

World's thinnest scrap cutter

Material cutter SCR Series



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The SCR series is a scrap cutter that uses the thinnest cutter (160 mm) in the world. Since it is the thinnest, it can be installed close to the feeder which reduces problems when transporting skeleton materials for conventional products, making synchronized high-speed press operation possible. Many problems can occur when you try to speed up the scrap cutting of skeleton materials for a press line.

This is because the skeleton material fed from a mold using a Push-Pull feed is not rigid and tends to bend while being transported to the cutter with a feed device. Among possible countermeasures, the most important action to prevent bending is to shorten the distance between the feed device and the cutter, to make it as small as possible.

The compact size of this scrap cutter allows it to be installed in close contact with the feeder. Then, using complete synchronization with the press you can achieve stable skeleton cutting of thin plate materials.

It also greatly contributes to saving space on the press line.



Overview

Compact

Has the world's thinnest cutter (160 mm).

Saves space and speeds up press line operations.

Stable cutting

It offers stable cutting of thin plate materials thanks to its back stopper.

Maintenance

Easy replacement of cutting blades.

A blade can be used on both sides.

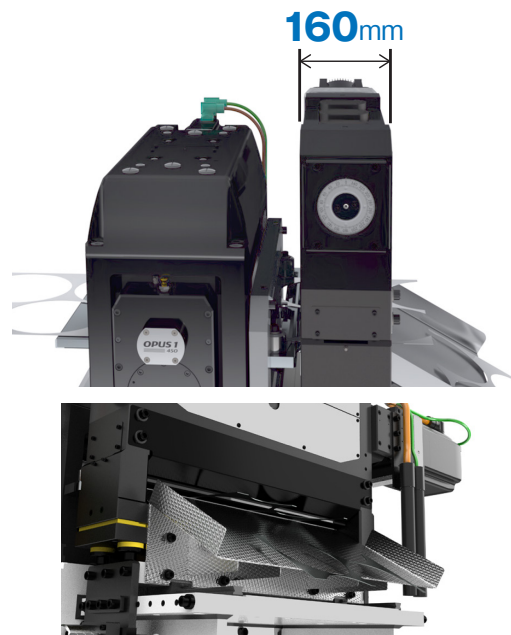
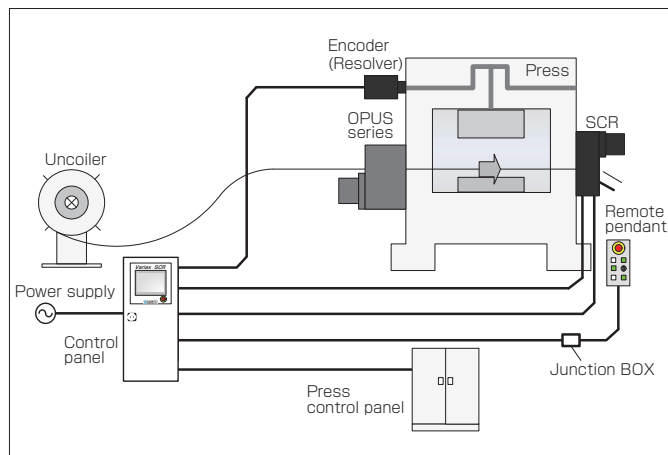
Other functions

Monitoring function

You can check the motor torque on the monitor while cutting (touch panel)

Set up position adjustment

The cutting position can be adjusted.

