SANKYO SEISAKUSHO CO.

World's thinnest scrap cutter

# Material cutter SCR *Series*

World's thinnest scrap cutter

# Material cutter SCR *Series*

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

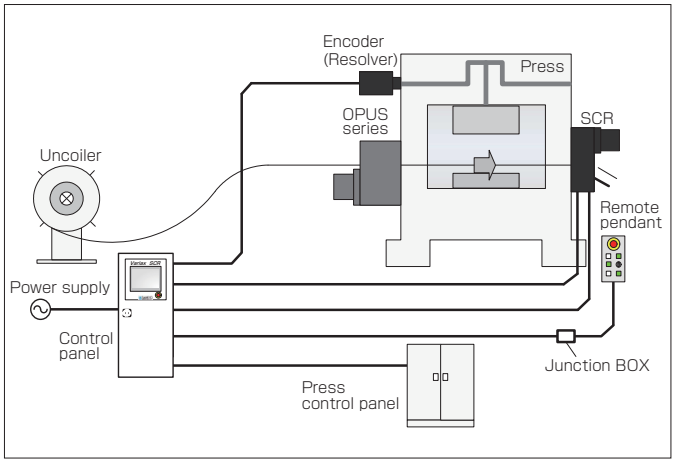
Has the world's thinnest cutter (160 mm).
Saves space and speeds up press line operations.

### 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.



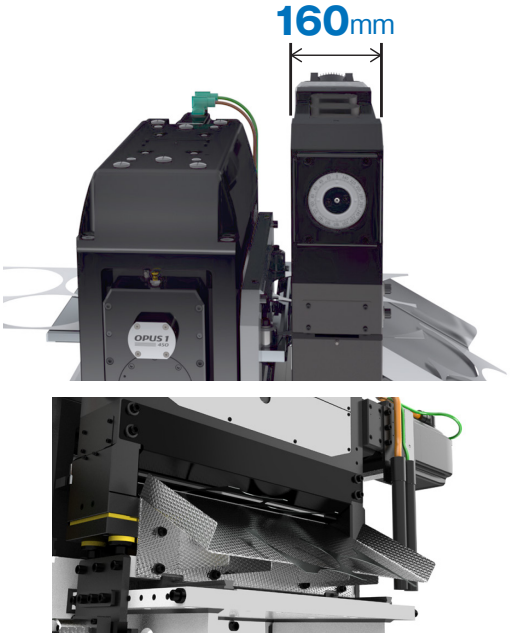

## Other functions

### Monitoring function

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

### Set up position adjustment

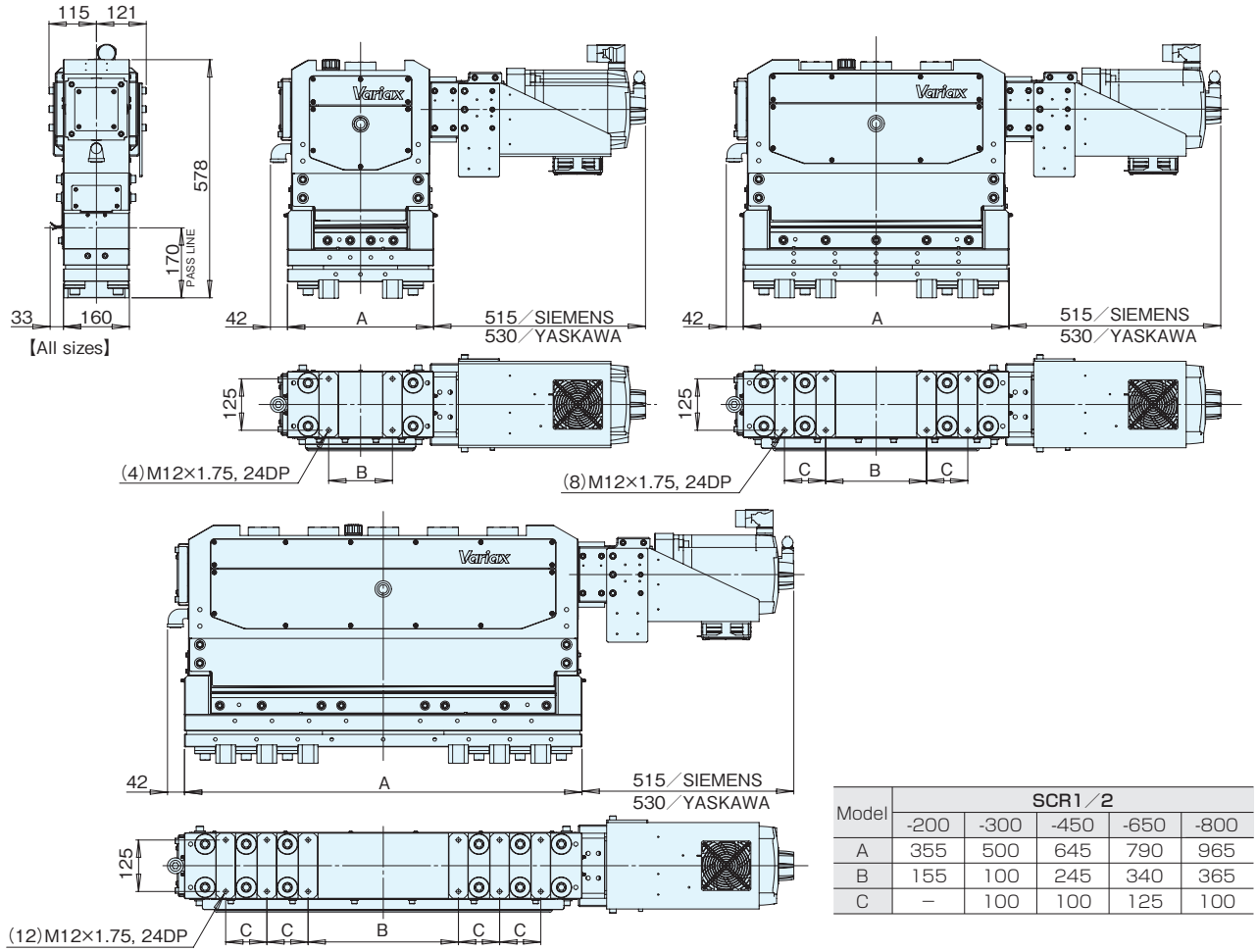
The cutting position can be adjusted.




