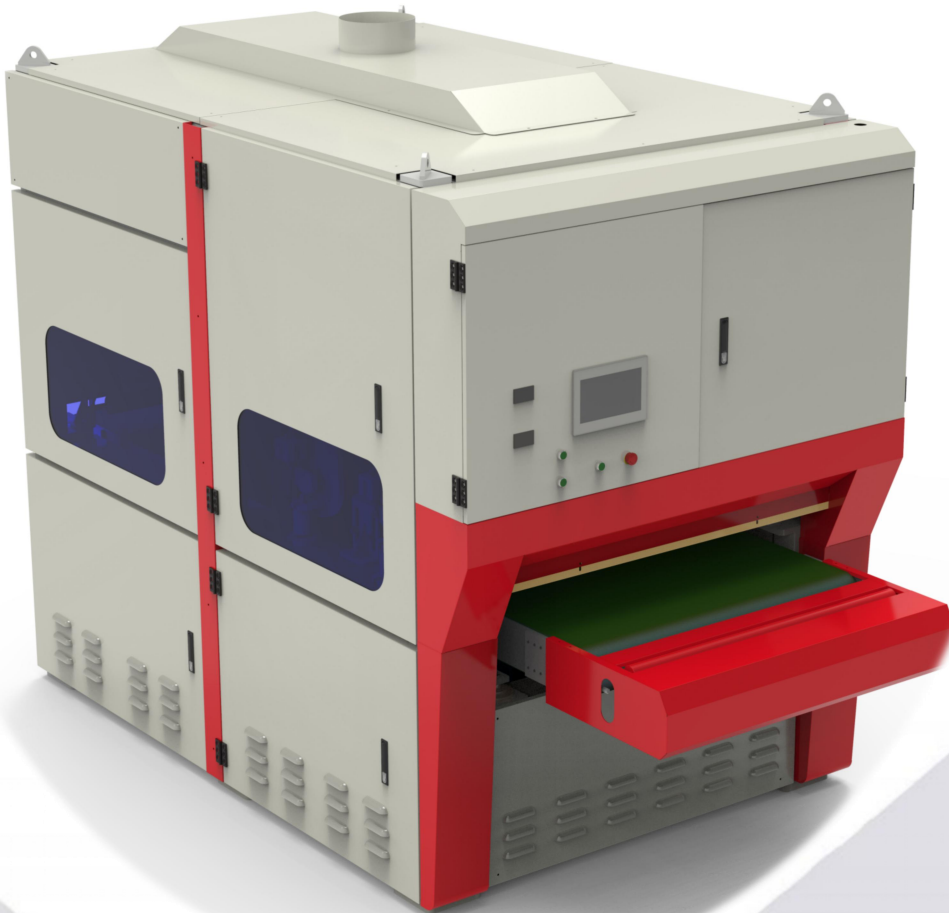


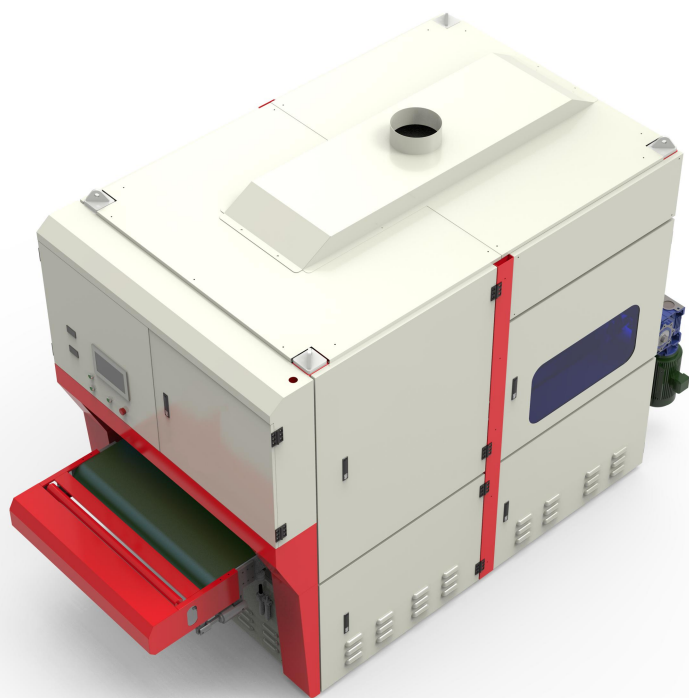
SMC

Smith Machinery
Company, Inc.



METAL
DEBURRING MACHINE

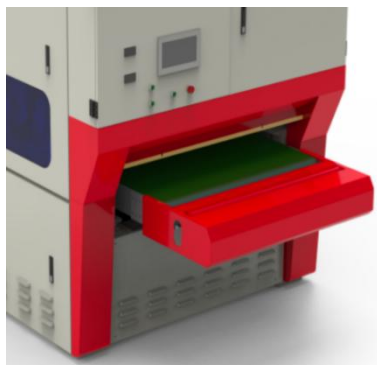
F1-SSD-M 630/1000/1300/1600



High-power laser cutting, laser air cutting, plasma, water jet cutting and punching leave burrs. Depending on the shape, material and dimensions of the component, various grinding and deburring are used for mechanical deburring. We can customize the size and function based on customers need to save the processes and making significant savings in labor and time.

