



## Flat magnetic slide conveyors

HSC-F-500-1500-0000-00-B-B-BR

SKU: TCBC500001

## Product Features

|                                      |                                                                                       |
|--------------------------------------|---------------------------------------------------------------------------------------|
| <b>Description</b>                   | Magnetic flat bed slide conveyor                                                      |
| <b>SKU</b>                           | TCBC500001                                                                            |
| <b>Product key</b>                   | HSC-F-500-1500-0000-00-B-B-BR                                                         |
| <b>Capacity</b>                      | 42 kg/min (punch chips Ø7x1; 18m/min; magnet pitch 600mm)                             |
| <b>Material housing</b>              | AISI304 (SS 1.4301)                                                                   |
| <b>Surface treatment/finishing</b>   | Painted (except slide plate)                                                          |
| <b>Colour</b>                        | Dark grey (Black grey): RAL7021, Red (Traffic red): RAL3020<br>(underframe, optional) |
| <b>Min./max. ambient temperature</b> | -20 to 60 °C                                                                          |
| <b>Dust/water protection class</b>   | IP54                                                                                  |
| <b>Infeed height</b>                 | 294 mm                                                                                |
| <b>Outfeed height</b>                | 137 mm                                                                                |
| <b>Conveying length</b>              | 1500 mm                                                                               |
| <b>Conveying width</b>               | 575 mm                                                                                |
| <b>Magnet width</b>                  | 500 mm                                                                                |
| <b>Conveyor (belt) speed</b>         | 0,3 m/s                                                                               |
| <b>Magnetic system</b>               | Permanent Neoflux® magnet                                                             |
| <b>Magnet quality</b>                | Neodymium GSN-35, Br 11,200 gauss (at 20 °C), Tmax. 80 °C                             |
| <b>Motor power supply</b>            | 230/400 V AC; 50 Hz; 0.55 kW                                                          |
| <b>Motor drive</b>                   | Electro motor with gear box: SEW SA47/T DT80K4                                        |
| <b>Motor mounting position</b>       | M1A-Terminal box position=180 ° (L)                                                   |

Visit our website for specifications, drawings, documentation, accessories, spare parts and more

<https://www.goudsmitmagnets.com/solutions/magnetic-handling/magnetic-slide-conveyors/flat-magnetic-slide-conveyors.html?sku=TCBC500001>

|                                                  |                     |
|--------------------------------------------------|---------------------|
| <b>Motor rotational speed</b>                    | In/out: 1360/29 rpm |
| <b>Motor electrical thermal insulation class</b> | ISO-F (155 °C)      |
| <b>Motor dust/water protection class</b>         | IP54                |
| <b>Length</b>                                    | 1588 mm             |
| <b>Width</b>                                     | 776 mm              |
| <b>Height</b>                                    | 340 mm              |

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