## 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

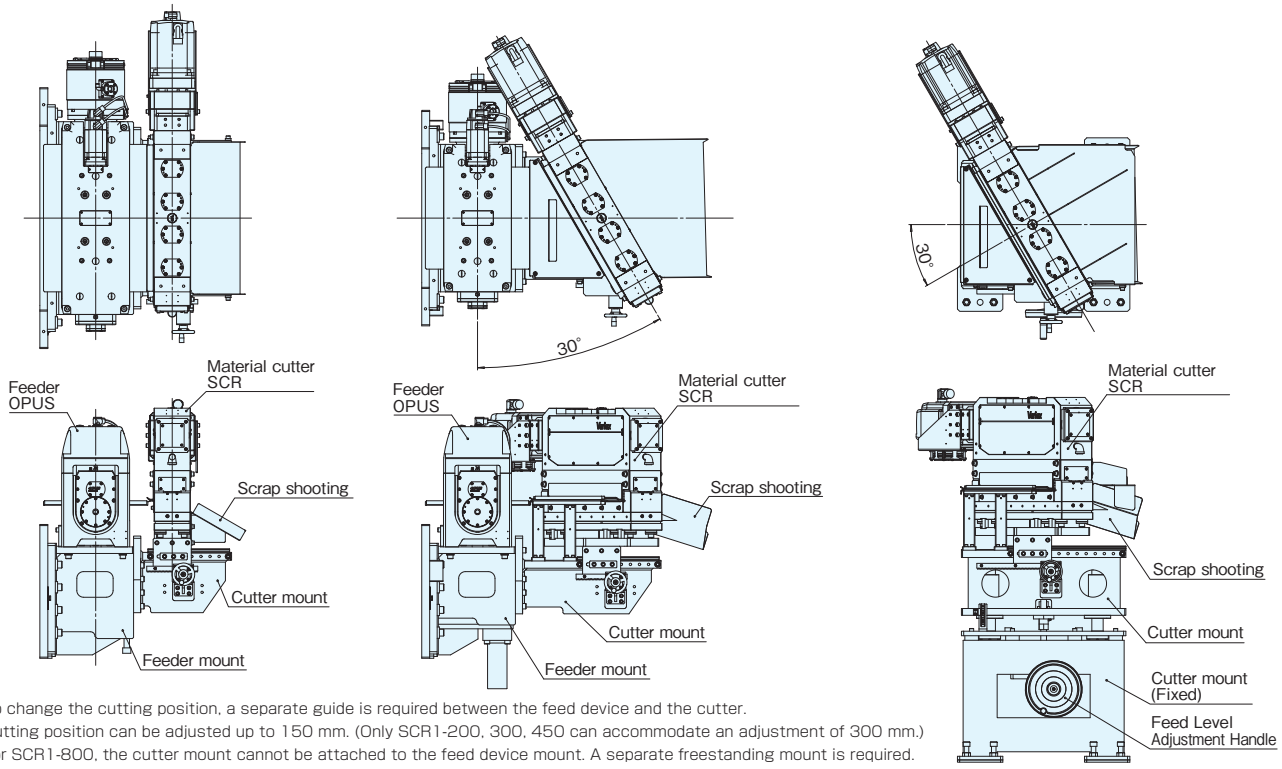



| Model | SCR1／2 | | | | |
|---|---|---|---|---|---|
| | -200 | -300 | -450 | -650 | -800 |
| A | 355 | 500 | 645 | 790 | 965 |
| B | 155 | 100 | 245 | 340 | 365 |
| C | – | 100 | 100 | 125 | 100 |

## Example of installation

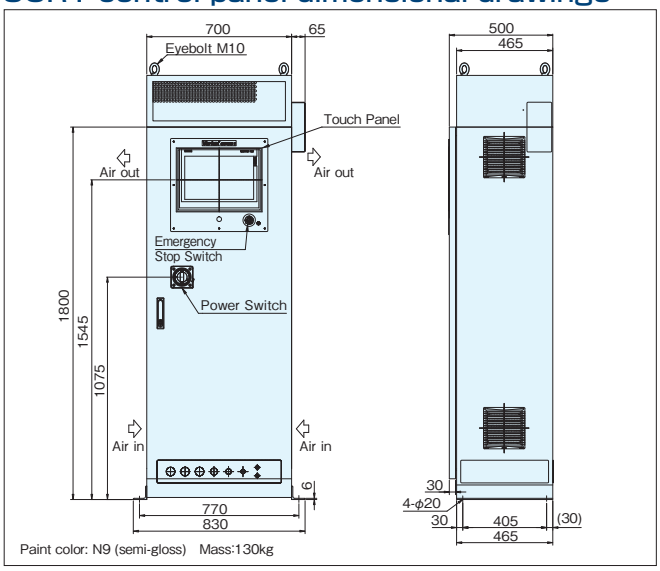
Feeder mount installation specifications