MODEL	SSD 630	SSD1000	SSD1300	Customized Model
Maximum piece width	800mm	1000mm	1300mm	630-1600mm
Processing thickness	1mm-50mm	1mm-50mm	1mm-50mm	1-150mm
Mimumum working size	50mm*50mm*1mm	50mm*50mm*1mm	50mm*50mm*1mm	50mm*50mm*1mm
Feeding speed	1-7m/min	1-7m/min	1-7m/min	1-7m/min
Total power	18KW	45.75kw	52.75kw	Customized
Working air pressure	0.4kp-0.7kp	0.4kp-0.7kp	0.4kp-0.7kp	0.4kp-0.7kp
External dimensions(mm)	2600*1100*2000	3700*1700*2300	4100*2100*2300	Customized
Weight	1862kgg	3800kg	4000kg	Customized
Voltage	Three-phase 380v			

COMPONENTS INTRODUCTION



FEEDING CONVEYOR

There are two types of the feeding conveyor:
Strong permanent magnet adsorption ;
Vacuum negative pressure adsorption.



CONVEYOR MOTOR

The speed of the feeding conveyor can be adjusted from 3ft/min to 22ft/min to better match different materials.



UNIVERSAL ROLLER BRUSH

Through the alternating and self rotation, the roller brush grinds the workpiece all around to achieve deburring and fillet corner processing.



DOUBLE SAND BELT

Standard model with two sets of wide sanding belt working at high speed to remove Burrs, oxide, scales, polishing etc.



PULISHING ROLLER

The polishing roller is the option for grinding stainless steel, polishing and mirror treatment.



CONTROL SYSTEM

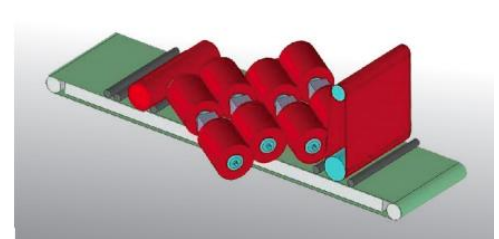
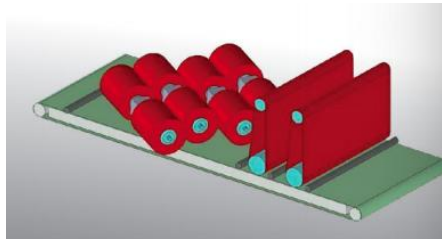
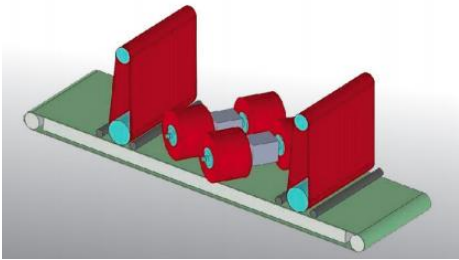
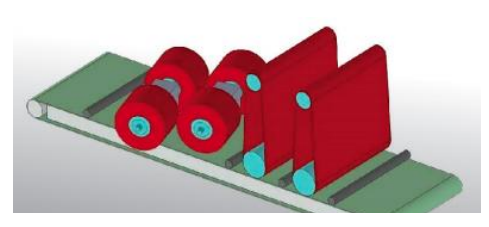
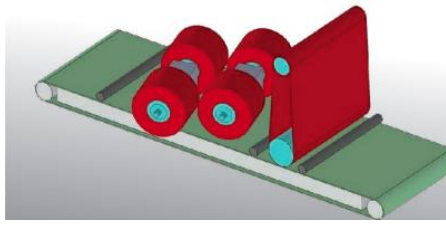
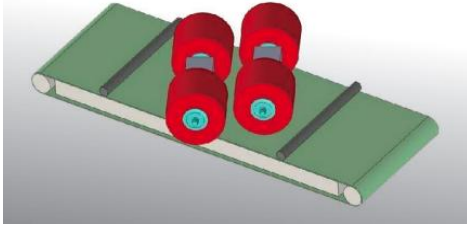
Using PLC touch screen control system with clear button, sound functions and easy to operate.



ELECTRICAL CONTROL CABINET

Standardized assembly line operation makes every line connected accurately. Electrical components are all using the parts can find from shelf making the machine safe and stable.

