CONVEYING BELTS FOR AUTOMOTIVE
THE SUSTAINABLE COMPONENT FOR THE TRANSPORT IN THE VEHICLE ASSEMBLY
WE – THE TEAM OF STRICKER – STAND FOR:

- professional consultation
- high-performance and innovative products
- individual solutions
- high quality and durable materials
- on-time delivery
- reliable assembly and maintenance

WE WOULD BE HAPPY TO ADVISE YOU

Our staffs are available at all times for your individual questions and projects.

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www.stricker.ms/en/gummi/conveyor_technology/automotive_conveyor_belts

CONFIDENT CONVEYING – ECONOMICAL CONSUMPTION

The conveyor belts for automobiles from Stricker are an important part of all production processes in the vehicle manufacturing. They are used in very different ways for the conveying of components, through car bodie’s to finished cars.

We develop and manufacture all belts individually, from several materials and conforming the specific requirements and applications – for example for vertical, longitudinal and transversal transport as well as for buffering.

Apart from the high smoothness and the very low wear and tear, our conveyor belts for automobiles stand out also for an energy saving and a low maintenance operation, resulting in costs and time savings and, at the same time, fulfilling the essential requirements of the automobile industry and the legislator.

Further information about our conveyor belts for automobiles and all other products can be found at www.stricker.ms/en/gummi
SKID CONVEYOR BELTS
Trendsetting transportation solutions

A perfect conveying of car bodies and components implies flexibility and the highest precision. That is why our quality already starts with the choice of the materials: we manufacture our silicone free, paint resisting belts from robust steel cables or aramid cord. Aramid is one of the strongest fibres and is used in the whole world. It is extremely high tensile strength, long lasting and convinces through an extremely small elongation. For which material, you decide, our skid conveyor belts guarantee the manufacturing of your vehicle – longitudinally, transversally or vertically.

ADVANTAGES
- fast
- secure
- silent
- few maintenance
- long lasting
- few elongation

BUFFER BELTS
Conveying and stapling as required

This type of conveying belts buffers the car before continuing the processing. The car bodies are buffered or further conveyed and then they are taken to their individual location by means of control technique. For the buffering, we use roller blocks, situated at the upper side of the belts, being appropriate for all types of buffer systems.

Specifications
- aramid cord carrier
- steel cable carrier
- several manufacturing widths upon request

ADVANTAGES
- fast
- secure
- silent
- few maintenance
- long lasting
- few elongation
- low energy consumption
- great smoothness
- paint resistant

TECHNICAL DATA

<table>
<thead>
<tr>
<th>PGF buffer belt conveyor</th>
<th>Aramid cord D1600/1</th>
<th>Steel cable S1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal breaking strength</td>
<td>112–140 kN</td>
<td>70 kN</td>
</tr>
<tr>
<td>Belt width*</td>
<td>70 / 87.5 mm</td>
<td>70 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.85 / 1.1 kg/m</td>
<td>1.3 kg/m</td>
</tr>
<tr>
<td>Thickness</td>
<td>10 mm</td>
<td>12 mm</td>
</tr>
<tr>
<td>Drum minimum diameter</td>
<td>200 mm</td>
<td>270 mm</td>
</tr>
</tbody>
</table>

* Other manufacturing widths upon request.
TRANSVERSAL CONVEYOR BELTS

Double precision

In the automobile construction, the transversal conveyor belts from Stricker are traction and carrier elements at once. On them both the skids as the vehicle components are conveyed in transversal direction and are discharged by sliding. Since these belts are used in pairs, we guarantee that their endless length is manufactured absolutely precisely.

ADVANTAGES

- fast
- secure
- silent
- few maintenance
- long lasting
- few elongation

TECHNICAL DATA

<table>
<thead>
<tr>
<th>QGF transversal conveyor belt</th>
<th>Aramid cord D1000/1</th>
<th>Steel cable S500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal breaking strength</td>
<td>55–160 kN</td>
<td>27–148 kN</td>
</tr>
<tr>
<td>Belt width*</td>
<td>55 / 80 / 110 / 160 mm</td>
<td>55 / 80 / 110 / 160 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.6 / 0.9 / 1.2 / 1.7 kg/m</td>
<td>0.75 / 1.1 / 1.5 / 2.2 kg/m</td>
</tr>
<tr>
<td>Thickness</td>
<td>10 mm</td>
<td>10 mm</td>
</tr>
<tr>
<td>Drum minimum diameter</td>
<td>200 mm</td>
<td>200 mm</td>
</tr>
</tbody>
</table>

LIFTING BELTS

Fit for upwards movements

For the vertical conveying of car bodies and components lifting belts are used in the automobile construction. They connect several manufacturing levels and guarantee an exact positioning of the component parts. Lifting belts are used with one, two or more strings in all lifting units. Upon request, we equip them with a wedge end fixation and a winding lifter. Since for these belts a visual inspection upon regular intervals is sufficient, the maintenance intervals can be significantly reduced.