Separately placed specifications



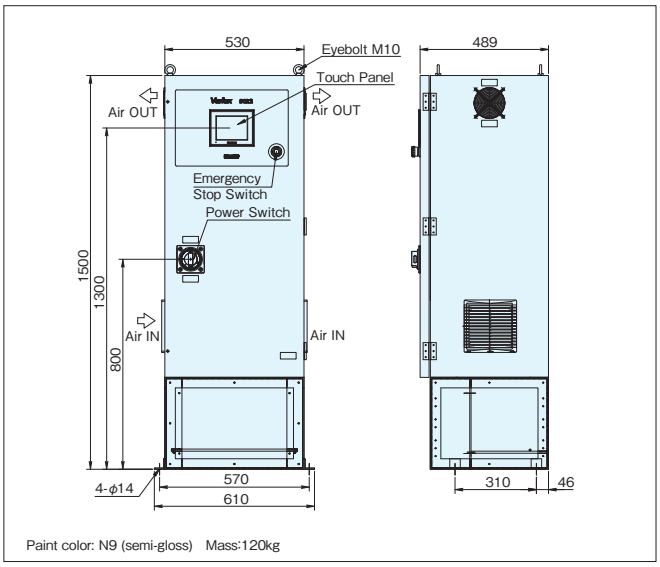

- To change the cutting position, a separate guide is required between the feed device and the cutter.
- Cutting position can be adjusted up to 150 mm. (Only SCR1-200, 300, 450 can accommodate an adjustment of 300 mm.)
- For SCR1-800, the cutter mount cannot be attached to the feed device mount. A separate freestanding mount is required.

