INDUSTRIAL MACHINERY SALES & SERVICE P/L
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Titan SR-DC Series

Metal Deburring Machine all-in-one

Oxide removal | Deslagging | Chamfer | Polishing | Deburring

Features

The **Titan SR-DC** is a powerful all-in-one deburring and chamfering machine designed specifically for laser-cut parts and other metal components.
Featuring a high-speed sanding belt and precision roller brush system, it efficiently removes burrs, slag, and sharp edges while creating a clean, uniform chamfer on both inner and outer contours.
The result is smoother, safer, and more consistent parts – ready for finishing or assembly.

A perfect match for laser cutting machine owners looking to improve edge quality and reduce manual grinding time.

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Specifications

MODEL NO.	SR-DC800	SR-DC1000	SR-DC1300	SR-DC1500
Working table	Full magnetic			
Working width	800mm	1000mm	1300mm	1500mm
Working thickness	0.8-80mm			
Min working piece	30*30mm for magnetic			
Feeding speed	1-10m/min (adjustable frequency)			
Conveyor belt motor power	1.5kw	2.2kw	3kw	
Platform lifting power (KW)	0.75KW	1.5KW		
Sanding belt size	820*1900mm	1020*2200mm	1320*2200mm	1320*2200mm
Sander Belt number	2pcs			
Sand belt motor	7.5kw*2	11KW*2	15KW*2	22KW*2
Sanding belt speed	18m/s			
Roller brush diameter	Φ300мм×300мм		Φ300мм×400мм	
Roller mesh	40-150 mesh as options			
Number of roller brushes	6 pcs		8 pcs	
Roller brush rotation speed	8~26m/s			
Roller brush revolution speed	1-15rpm			
Rotation motor power (KW)	2.2KWx3	2.2KWx3	3KWx4	4KWx3
Revolution motor power (KW)	1.5KW	1.5KW	2.2KW	3KW
Chamfering lifting power (KW)	0.75KW			1.5KW
Possibility of rounding	R0.1-R1.5mm			
Voltage	AC380/415V/50HZ			
Power (not incl. dust collector)	27.5kw	35.5kw	51kw	66.5kw
Weight	3800KG	4500KG	5500KG	6000KG
Consumable parts	Sander belt and brushes			
Price				
Consumable parts	Sander belt and brushes			

Optional

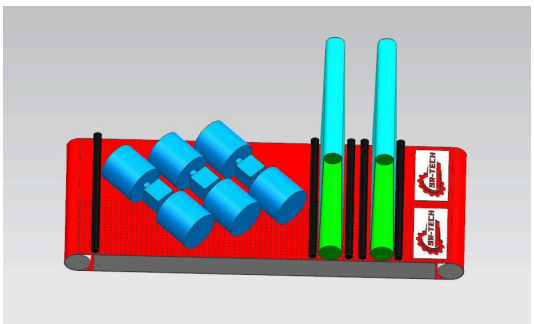
- Hammer Module (for heavy slag)
- Polishing Module
- Dust collector

Customisable Structures & Modules

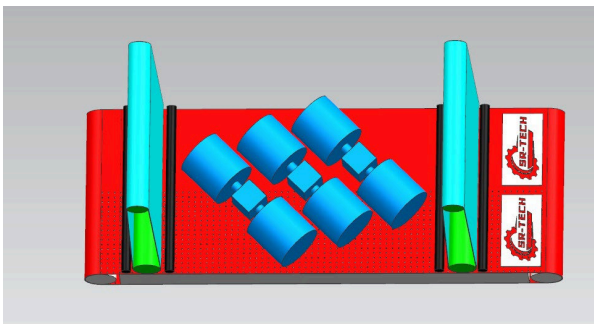
The SR-DC can be tailored to suit your application. Modules can be added when ordering, including:

- Additional sanding belts for wider parts
- Extra edge-rounding brushes for large or thin workpieces
- Hammer module for slag removal on plasma-cut parts

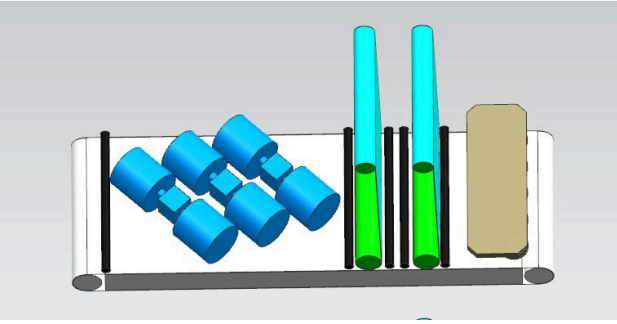
Built to adapt — whatever your production needs.



