

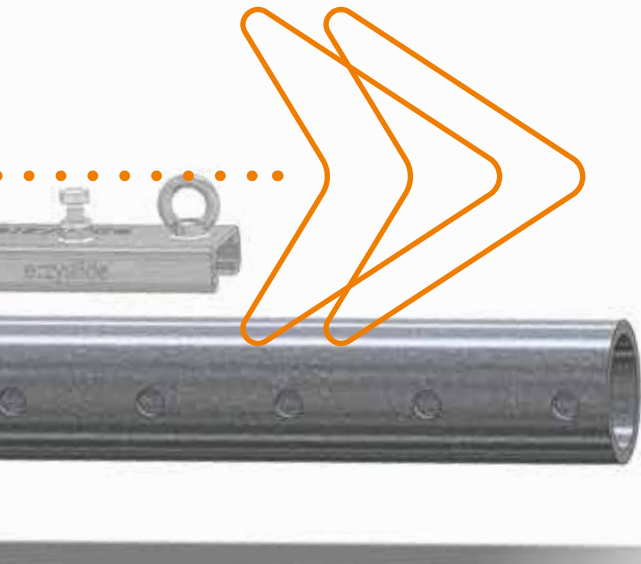


e:zyslide[®]
THE RETRACTABLE



MAINTENANCE AND SERVICE WITHOUT SCAFFOLD.

SAFE,
FAST,
RELIABLE.



e:zyslide®
THE RETRACTABLE

e:zyslide® stands for laterally extendable **HOSCH** scrapers that are characterized by safety, efficiency and reliability. Whether it is the e:zyslide® B6, D2, S3 or L2 - all models save time and money from the very first use.

ENSURE THE SAFETY OF YOUR EMPLOYEES AND SAVE TIME AND MONEY.

With **HOSCH e:zyslide®** you **reduce the risk of accidents**, as the scrapers are pulled out for maintenance and **you no longer need scaffolding**. This is not only easy on the budget, but also on your service technicians.

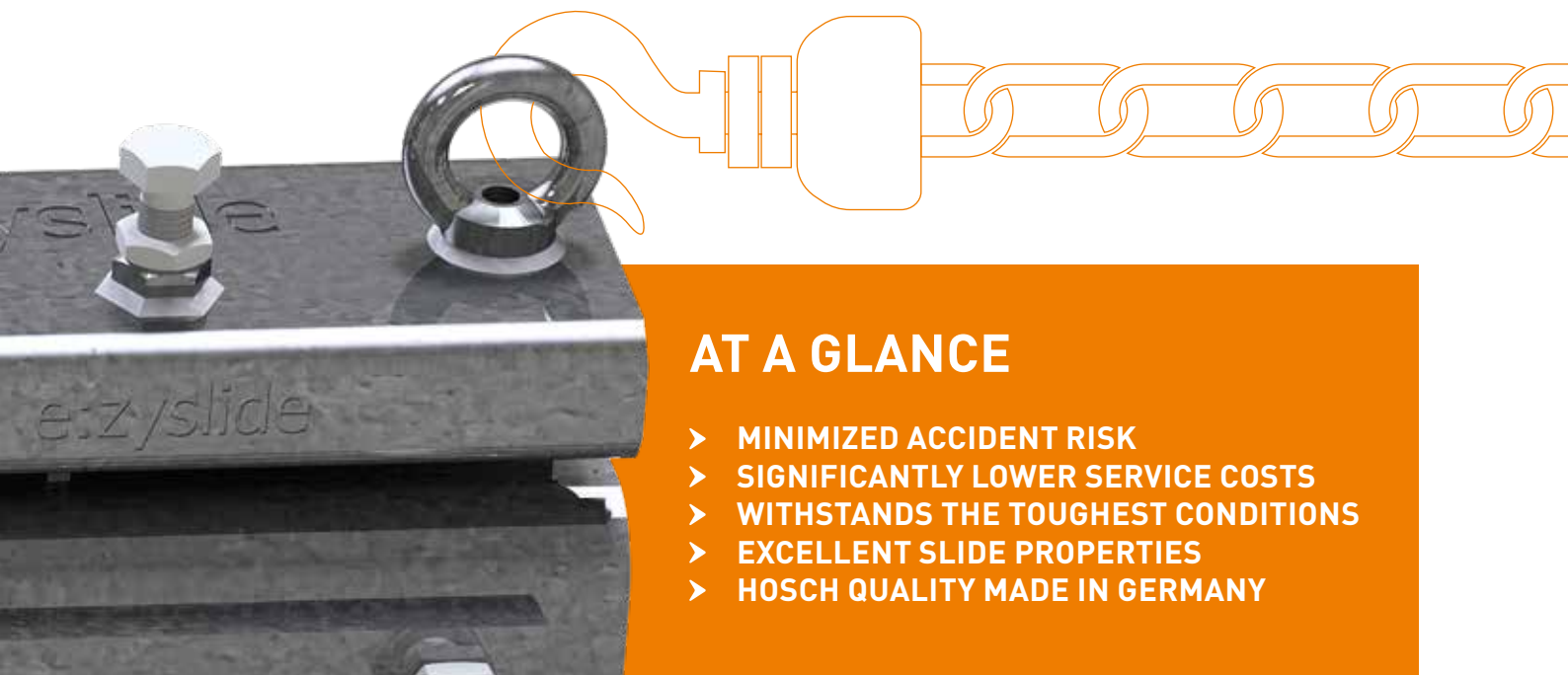
Save up to 80% time and therefore considerable costs for each service.

