Surfex® SRS

800 mm | 1000 mm | 1300 mm | 1600 mm

The Surfex® SRS is built for manufacturers seeking precise deburring, edge rounding, and a refined line-grain finish in a single, efficient process. Engineered to handle slag removal, burr elimination, and superior surface finishing, it ensures metal parts are fully prepped for coating, welding, and assembly. Whether processing stainless steel, carbon steel, brass, or aluminum, the Surfex® SRS delivers consistent quality, efficiency, and reliability, making it a key asset in modern fabrication lines.

Unmatched Deburring and Line-Grain Finishing

LG Finishing · Edge Rounding · DeBurring · DeSlagging · De-Oxidizing

EvoFlow® Conveyor System · Drum Head Module · Rotary Brushes Module · ***EvoGrit® 3.0*** Abrasives · 270° Rotary Console

THE EVOTEC® DIFFERENTIATOR

Automated Abrasive Control

Automatically adjusts abrasive compensation, belt balancing, and tracking correction, ensuring consistent precision and efficiency with every pass.

AirLock® or MagniLock® System

Dual-action self-cleaning vacuum adsorption or optimized magnetic adsorption efficiently processes small workpieces while maintaining stable and reliable retention.

Smart Parameter Recall

Stores and retrieves pre-programmed process parameters, allowing operators to quickly recall settings for repeatable, high-accuracy processing.

Multi-Layered Safety Protection

Includes auto power cut-off, anti-pinch mechanisms, and a rapid 4-second emergency braking system, providing enhanced workplace safety.

Intelligent Maintenance Monitoring

AI-powered real-time monitoring providing intelligent maintenance alerts to maximize uptime and efficiency.

Instant Operational Readiness

Designed for seamless deployment, evotec® machines require no complex setup—just plug them in, power up, and start processing immediately.

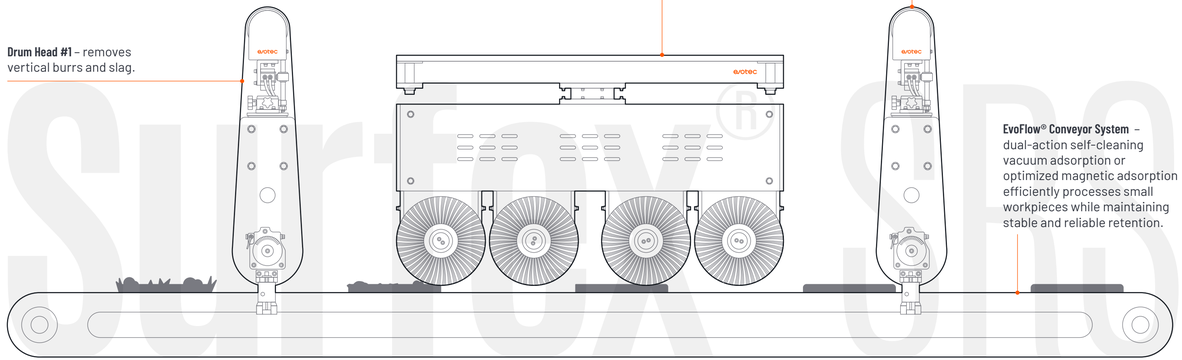
CONFIGURATION

The Surfex® SRS uses a three-stage process for precise finishing. The front Drum Head removes vertical burrs and slag, while Rotary Brushes in the middle refine edges and smooth surfaces for better coating adhesion. A second Drum Head at the end applies a line-grain finish, ensuring a consistent, high-quality surface ready for downstream processes.

Drum Head #1 – removes vertical burrs and slag.

Rotary Brushes – performs edge rounding and smooths surfaces for a refined finish

Drum Head #2 – applies line-grain finishing for a consistent brushed texture.



EvoFlow® Conveyor System – dual-action self-cleaning vacuum adsorption or optimized magnetic adsorption efficiently processes small workpieces while maintaining stable and reliable retention.

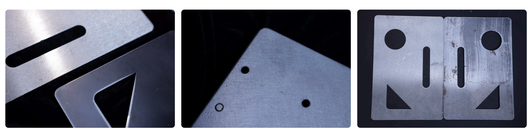
CUSTOMIZATION CAPABILITIES

evotec® machines offer a range of configurable options, allowing manufacturers to adapt their equipment for specific processing needs. From dust extraction to modular abrasive configurations, each customization enhances performance and optimizes workflow efficiency.

Wet Extraction System	Optional add-on
Dust-removal Workpiece Retention Mechanism	evotec® AirLock® or MagniLock® System
Flexible Abrasive Module Configuration	±1 Drum Head
Conveyor Self-cleaning Module	Electric Rolling Brush
Dual-sided finishing	Revolving Line Solution

SAMPLES

Processable Materials: Stainless steel, carbon steel, aluminum, brass and cold plate



See the precision and consistency of evotec®'s finishing solutions in the samples above. We tailor our finishing solutions to meet the unique requirements of each production line, ensuring optimal results for various materials and applications. Connect with our sales team to discuss your specific needs and request a sample run to experience the evotec® difference firsthand.