## SCR1 control panel dimensional drawings



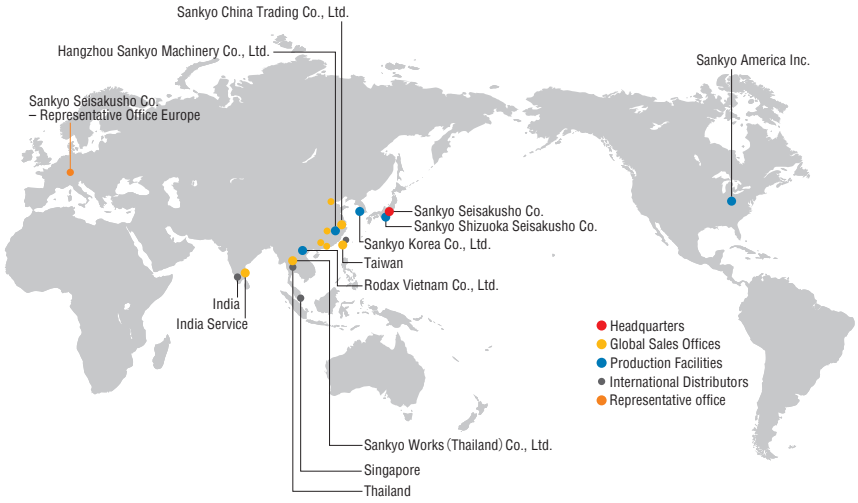

Paint color: N9 (semi-gloss) Mass:130kg

## SCR2 control panel dimensional drawings




Paint color: N9 (semi-gloss) Mass:120kg

# Global network




**■India: Variax Agent Galaxy Techniques**
5/78A, K.N. Palayam, Pogalur, Annur, Coimbatore 641 697
Phone: +91-(0)98430-48930
Email: info@galaxytechniques.com
URL: http//www.galaxytechniques.com

## Group Companies

**Sankyo America Inc.**
10655 State Route 47 Sidney, Ohio, 45365 U.S.A.
Phone: +1-(0)937-498-4901 Fax: +1-(0)937-498-9403
Email: sales@sankyoautomation.com

**Sankyo Korea Co., Ltd.**
1449-48 Seobu-ro, Gwonseon-gu, Suwon-si, Gyeonggi-do, 16643 Korea
Phone: +82-(0)31-895-5991 Fax: +82-(0)31-895-6607
Email: kr-sales@rollerdrive.com

**Sankyo China Trading Co., Ltd.**
[Shanghai Sales Office]
Room101, Unit 2, No.159 Tianzhou Road, Shanghai 200233, China
Phone: +86-(0)21-5445-2813 Fax: +86-(0)21-5445-2340
Email: sales@sankyochina-trading.com

**Hangzhou Sankyo Machinery Co., Ltd.**
No.2518 Jiang Dong 2 Road, Hangzhou Jiang Dong Industrial Park,
Xiaoshan Zone, Hangzhou, Zhejiang, China
Phone: +86-(0)571-8283-3311 Fax: +86-(0)571-8283-1133

**Rodax Vietnam Co., Ltd.**
Plot No.M1,Thang Long Industrial Park II,
Duong Hao Ward, Hung Yen Province, Vietnam
Phone: +84-(0)221-3-589701 Fax: +84-(0)221-3-589708

**Sankyo Works (Thailand) Co., Ltd.**
9/31 Moo 5, Phaholyotin Road, Klongnueng,
Klong Luang, Patumthani 12120 Thailand
Phone: +66-(0)2-516-5355 Fax: +66-(0)2-068-0931
Email: sales@sankyo-works.co.th

**Sankyo Seisakusho Co. - Representative Office Europe**
Flughafenstraße 59, 70629 Stuttgart Germany
Phone: +49 (711) 490 52 -170
Email: o.heinlin@sankyoeurope.com
URL: https://www.sankyoeurope.com

# Contact us

Mon–Fri AM8:30–12:00 PM13:00–17:30 UTC + 09:00 (JST) (Except public holidays and company holidays)

**■Headquarters (International Sales Division)**
3-37-3 Tabatashinmachi, Kita-ku, Tokyo, Japan 114-8538
Phone: +81-(0)3-3800-3305
Fax: +81-(0)3-3800-3378
Email: overseas@sankyo-seisakusho.co.jp
URL: https://www.sankyo-seisakusho.co.jp

**■Taiwan Sales Office**
No.21, Ln.152, Jianxing Rd., Sanhe Vil., Daya Dist., Taichung City 42876, Taiwan (R.O.C.)
Phone: +886-(0)4-2359-4048
Fax: +886-(0)4-2359-4720
Email: tw-sales@rollerdrive.com

SANKYO SEISAKUSHO CO.

https://www.sankyo-seisakusho.co.jp

Specifications and dimensions are subject to change without notice.
Consult Sankyo sales before ordering.
Patent rights and copyrights for some mechanisms, trademarks, images,
drawings and other material in this catalog all belong to Sankyo Seisakusho Co.