The combination of lateral extraction and segmentation makes the **HOSCH e:zyslide® the best choice for tight spaces around the installation.**

The further development of the sliding guide of the e:zyslide® series, which was achieved at **HOSCH** through numerous experiments and material expertise, is **particularly efficient in the case of heavy soiling and adhering materials**. Rails made of stainless steel and sliding guides made of low-friction plastic ensure that the sliding properties have improved dramatically.

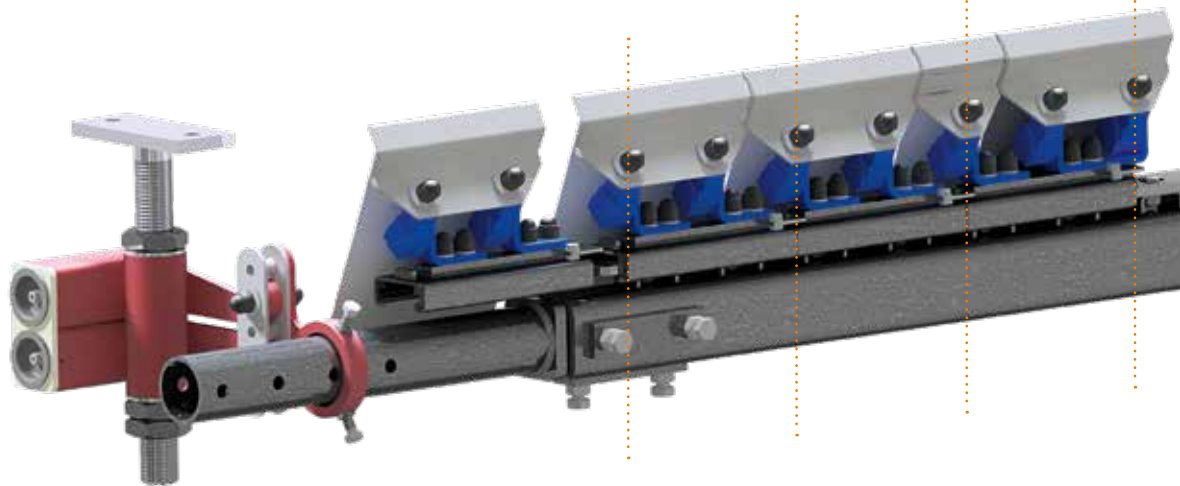
Our e:zyslide® scrapers have proven in numerous applications around the world that their **sophisticated design and special combination of materials make them work even under harsh environmental conditions.**

As a globally registered trademark, e:zyslide® relies on the well-known HOSCH top quality. High-quality materials and proven German engineering guarantee reliable functionality. The wearing parts are identical to the parts of the corresponding **HOSCH** standard devices. The proven **HOSCH** service guarantees compatibility and availability.



AT A GLANCE

- MINIMIZED ACCIDENT RISK
- SIGNIFICANTLY LOWER SERVICE COSTS
- WITHSTANDS THE TOUGHEST CONDITIONS
- EXCELLENT SLIDE PROPERTIES
- HOSCH QUALITY MADE IN GERMANY



➤ OUTSTANDING IN PARTS

The scraper can also be removed in individual segments of 240 mm and is therefore very flexible and easy to handle even in limited spaces.



➤ E:ZYSLIDE® IN THE ENDURANCE TEST

An extension aid that can be attached to the assembly carrier is available as an option. A ratchet lever hoist can be attached here to increase the pulling force in the event of heavy material build-up. This ensures that work is easier on the back and it generally requires less effort to operate the e:zyslide® easily.





e:zyslide® D2/D3

With the D-Series, **HOSCH** has taken up the challenge of making innovative products even more user-friendly. All the practical experience gained in collaboration with **HOSCH**'s own research and development department has gone into the realisation of the D-Series.

With its numerous innovations, the D-Series shows its strengths not only in its very high cleaning performance, but also in terms of manageability. For many of our customers, using a scraper that is easy to operate but still meets the highest demands is important.

