CONVEYOR BELT CLEANING
MANUFLEX CONVEYOR BELT SCRAPER SOLUTIONS BY STRICKER
WE WOULD BE HAPPY TO ADVISE YOU

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

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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

AVOID CONTAMINATION – REDUCE MAINTENANCE

Bulk material remains that stick to the belt after the material drop are carried in the belt return and break loose from the load bearing side of the conveyor belt. The resulting contamination of the system construction promotes a faster wear of components and causes unnecessarily high cleaning costs and system downtime.

Stricker manuflex conveyor belt scrapers clean conveyor belts with linearly constructed segment and strip scrapers. In doing so, strongly baked-on bulk material remains are reliably and gently removed from the belt.

Contamination and premature wear of high-quality system components can be avoided in this way. Thus, the costs for maintenance and repair are kept low.

Further information on our products for conveyor belt cleaning and all other products can be found at www.stricker.ms/en/gummi
MANUFLEX S
Conveyor belt cleaning at the highest level

Manuflex S conveyor belt scrapers concentrate their cleaning action to the extremely impinged central area of the belt. When the scraper strip in the particularly stressed central area wears out first, the contact pressure of the scraper strip to the belt decreases theoretically there. Due to the special shape of the manuflex S scraper strips, this negative effect is bypassed, and instead the contact pressure of the scraper strip to the belt is maintained also in the worn state. Therefore, the useful life of the scraper strip can be maximised.

The high effectiveness of manuflex S conveyor belt scrapers is ensured by lateral shock absorbers that guarantee the permanent appropriate contact pressure between the scraper strip and the conveyor belt. At the same time, they absorb shocks generated by bad spots and endless connections in the belt.

Technical details
- belt width 400 – 1,600 mm
- single wear part: the exchangeable polyurethane scraper strip
- scraper strips are available with either 3 or 5 mm thick carbide blades
- rubber-cushioned shock absorbers
- telescopic axles
- material-repellent polyurethane aprons

ADVANTAGES
- cleaning focuses is on the belt centre
- simple installation due to fewer individual parts
- minimised space requirement
- long-term high performance
- low-maintenance and contamination-repellent

MANUFLEX SC
The curved version of manuflex S

Manuflex SC conveyor belt scrapers are a variant of the manuflex S model of success. Due to the curved shape of the scraper, a vibration-free interaction between scraper and belt is achieved, particularly for large belt widths. This makes it possible to effectively use the manuflex S scraper technique for a belt width of 2,200 mm.

Technical details
- belt width 1,400 – 2,200 mm
- c-shape curved substructure
- tried and tested scraper strips of the manuflex S
- carbide blades in 3 or 5 mm thickness
- robust shock absorbers

ADVANTAGES
- targeted cleaning in the central area of the belt
- contamination-repellent construction
- low-maintenance
- long service life

THE MANUFLEX-SYSTEM
Often heavily baked-on bulk materials necessitate the use of a pre-scaper. For this purpose, we recommend particularly the manuflex types PT, T-PUR, V-PUR.
MANUFLEX SFR

The economic alternative for conveyor systems up to 1,200 mm belt width

Manuflex SFR conveyor belt scrapers represent an economic alternative to manuflex S and are used in conveyor systems with belt widths of 400 – 1,200 mm. Under normal use of the conveyor belt, the SFR version is designed for belt speeds of up to 2.1 m/s. For heavier load and larger belt widths, we recommend the use of our manuflex S.

Technical details
- SFR 400 – 1,200 mm
- Unique operating principle concentrates the cleaning power on the centre of the belt
- Single wear part: exchangeable polyurethane scraper strip
- Material-repellent design
- Adjustable to design width
- Rubber-cushioned shock absorbers

ADVANTAGES
- Compact and cost-effective
- Low-maintenance cleaning system
- Long service life
- Few individual parts
- Fast installation possible
- Low installation height (ca. 125 mm)

MANUFLEX N

Gentle but effective belt cleaning

Due to the elastic contact pressure of each segment, the scraper manuflex N facilitates optimal belt cleaning. Each rubber segment is set into vibration by the conveyor belt movement so that the carbide blades clean the belt segment-by-segment and extremely effective.

