MACHINERY

ARMPRE Machinery CO.,LTD

Add:Floor 12 Guting Build， Hefeng Creative Square No.4
95,Jiangdong North Road, Ningbo, China
E-mail:sales@armpre.com

SUPERB IN PROPOSAL
GREAT AT POLISHING

ARMPRE

MACHINERY

ARMPRE Machinery CO.,LTD

ARMPRE

From standalone units to fully automated deburring and edge rounding solutions, ARMPRE solves your surface finishing challenges for all over the world, while we deliver consistent, high-quality edges and clean surfaces on every part.

In modern precision manufacturing, deburring is no longer a peripheral process, but a turnkey project that helps you eliminate potential quality issues and reduce overall costs. ARMPRE has been deeply involved in sheet metal deburring for over 20 years, focusing on solving surface challenges such as sharp edges, burrs, and slags after laser cutting, stamping, and plasma cutting. Strictly adhering to ISO 9001 quality standards, we offer you technology with a radius (R) accuracy of 0.1mm.

We not only provide you a full range of deburring solution, including dry, wet, and universal roller brush systems, but we are also committed to reducing your reliance on manual labor by 70% and increasing production efficiency by 300%. Our high-efficiency dust collection system purifies your workshop environment from the beginning, ensuring a comprehensive occupational health for your members. Choosing us means choosing a future-oriented, intelligent, and flexible production solution.

ARMPRE

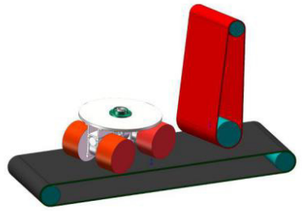
STR-W series

ARMPRE Machinery CO.,LTD.
MACHINERY
SUPERB IN PROPOSAL
GREAT AT POLISHING

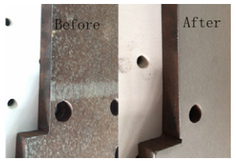
Equipment functions

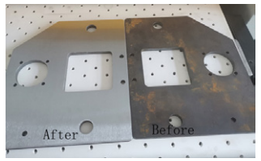
Equipment functions:It is used for stamping, laser, plasma cutting, machining and other processes to remove burrs, flash, smooth edges and chamfers. The contact roller is mainly used for the pretreatment of large burrs in the horizontal direction and the surface drawing of the entire board; the four sets of brush rollers are rotated in both directions to ensure a continuous and uniform grinding effect. Efficient and clean processing characteristics are suitable for the workpiece to enter the next hemming, surface spraying, welding and other processes. It solves the problems of low efficiency and inconsistent grinding of workpieces.

Equipment Diagram



Processed Part





Vacuum cleaner (with spark catcher)

Pulse filter dust collector (with spark catcher)

Features

Wide abrasive belt contact roller;
Four groups of flexible brush rollers;
Vacuum adsorption workbench, suitable for processing thin plates and small workpieces, can safely pass materials;
For the removal of burrs on the surface of the workpiece, the corners are chamfered and the surface is consistent;
Low processing cost and low energy consumption;
Convenient operation, touch screen operation panel, LED light source inside the device, easy to observe the workpiece processing.

