

**SAV 532.03**

**PERMANENT MAGNETIC SHEET FANNERS**

For separating sheets

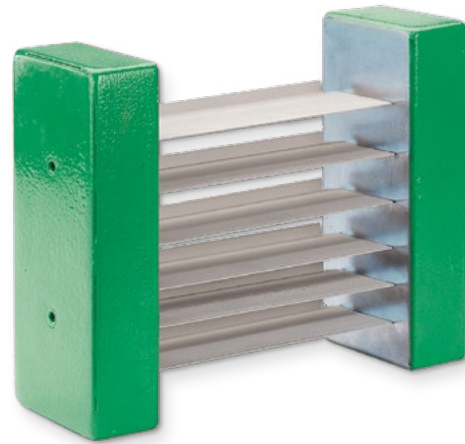
**APPLICATION**

For separating stacked iron and steel sheets during insertion tasks into metal processing machines. The sheets are placed between the magnetic floaters and magnetised with the same poles. This causes the sheets to repel each other and float freely, which makes them easy to grip.

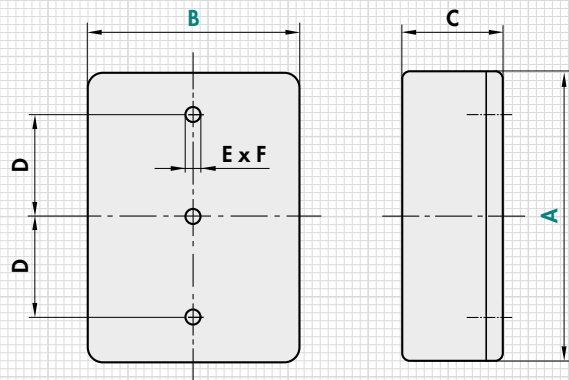
To prevent jamming of the sheets, the magnet floaters must be positioned so that an air gap of 1 to 2 mm is created.

**DESIGN**

The strong permanent magnets are installed in a robust steel housing. The tapped holes provided allow the unit to be fastened to fixtures. Delivered individually.



| mm  |     |    |     |   |      |                           | kg     |
|-----|-----|----|-----|---|------|---------------------------|--------|
| A   | B   | C  | D   | E | F    | For sheet thickness up to | Weight |
| 75  | 73  | 28 | 50  | 2 | M 8  | 0.7                       | 1.0    |
| 275 | 73  | 28 | 200 | 2 | M 8  | 0.7                       | 4.0    |
| 342 | 73  | 28 | 250 | 2 | M 8  | 0.7                       | 5.0    |
| 208 | 103 | 28 | 100 | 2 | M 8  | 1                         | 5.0    |
| 308 | 103 | 28 | 200 | 2 | M 8  | 1                         | 7.0    |
| 342 | 103 | 28 | 250 | 2 | M 8  | 1                         | 8.0    |
| 143 | 104 | 49 | 100 | 2 | M 8  | 2                         | 6.0    |
| 277 | 104 | 49 | 200 | 2 | M 8  | 2                         | 11.0   |
| 310 | 104 | 49 | 200 | 2 | M 8  | 2                         | 12.0   |
| 143 | 155 | 47 | 100 | 2 | M 8  | 3                         | 8.0    |
| 210 | 155 | 47 | 150 | 2 | M 8  | 3                         | 12.0   |
| 310 | 155 | 47 | 200 | 2 | M 8  | 3                         | 18.0   |
| 411 | 155 | 47 | 150 | 3 | M 8  | 3                         | 24.0   |
| 511 | 155 | 47 | 200 | 3 | M 8  | 3                         | 29.0   |
| 277 | 179 | 88 | 200 | 2 | M 12 | 4                         | 34.0   |
| 400 | 179 | 88 | 150 | 3 | M 12 | 4                         | 50.0   |
| 344 | 279 | 94 | 100 | 3 | M 12 | 6                         | 71.0   |
| 545 | 279 | 94 | 150 | 4 | M 12 | 6                         | 112.0  |
| 612 | 279 | 94 | 150 | 4 | M 12 | 6                         | 126.0  |
| 813 | 279 | 94 | 200 | 4 | M 12 | 6                         | 168.0  |



The floater height is selected so that the sheet stacking height is approx. half of the floater height. If using the stated maximum sheet thickness, a sheet area of approx. 30 dm<sup>2</sup> can be spread per floater. The plate area is reduced to approx 15 dm<sup>2</sup> for thick, oily sheets and several floaters are required.

**ORDERING EXAMPLE**

Designation SAV no. - A x B  
 Permanent magnetic sheet fanner SAV 532.03 - 813 x 279