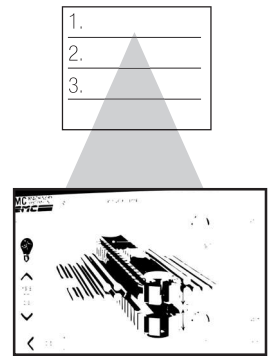
Automatic Caliber

Attached to each machine is an automatic caliber that automatically detects and adjusts to material thickness for faster setups and consistent results.



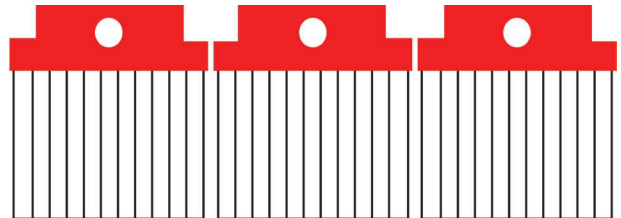
Recipe Storage

With the recipe storage, you can select a recipe that you want to work with and it will automatically set up the program, helping to reduce set up time and increasing productivity.



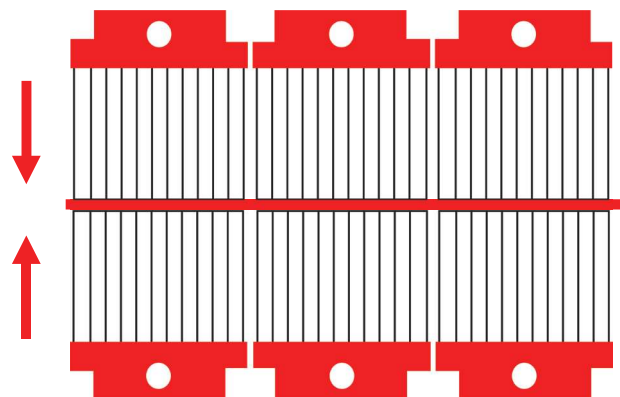
Quick Change Abrasives

Designed for efficiency, the quick-change mechanism allows operators to replace brushes or rollers in just minutes. This minimizes downtime, enables fast setup for different materials or processes, and keeps production running at peak performance.



Top and Bottom Finishing

The DIABLO processes both sides of the workpiece simultaneously, eliminating the need for multiple passes or manual flipping. This not only reduces handling time but also delivers a consistent, uniform finish on every surface.