Suitable for processing

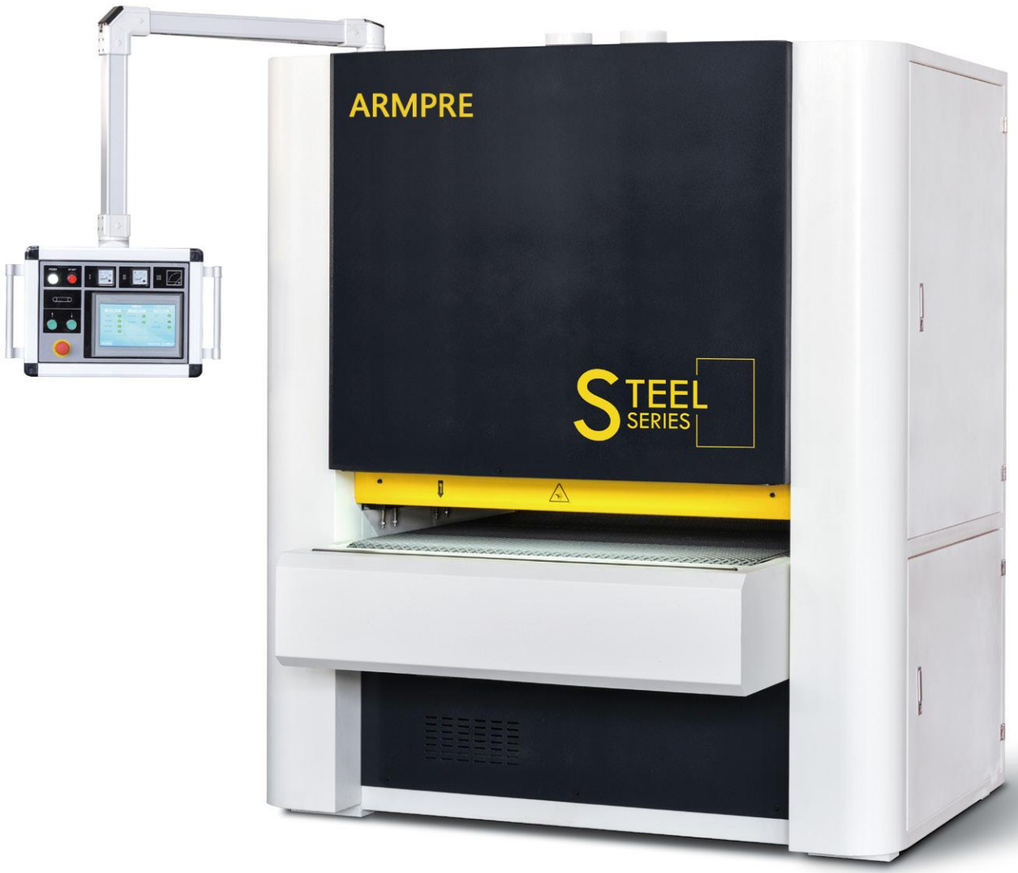
Carbon steel, stainless steel, aluminum, copper and other metal materials. Machined parts with a thickness in the range of 0.5-100mm and a width in the range of 1400mm.

ARMPRE

STR-Y series

MACHINERY

SUPERB IN PROPOSAL
GREAT AT POLISHING

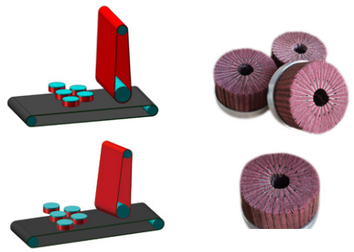


Equipment functions

The R-Y series deburring machine is a device for processing by means of contact rollers and brush plates. It is mainly used for the surface treatment of flat plates in the sheet metal industry, such as laser, plasma cutting, punching, plate reduction, mechanical processing and other equipment. Removal of residual burrs on the surface of flat plates.

Equipment Diagram

Processed Part



Features

Through type processing, the surface is brushed to the surface at one time, remove the burrs, remove the slag, etc.
Broadband contact rollers are used for the surface of the workpiece
The broadband contact roller can be switched forward according to the actual situation during work;
Swipe plates are used to remove corner slag, burrs , smooth edges;
Vacuum adsorbent workbench can be safe for processing for thin plates and small workpieces;
The two sets of restaurants can be processed separately to meet various process requirements
Clean the brush roller underneath to remove the metal plate residue in the process of removing the conveyor belt;
Low processing cost and low energy consumption;
The operation is convenient, the touch screen operating panel, the inside of the device is equipped with LED light sources to observe the processing of workpieces.

Suitable for processing

Carbon steel, stainless steel, copper, aluminum, zinc plate and other metal materials.
The equipment processing width is 630mm, 1000mm, and 1300mm; if the product width is greater than 1300mm, it can be customized separately.
You can confirm the configuration of the device according to the requirements of the on-site processing process

Double abrasive belt combined with brush disc equipment can be used to remove the melt and chamfer
Vacuum cleaner (with spark catcher)

Pulse filter dust collector (with spark catcher)

ARMPRE

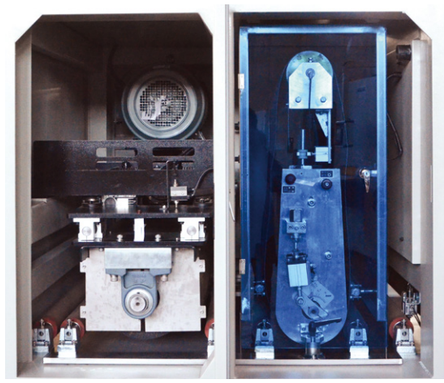
ARMPRE Machinery CO.,LTD.