SPECIFICATIONS

Model	SRS 800	SRS 1000	SRS 1300	SRS 1600
Max. Workpiece Width	800 mm	1000 mm	1300 mm	1600 mm
Conveyor Belt Speed	0.5 - 7 m/min	0.5 - 7 m/min	0.5 - 7 m/min	0.5 - 7 m/min
Max. Table Load Capacity	300 kg	500 kg	700 kg	700 kg
Min. Workpiece Size (W × L)	50 × 50 mm	50 × 50 mm	50 × 50 mm	50 × 50 mm
Max. Workpiece Height	0.5 - 100 mm	0.5 - 100 mm	0.5 - 100 mm	0.5 - 100 mm
Abrasive Belt Dimensions (L × W)	1900 × 820 mm	2200 × 1020 mm	2200 × 1320 mm	2200 × 1320 mm
Rotary Brushes (Multiple)	300² × 40 (mm. set of 4)	300² × 40 (mm. set of 6)	300² × 40 (mm. set of 8)	300² × 40 (mm. set of 8)
Electrical Input	400 V | 50 Hz 120 A	400 V | 50 Hz 150 A	400 V | 50 Hz 240 A	400 V | 50 Hz 270 A
Rated Power Consumption	39 kW	50 kW	79 kW	88 kW
Machine Dimensions (L × W × H)	3.3 × 1.65 × 2.25 m	3.7 × 1.85 × 2.25 m	4.2 × 2.25 × 2.3 m	4.2 × 2.25 × 2.3 m
Machine Weight	3000 kg	3500 kg	5700 kg	6500 kg
Upstream Processes	Laser cutting, flame cutting, waterjet cutting, NTC punching, and die casting			
Downstream Processes	Bending, forming, welding, powder coating, painting, and assembly			

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evotec

Up Step The

HEADQUARTERS

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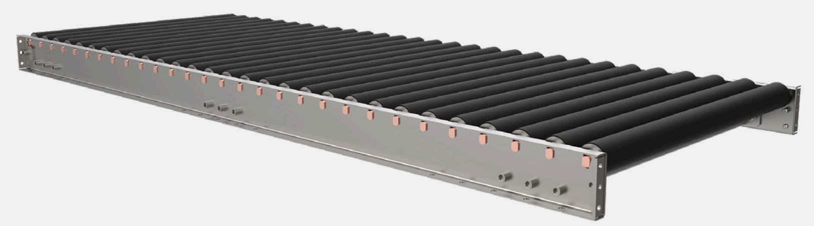
evotec® Three Core Technologies

EvoGrit® 3.0 Abrasives
– Engineered for Toughness. Built to Last.

EvoGrit® 3.0 Abrasives are engineered for maximum durability, delivering consistent, high-quality finishes across all evotec® sanding and brushing heads. Designed for long-lasting use, these abrasives reduce the frequency of replacements, cutting operational costs. Available in exclusive configurations for Drum Heads, Rotary Brushes, and Top Brushes, they provide precise deburring, slag removal, and flawless surface finishes with every pass.



EvoFlow® Conveyor System
– Fixed in Place. Perfect in Finish.

The The EvoFlow® Conveyor System ensures precise workpiece retention using either AirLock® Vacuum Retention or MagniLock® Magnetic Holding. AirLock® features powerful suction and a self-cleaning dust system to securely hold small workpieces, maintaining a clean operation. Alternatively, MagniLock® uses high-strength NdFeB magnets for superior retention of ferrous materials and includes an integrated cleaning system to ensure consistent performance.

EvoTrack® MCS
– Intelligent Control. Precision Execution.

EvoTrack® MCS powers evotec®'s automation, ensuring precise parameter recall, real-time monitoring, and optimized processes. Adaptive automation adjusts abrasives and belt tracking for consistent performance, while smart memory recall stores parameters for repeatable results. With Predictive maintenance, the system minimizes downtime by providing proactive alerts, maximizing uptime and efficiency.

Efficiency that Empowers

evotec® combines over 42 years of industry expertise with cutting-edge automation to redefine deburring, edge rounding, and surface finishing. With an 800,000 M² super factory, a global workforce of 1,800+ professionals, and dedicated R&D centers, evotec® is built for high-performance manufacturing. Our global presence spans offices in Germany, Turkey, Hungary, Hong Kong, Mainland China, Japan, the United States, Mexico, and Brazil, enabling us to deliver precision and innovation across the world.

800K+ M²	2K +	8 +	1.8K +	2 +	100 +
manufacturing facility	machines delivered yearly	global offices	employees worldwide	technology centers	dedicated R&D engineers

The Step Up

We empower manufacturers to work smarter, not harder. By automating repetitive tasks and streamlining workflows, we free up time for what truly drives progress —creativity, innovation, and precision engineering. Our intelligent systems ensure every edge is perfected, every surface refined, and every process optimized, delivering efficiency without compromise.

"What I appreciate most about the Surfex SRS is its automated abrasive control, which ensures an even, stable line-grain finish with every pass. As a small manufacturer supplying home appliance makers, we strive to improve yield and optimize quality control. Every part must meet strict surface standards before reaching our clients. The Surfex SRS makes that effortless."

Joon-Ho Park, QC, Daesung Components

evotec THE STEP UP

Surfex® SRS

SHEET METAL FINISHING

Precision Deburring and Line-Grain Finishing in One Pass

Heavy-Duty Support Structure
20-30% Energy Savings
3rd Gen Abrasives
99% Dust Removal Efficiency