SUPPORT

PREMIER TRAINING, SERVICE AND SUPPORT

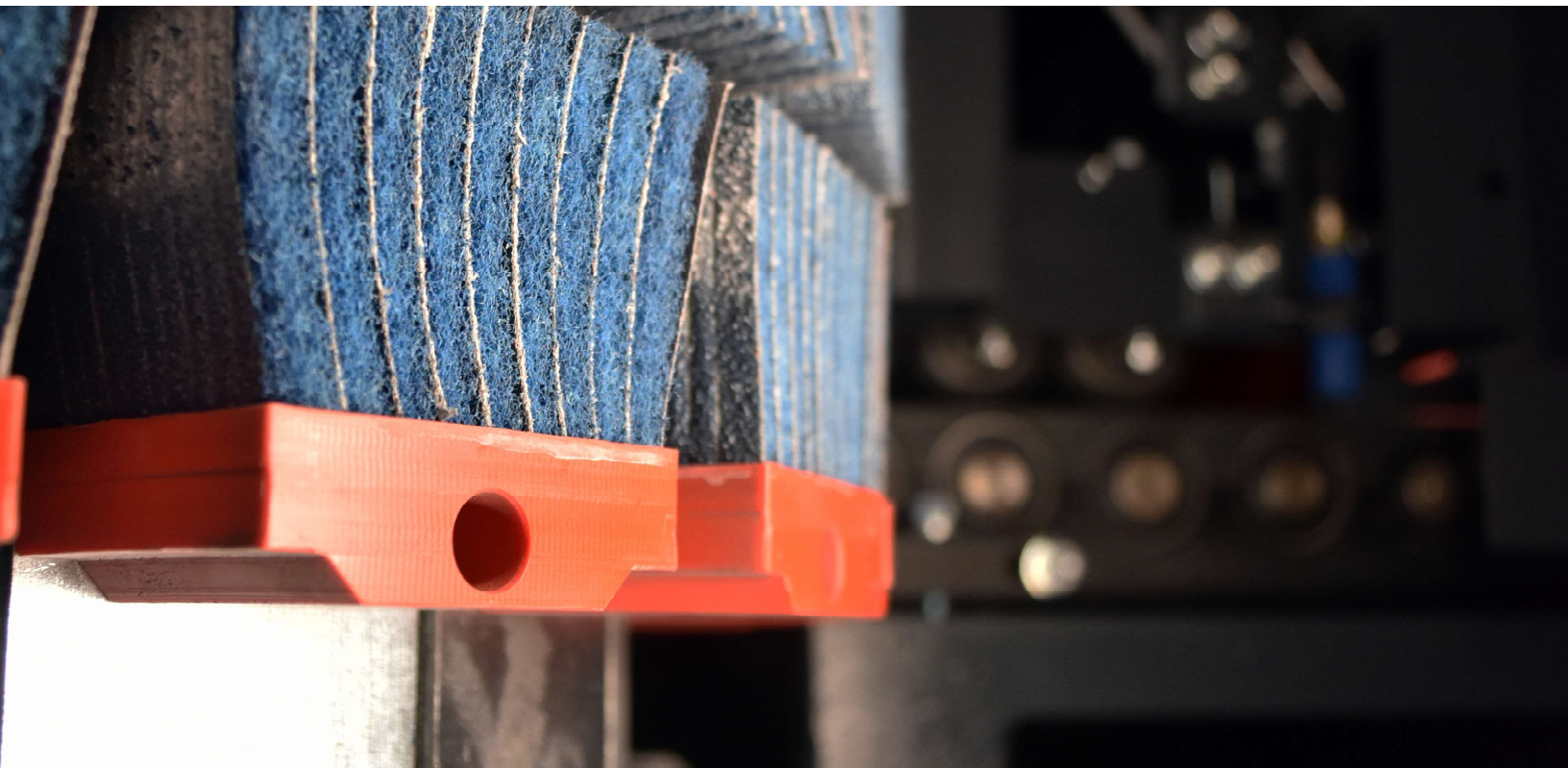
Regionalized Service Network

With our industry-leading regionalized service network, we have the most experienced, knowledgeable and responsive employees in the industry. We're here for you with phone support, operation training, on-site service, parts inventory, and a robust, interactive website.

- With regionalized locations throughout North America, we can respond promptly to your service needs.
- We have the largest fleet of service vehicles in the field—three times more than any other company in the industry.
- From installation and on-site training to support and service throughout the life of your system, our national service network is just a phone call away.
- You'll have access to 24/7 support, a detailed interactive parts catalog, printable machine manuals, and software.

Application Support

The value of our support stretches well beyond service, parts and training. Our experienced and creative team members put their knowledge and problem-solving skills to work for you—offering application and engineering support that includes creating specialized shop-floor setups that work harder and get better results. Whether developing integrated manufacturing cells from the ground up or adding specific solutions to complement existing operations, our pre-sales, sales, installation and application support staff can help you eliminate bottlenecks, improve accuracy, and drive throughput.



ABOUT US

EMC is a global leader in finishing solutions for the metal fabrication industry. Founded in Italy and backed by over 40 years of engineering expertise, EMC designs and manufactures advanced machines for deburring, edge rounding, slag removal, oxide elimination, and surface finishing. Every system is built with precision, performance, and flexibility in mind—offering modular designs that adapt to a wide range of materials, part sizes, and production demands.

From compact, entry-level machines to heavy-duty, multi-head systems, EMC delivers consistent, high-quality results that help fabricators reduce manual labor, improve part appearance, and meet the strictest customer standards. With a reputation for reliability and long machine life, EMC has become the finishing partner of choice for shops across the globe—from small job shops to high-volume OEMs.

Driven by a passion for innovation and a deep understanding of fabrication needs, EMC continues to set the standard in automated finishing.

Our Values

- **Precision & Craftsmanship**
We build machines with meticulous attention to detail, ensuring long-term reliability and exceptional finish quality.
- **Innovation-Driven**
We embrace continuous improvement, integrating the latest technology to meet evolving fabrication needs.
- **Customer Partnership**
We work closely with our customers to understand their goals and provide solutions that truly fit.
- **Integrity & Accountability**
We stand by our work, our word, and our customers—every step of the way.





**FINISHING PO
UNL**



**POWER
LEASHED**



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