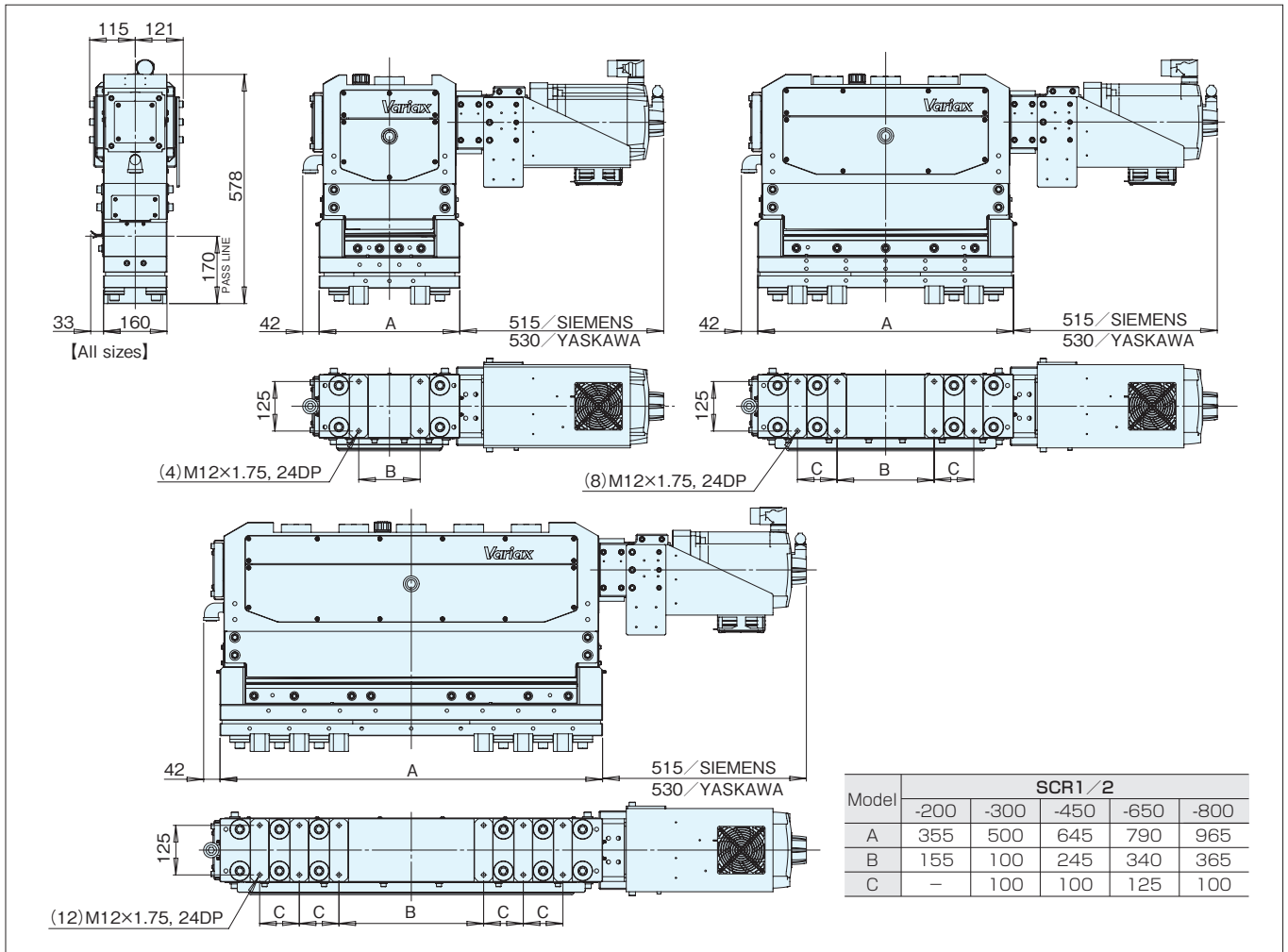


Specification table

Item	Unit	SCR1／2					Remarks
		-200	-300	-450	-650	-800	
Maximum cut material width	mm	200	300	450	650	800	
		95	220	345	470	620	When installed at an angle of 30°
		225	370	515	660	835	Cutter blade width
Material thickness	mm	0.1～0.5					
Cut off load	N	12,500	18,000	28,000	40,000	40,000	
		3,750	5,600	5,600	8,100	10,000	Continuous production
Synchronized speed	min ⁻¹	500			400		
Servo motor	—	SIEMENS／YASKAWA					
Paint color	—	N1.5(Black)					
Mass	kg	225	295	350	405	480	

