Modular or string belt
Type 397 Spreading conveyor

“Spreading products over the desired belt width”

The Type 397 spreading conveyor is constructed with a modular belt, wire-mesh chain or string belt type. It is suitable for unpacked products. They can be converged or diverged up to a maximum angle of 6 degrees. In this way, products can be transported for further in-line processing in the correct position.

The solution to your logistics requirements when:
• An even spread has to be achieved between different conveyors
• Products have to be converged or diverged on different belt widths

The advantages of Type 397/217:
• Spreads products in line, as opposed to drop-off belts types 206 and 306 with which products are diverted at a right angle
• Allows a small, smooth transfer
• Guarantees slip-free transport without any tracking
• Guarantees ultra-maintenance-friendly and easy-to-clean transport
• Allows numerous expansion possibilities
Modular or string belt
Type 397 Spreading conveyor:

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
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<tbody>
<tr>
<td>Construction</td>
<td>Stainless steel plate frame, shot-blasted, and plastic machine parts</td>
</tr>
<tr>
<td>Transport length</td>
<td>1.8 m or 2.3 m</td>
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<tr>
<td>Belt width</td>
<td>100 - 1600 mm</td>
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<tr>
<td>Belt speed</td>
<td>Belt speed 2 - 50 m/min.</td>
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<tr>
<td>Belt type</td>
<td>Modular belt flush grid or string belt or wire-mesh chain</td>
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<tr>
<td>Operating temperature</td>
<td>-50°C - 104°C</td>
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<tr>
<td>belt material</td>
<td></td>
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<tr>
<td>Nose bar</td>
<td>Modular belt: Ø30 mm equals Ø48 mm on the belt</td>
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<tr>
<td></td>
<td>String belt: Drive roller Ø80 mm reversing roller Ø40 mm</td>
</tr>
<tr>
<td></td>
<td>Wire-mesh chain: Ø25 mm on the belt</td>
</tr>
<tr>
<td>Drive</td>
<td>SEW gear motor with stainless steel safety cover</td>
</tr>
<tr>
<td>Convergence angle</td>
<td>max. 6°</td>
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<tr>
<td>Drive position</td>
<td>Centre drive (string belt: pushing)</td>
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<tr>
<td>Chassis</td>
<td>Stationary/mobile</td>
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<tr>
<td>Electric power supply</td>
<td>Operating switch</td>
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</table>

**OPTIONS**

- CIP belt spray tube
- Stringscraper
- Quick belt release
- Cable tube 1800 mm high
- Cable shafts
- Stainless steel control cabinet with frequency inverter
- Stainless steel gear motor

**BELT TYPES**

- Flush grid
- String belt
- Wire-mesh chain

**DRAWINGS**

Different dimensions on request, send an e-mail to sales@marvu.nl.

**Key to symbols**

BBi  Belt width infeed
BBo  Belt width outfeed
L    Transport length
WH   Working height
F    Adjustment range

**Adjustment type**

A  ± 50 mm
B  ± 25 mm
C  -10 mm + 40 mm
D  ± 50 mm

Chassis types A and B can also be made with an adjustment range of ± 150 mm.