WS series

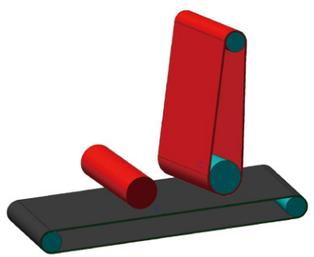
MACHINERY

SUPERB IN PROPOSAL
GREAT AT POLISHING

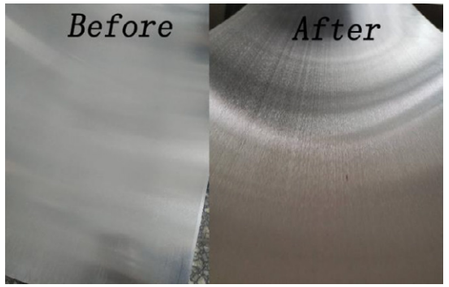
Sheet metal stamping,
laser cutting and other
industrial metals



Equipment Diagram



Processed Part



Function

It is used to remove the longitudinal burrs of laser cutting, stamping and water knife cutting workpiece. The device can complete the large bargain and the surface drawing at one time. It is used for large flat sand light treatment to remove the scratch to make the surface consistent and can strongly remove the oxidation layer on the surface of the workpiece.

Features

The contact roller is brushed on the surface of the workpiece, and the oxidation layer is removed;
The speed of contact roller line is: 3-16m/s variable frequency speed adjustment;
The polishing wheel can make the workpiece surface achieve HL effect
Polating rollers can be lifted independently and swing to make the workpiece achieve different effects
Polish roller line speed: 3-12.5m/s, frequency conversion speed regulation
Use heat resistance, corrosion resistance thickened conveyor belt, high elasticity, high strength;
The conveyor band correction device, the edge of the conveyor belt, the cylinder execution to prevent the conveyor belt from running off; 8.
The conveyor belt frequency frequency speed regulation is 0.5-5m/min;
Use 304 stainless steel water circulation system;
Double -seal structure, not easy to rust, longer service life , more stable performance;
Precipitation three -level separation filter tank;
Use positive pressure blowing function to make the equipment stability stronger.

TYPE	ST63R-r	ST100R-r	ST130R-r
MAX WIDTH	630mm	1000mm	1300mm
THINNESS	0.5-100mm	0.5-100mm	0.5-100mm
SPEED	0.5-5m/min	0.5-5m/min	0.5-5m/min
POWER	35.22kw	46.07kw	58.75kw
PRESURE	0.6Mpa	0.6Mpa	0.6Mpa
VOLTAGE	380V 50HZ	380V 50HZ	380V 50HZ

ARMPRE

ARMPRE Machinery CO.,LTD.

STW series

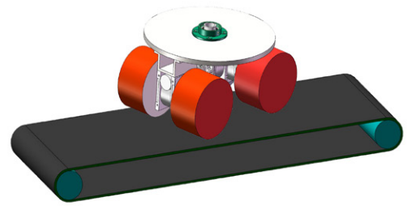
MACHINERY

SUPERB IN PROPOSAL
GREAT AT POLISHING

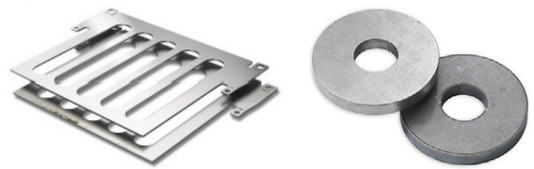
Function

W series deburring machine is a device that is processed by the brush roller method. It is mainly used for the surface treatment of flat plates in the sheet metal industry, such as laser, plasma cutting, punching, reduction, and machining. Removal of burrs.

Equipment Diagram



Processed Part



Optional

Vacuum cleaner (with spark catcher)

Pulse filter dust collector (with spark catcher)

Features

Four groups of flexible brush rollers;
Adopt revolution and rotation ;
Vacuum suction worktable, minimum processing 50 * 50mm;
Removes burrs from edges and inner holes without harming the surface of the workpiece
Without changing the workpiece tolerances, the internal holes and edge burrs of the part are removed, forming a slight R-angle effect on the surface;
Low processing cost and low energy consumption;
Convenient operation, touch screen operation panel, LED light source inside the device, easy to observe the workpiece processing.

Suitable for processing

Carbon steel, stainless steel, copper, aluminum and other metal materials.

Specifications

TYPE	ST63W	ST100W	ST130W
MAX WIDTH	630mm	1000mm	1300mm
THINNESS	0.5-100mm	0.5-100mm	0.5-100mm
SPEED	0.5-5m/min 变频调速	0.5-5m/min 变频调速	0.5-5m/min 变频调速
POWER	21.54kw	23.74kw	27.52kw
PRESURE	0.6Mpa	0.6Mpa	0.6Mpa
VOLTAGE	380V 50HZ	380V 50HZ	380V 50HZ