Dimensional drawing

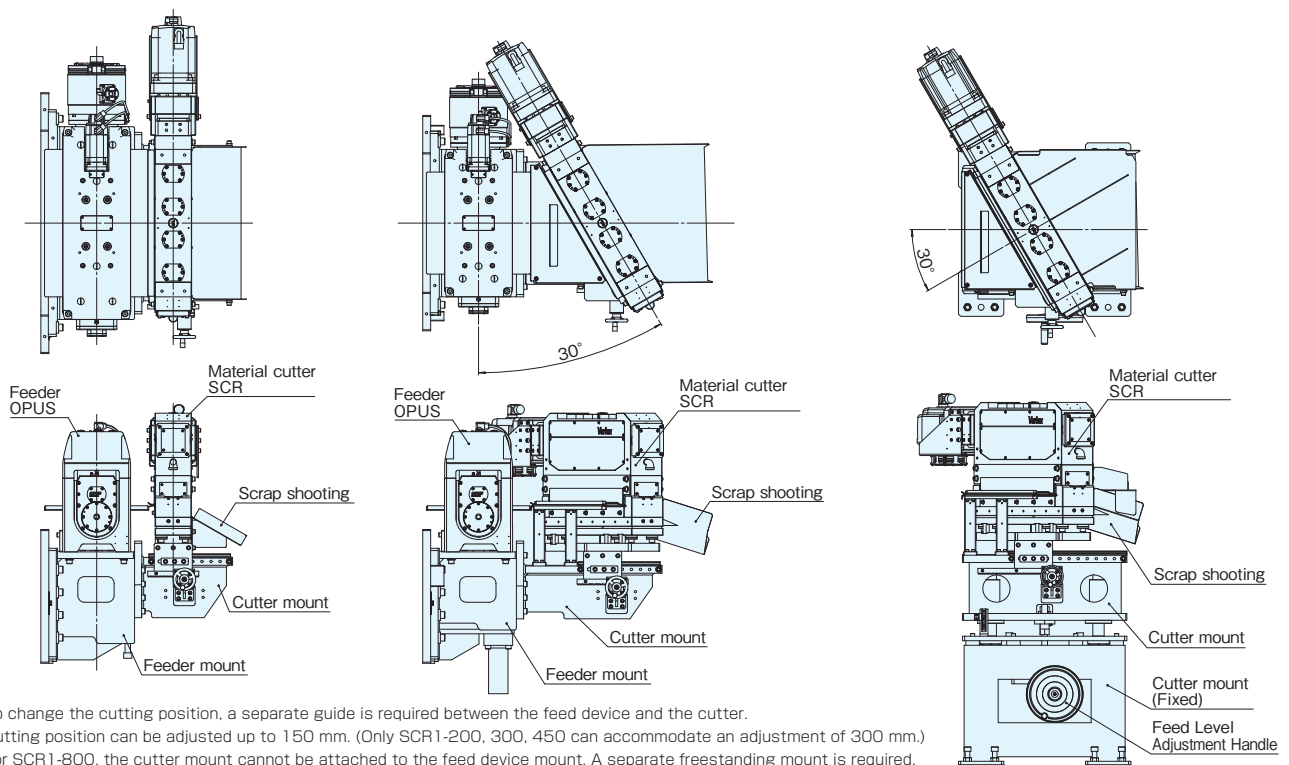
Dimensional drawing



Example of installation

Feeder mount installation specifications

Separately placed specifications



Technical drawing of the E2000 Series Vertical Air Purifier, showing front and side views with dimensions and labels.

Front View Dimensions:

- Top width: 700
- Top mounting hole spacing: 65
- Eyebolt M10
- Touch Panel
- Air out (top)
- Emergency Stop Switch
- Power Switch
- Air in (bottom)
- Bottom width: 770 (inner), 830 (outer)
- Height dimensions: 1800 (total), 1545 (to top of main body), 1075 (to bottom of main body)

Side View Dimensions:

- Top width: 500
- Top mounting hole spacing: 465
- Air out (top)
- Air in (bottom)
- Bottom width: 405 (inner), 465 (outer)
- Bottom mounting hole spacing: 30
- Bottom mounting hole diameter: 4-φ20
- Bottom mounting flange thickness: 30
- Bottom mounting flange diameter: (30)

Paint color: N9 (semi-gloss) Mass: 130kg

Technical drawing of the N9 semi-gloss cabinet, showing front and side views with dimensions and labels.

Front View Dimensions:

- Top width: 530
- Bottom width: 570 (inner) / 610 (outer)
- Left side height: 1500 (total), 1300 (upper section), 800 (lower section)
- Bottom left corner: 4- ϕ 14

Front View Labels:

- Air OUT (top left)
- Visitor area (top center)
- Eyebolt M10 (top right)
- Touch Panel (top right)
- Air OUT (top right)
- Emergency Stop Switch (middle left)
- Power Switch (middle left)
- Air IN (bottom right)

Side View Dimensions:

- Top width: 489
- Bottom width: 310 (inner) / 46 (outer)



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