The control of these movements occurs due to the special shape of the rubber segments.

Technical details
- Belt width 400 – 2,000 mm
- Reinforced design with aluminium profile from 1,400 mm belt width
- Blades are available with 3 or 5 mm thick carbide edging
- Repellent PE plates prevent baking-on of conveyed goods to the belt

ADVANTAGES
- Low space requirement
- Solid construction
- Low-maintenance
- optimum belt cleaning
- Simple installation
MANUFLEX T-PUR
Tried and tested belt cleaning technology at the drum

Thanks to the smart material compositions of rubber, polyurethane and carbide, manuflex T-PUR drum scrapers achieve highest cleaning performance. Both rubber and polyurethane segments take up pretension. But they also compensate shocks and impacts generated by bad spots and endless connections in the belt. This ensures careful and continuous belt cleaning.

The manuflex T-PUR scrapers are available with 3 and 5 mm carbide.

Technical details
- belt width 400 – 2,000 mm
- telescopic axles
- reinforced design with aluminium profile from 1,400 mm belt width
- galvanised construction components
- exchangeable carbide scrapers

ADVANTAGES
two flexible elements for careful belt cleaning

MANUFLEX PT
For use under harsh operating conditions

Under harsh operating conditions, the PT drum scraper achieves top performance. Extremely massive polyurethane segments are arranged linearly on a robust substructure. Long service life and excellent cleaning performance are guaranteed by 3 or 5 mm thick carbide scrapers. Softer polyurethane segments are used in the outer areas to achieve higher cleaning performance in the centre of the belt.

Laterally arranged rubber spring elements also absorb shocks and impacts that can be caused by bad spots and endless vulcanisations.

Technical details
- belt width 400 – 2,000 mm
- massive axles
- aprons ensure optimum material flow

ADVANTAGES
only little installation space required
stable construction for harsh conditions
low-maintenance system

MANUFLEX V-PUR
Cost-effective and space-saving

The manuflex V-PUR is the low-cost version among carbide drum scrapers. It is often used as pre-scraper. If the installation space is particularly small, it works without rubber segments and can be used for belt widths from 400 – 1,600 mm.

Technical details
- belt width 400 – 1,600 mm
- available with carbide blades
- lateral rubber spring elements as shock absorbers
- stable mounting bracket
- solid construction

ADVANTAGES
low-cost and reliable
low space requirement
low-maintenance
MANUSCHOCK
Compact and economic tapping roller
The manuschock impact roller cleans steep-angle conveyor belts and belts with corrugated edges by continuous tapping on the running side. Contaminants are reliably removed and thus premature wear of high-quality system components is prevented.

Technical details
• useable for conveyor speeds up to 500 – 1,400 mm
• galvanised under-belt carrier roller, equipped with eccentric bushings made of polyurethane

ADVANTAGES
low space requirement
maintenance-free
compact and cost-effective
long service life

DEVELOPMENT AND PRODUCTION
First-class products and customised solutions
Stricker is a reliable partner when it comes to minimising downtime of your production facilities. Therefore, we are happy to provide the professional installation, maintenance and optimisation of your conveyor systems.

Together with you, we develop products that are tailored to your specific needs. Experienced engineers and technicians create system-specific performance calculations to meet your individual requirements. To provide you permanently a perfect service and competitive products, our production facilities are being continually adapted and developed.

ASSEMBLY AND SERVICE
We are available to service you 365 days of the year
To ensure your conveyor systems are always ready to use, we are available 365 days a year.

We are happy to provide also the regular inspection and maintenance of your systems. Maintenance contracts assure optimum availability of your production facilities at low operating costs.

Find out about the quality of our products, our consultation and our service. Call us or write us an e-mail. We would be happy to advise you.

OUR SERVICES
24-hour installation service, 365 days a year
endless connection of conveyor belts by hot and cold vulcanisation processes
mechanical connections
maintenance of conveyor systems
rubber coating of drums
wear protection linings
conveyor belt cleaning and centring
system optimisation
maintenance work on your conveyor belt
technical consulting on site
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