ADVANTAGES

- fast
- secure
- silent
- few maintenance
- long lasting
- few elongation

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Lifting belts</th>
<th>Aramid cord D1600/1</th>
<th>Steel cable S1500</th>
<th>Steel cable S1250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal breaking strength</td>
<td>144–576 kN</td>
<td>182–476 kN</td>
<td>116–233 kN</td>
</tr>
<tr>
<td>Belt width*</td>
<td>90 / 125 / 180 / 210 / 250 / 360 mm</td>
<td>125 / 180 / 250 / 360 mm</td>
<td>105 / 210 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>1.1 / 1.5 / 2.2 / 2.5 / 3 / 4.4 kg/m</td>
<td>2 / 2.9 / 4 / 5.7 kg/m</td>
<td>1.57 / 3.3 kg/m</td>
</tr>
<tr>
<td>Thickness</td>
<td>10 mm</td>
<td>10 mm</td>
<td>10 mm</td>
</tr>
<tr>
<td>Drum minimum diameter</td>
<td>250 mm</td>
<td>300 mm</td>
<td>270 / 300 mm</td>
</tr>
</tbody>
</table>

* Other manufacturing widths upon request.
CARRIER BELTS
Excellent for long tracks

Since a long time, our carrier belts have proven their efficiency for conveying works with long distances. They are simultaneously traction and carrying elements and they convey skids or assembly platforms horizontally in case of rolling discharge, dividing the load on carrying rolls, fixed at the lower part of the belt.

ADVANTAGES
- Fast
- Secure
- Silent
- Few maintenance
- Long lasting
- Few elongation
- Appropriate for long distances
- Paint resistant

TECHNICAL DATA

<table>
<thead>
<tr>
<th>TGF carrying belt conveyors</th>
<th>Aramid cord D1600/1</th>
<th>Steel cable S1250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal breaking strength</td>
<td>128 – 168 kN</td>
<td>68 – 116 kN</td>
</tr>
<tr>
<td>Belt width*</td>
<td>55 / 95 / 105 mm</td>
<td>55 / 80 / 105 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.7 / 1.2 / 1.3 kg/m</td>
<td>0.85 / 1.2 / 1.6 kg/m</td>
</tr>
<tr>
<td>Thickness</td>
<td>10 mm</td>
<td>10 mm</td>
</tr>
<tr>
<td>Drum minimum diameter</td>
<td>200 mm</td>
<td>270 mm</td>
</tr>
</tbody>
</table>

* Other manufacturing widths upon request.

ASSEMBLY BELTS
Secure transport for man and car body

In case of assembly directly at the car, assembly belts make the work very efficient. In one or double variant, they can convey both assembly workers and car bodies in the same pace and with the same discharge.

Specifications
- Steel cable 300 – 3,200 mm width
- Other manufacturing widths upon request

ADVANTAGES
- Fast
- Efficient
- Secure
- Silent
- Few maintenance
- Long lasting
- Few elongation

TRACK BELTS
Fixation for all wheels

Our track belts are the ideal conveying solution for automobiles already fully assembled. The belts guarantee a sliding discharge and are equipped with wheel stoppers. For the positioning in pairs of the belts, our assembly team guarantees also in case of the endless connection on site the highest parallelism during functioning.

Specifications
- Several manufacturing widths upon request

ADVANTAGES
- Fast
- Secure
- Silent
- Few maintenance
- Long lasting
- Few elongation
24h- SERVICE
+49 251 3288-0

ASSEMBLY AND SERVICE
24/7 days a year working for you
From the short to the long conveying distance, from the simple to the complex assembly – our conveyor belts match always your specifications. To guarantee that your production systems work constantly you can rely on us around the clock. We are also pleased to carry out regularly tests and maintenance of your systems as well as the acceptance on site. Moreover, individual maintenance contracts guarantee for a small budget an optimal availability of your production systems.

Product, advice or service – convince yourself of our quality. Call us or write to us. We remain at your entire disposal.

BUFFER BELTS
Perfect for friction
Independent of the used buffer system – we have the appropriate buffer belts in our product range. They stand out for a perfect adaptation of the friction features regarding the skid and the load-bearing trolley.

DEVELOPMENT AND PRODUCTION
First class products and tailor-made solutions
Stricker is a reliable partner when the standstill times of your production systems must be minimized. At this regard, we are pleased to provide you with the professional assembly, maintenance and optimisation of your conveying technique.
Based on individual challenges we develop products matching your specifications. Our experienced engineers and technicians create system specific power calculations so that you are optimally focussed on the special requirements of the market. To offer you constantly a perfect service and competitive products, we continue developing our know-how and our production systems permanently.

OUR SERVICES
assembly service around the clock
endless connection of conveyor belts
service works on conveyor belts
service works on drums
maintenance works
technical support