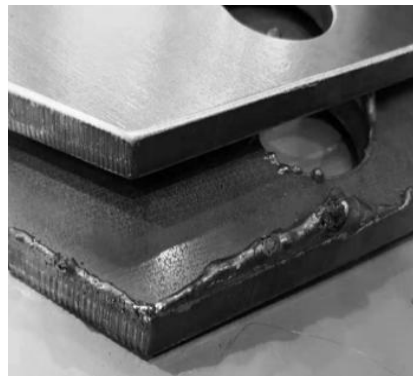
POLISHING METHODS



POLISHING IMAGE



DEBURRING



DESLAGGING



EDGE ROUNDING



POLISHING

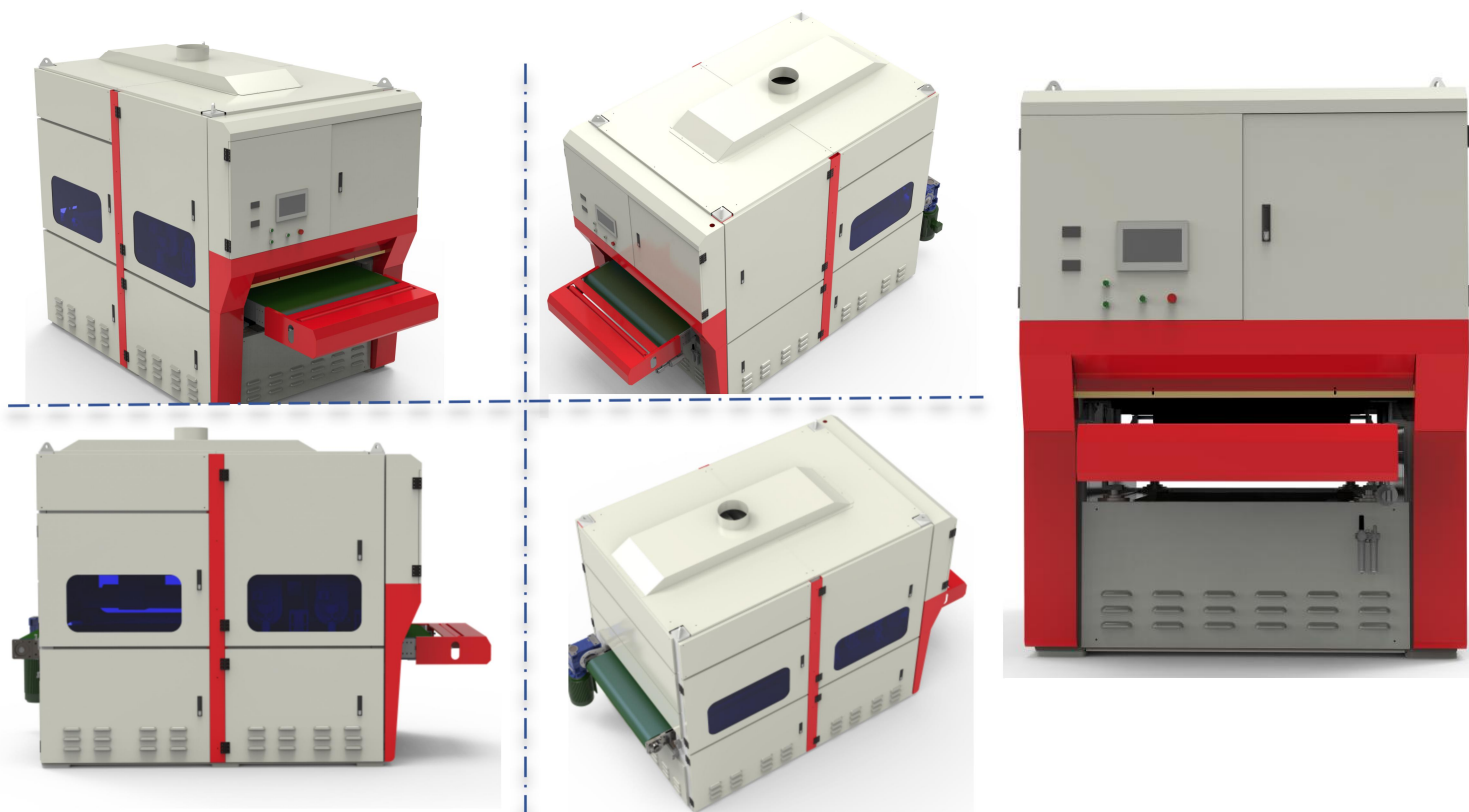


OXIDE REMOVAL



FINISHING

MACHINE PICTURES



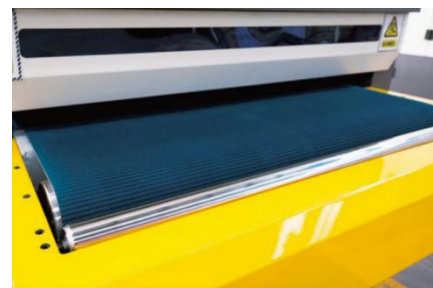
DUST COLLECTOR



DUST COLLECTOR PARAMETERS	
Air flow (m ³ /h)	5500-7500
Air pressure(pa)	2500
Filters number	6
Filtering area(m ²)	60
Filtering precision (um)	0.3-1
Compressed air pressure (Mpa)	0.4-0.6
Working voltage	380v/60hz
External dimensions(mm)	1150*1150*2300
Weight(kg)	350

CONSUMABLE PARTS

Sand belt, polishing roller, drawing roller, universal roller and abrasive belt



FACTORY PICTURES