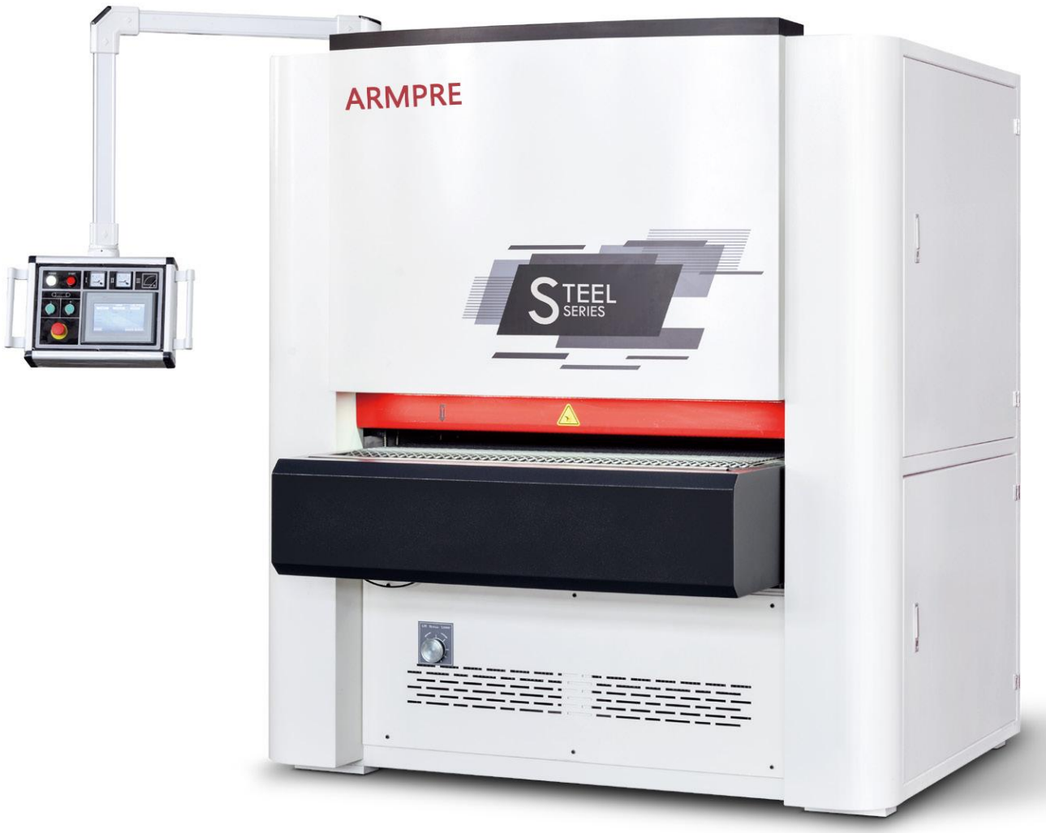
ARMPRE

ARMPRE Machinery CO.,LTD.

MACHINERY

SUPERB IN PROPOSAL
GREAT AT POLISHING

STR-R series

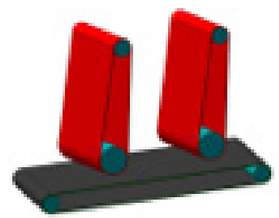


Function

It is used to remove the longitudinal burrs of laser cutting, stamping and water knife cutting workpiece.
The device can complete the large bargain and the surface drawing at one time. It is used for large flat sand light treatment to remove the scratch to make the surface consistent and can strongly remove the oxidation layer on the surface of the workpiece.

Processed Part

设备图示



Equipment Parameters

TYPE	ST63R-R	ST100R-R	ST130R-R
MAX WIDTH	630mm	1100mm	1300mm
THINNESS	0.5-60mm	0.5-60mm	0.5-60mm
MIN THINNESS	0.5mm	0.5mm	0.5mm
MAX THINNESS	100mm	100mm	53.92kw
SPEED	≧ 25m/s	≧ 25m/s	≧ 25m/s
POWER	39.92kw	46.92kw	53.92kw
AIR VOLUME	10000m^3/h	10000m^3/h	10000m^3/h
PRESURE	380V 50HZ	10000m^3/h	380V 50HZ
VOLTAGE	⩾ 0.6Mpa	⩾ 0.6Mpa	⩾ 0.6Mpa

Features

Wide sand belt contact roller is used for rust removal, oxidation layer, and processing surface.
Broadband contact rollers during work can be switched forward according to the actual situation;
Removal of the burr and oxidation layer for the surface of the workpiece, so that the surface effect of the workpiece is always
Vacuum adsorption workbench can be safe for processing for thin plates and small workpieces
Solill cleaning the brush roller to clear the metal plate residue during the process of removing the conveyor belt
Low processing cost, low energy consumption
Microcomputer operation method, convenient and fast operation

Suitable for processing

carbon steel, stainless steel, aluminum and other metal materials

APPLICATION

Sheet metal stamping, laser cutting and other industrial metals

Optional

Double abrasive belt combined with brush disc equipment can be used to remove the melt and chamfer
Vacuum cleaner (with spark catcher)

Pulse filter dust collector (with spark catcher)