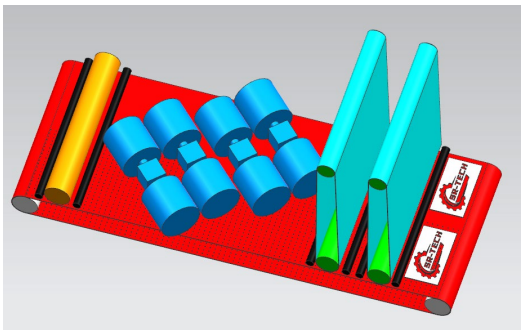
Deburring + Edge Rounding



Deburring + Edge Rounding + Fine Sanding



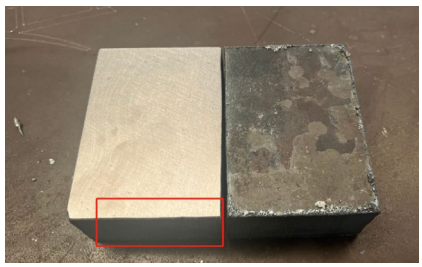
De-slagging + Deburring + Edge Rounding



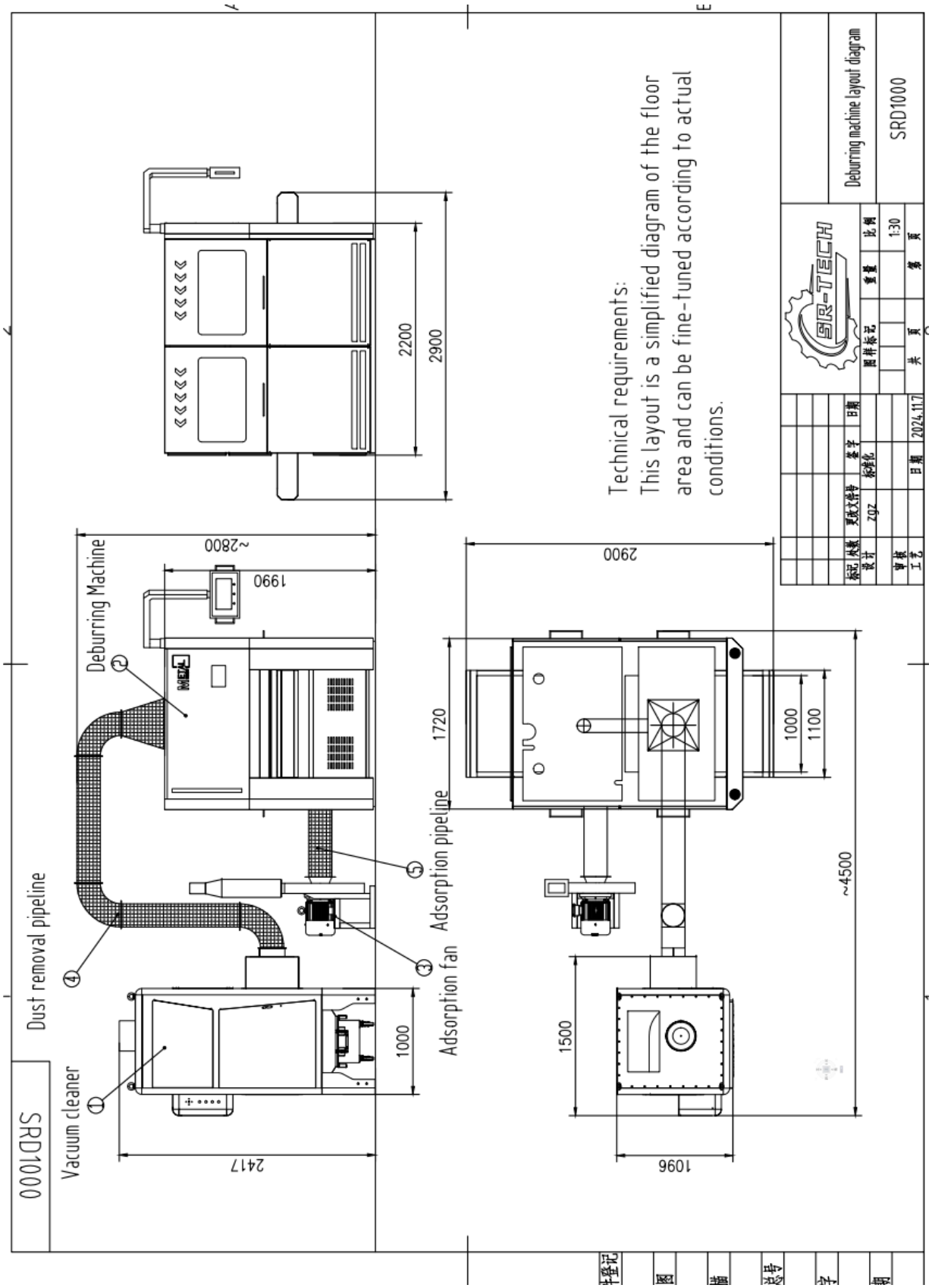
Deburring + Edge Rounding + Polishing

Before & After Comparison

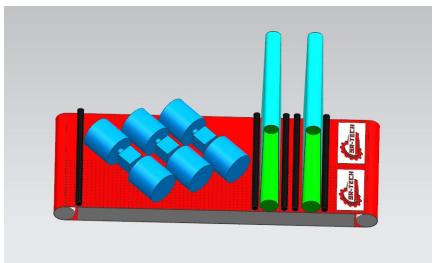
See the difference.
The SR-DC delivers clean, smooth edges and consistent chamfers — no more sharp burrs or heavy slag.
Real sample photos from laser-cut and plasma-cut parts.



Layout

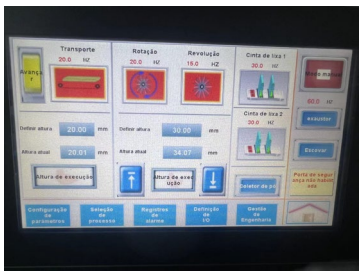

Technical requirements:
This layout is a simplified diagram of the floor area and can be fine-tuned according to actual conditions.
Deburring machine layout diagram
SRD1000
SR-TECH
Deburring Machine
Dust removal pipeline
Vacuum cleaner
Adsorption pipeline
Adsorption fan
~2800
1990
2200
2900
1720
1000
1100
~4500
1500
1096
2417
1000
SRD1000

Machine main parts



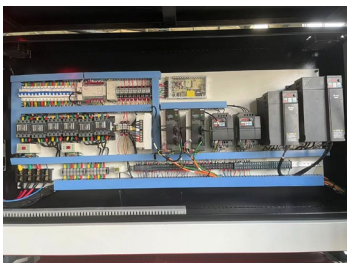
Sanding paper for removing slag
Roller Brushes for edge rounding

Conveyor belt with high friction coefficient, high temperature resistance.



LED touch screen, more convenient to operate the machine

Door open safety function

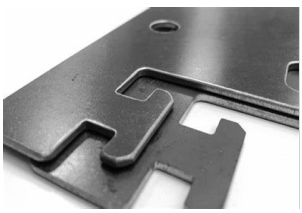


Control cabinet with all safety protect parts

Eccentric structure to protect the sanding belt and roller

Working ability

Suitable for cleaning Slag and burrs after fibre laser cutting, flame cutting, plasma cutting work, and some edge rounding work.



Multiple certificates:

Any other information please feel free contact us.

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