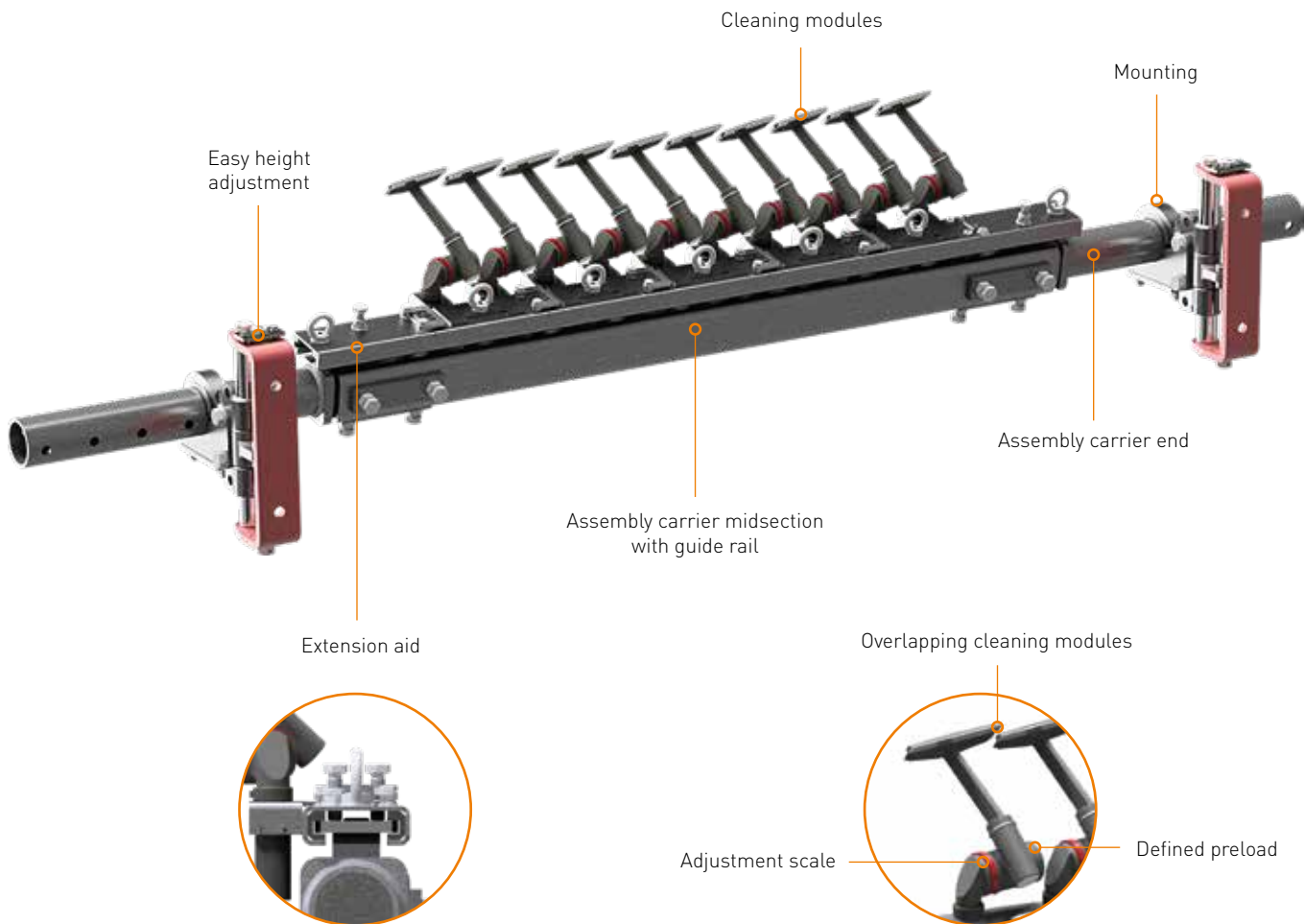
With the D-Series, **HOSCH** once again points the way to the future as a technological industry leader by the following features:

- the simple and self-explanatory handling
- ensuring permanent belt contact due to increased absorption capacity of dynamic forces
- the improved material flow between the scraper modules and the resulting lower material build-up enable trouble-free operation
- significant reduction of installation and maintenance effort, as all settings can be made outside the chute
- long component service life
- fewer wearing parts and extended maintenance intervals

We proudly present the result: Get to know the D-Series with its technical data, special features and optional accessories.

► TECHNICAL DATA

Data/Type	e:zyslide® D2	e:zyslide® D3
Belt width	1,000 – 1,600 mm	1,400 – 2,000 mm
Belt speed	≤ 4.5 m/s	≤ 5.5 m/s
Conveyor belt	For smooth fabric and steel cord belts with vulcanised splices	
Reverse operation	Yes, in a special version (see optional accessories)	
Runback	Yes, in a special version (see optional accessories)	
Installation position	In the lower belt area	
Cleaning modules	Spring-loaded, separately adjustable, carbide-tipped modules with evasive function	
Design	Modular design, can be flexibly adapted to the installation situation (see optional accessories)	



► SPECIAL FEATURES

- uniform cleaning performance over the entire belt width due to a defined pretensioning of the modules
- the high pulling stability guarantees smooth running and avoids material buildup on the assembly carrier
- using the adjustment scale, each module is provided with the correct pretension and adapted to the belt contour
- accelerated maintenance process due to reproducible adjustment of the scraper by means of the optional adjustment ring
- the single-row, overlapping arrangement of the modules enables gap-free cleaning and simplifies installation
- wear limit control through fixed end position guarantees maximum safety for your conveyor belt



e:zyslide® B6

As early as 1986, the still young company **HOSCH** achieved a worldwide breakthrough in scraper technology with the B6 scraper.

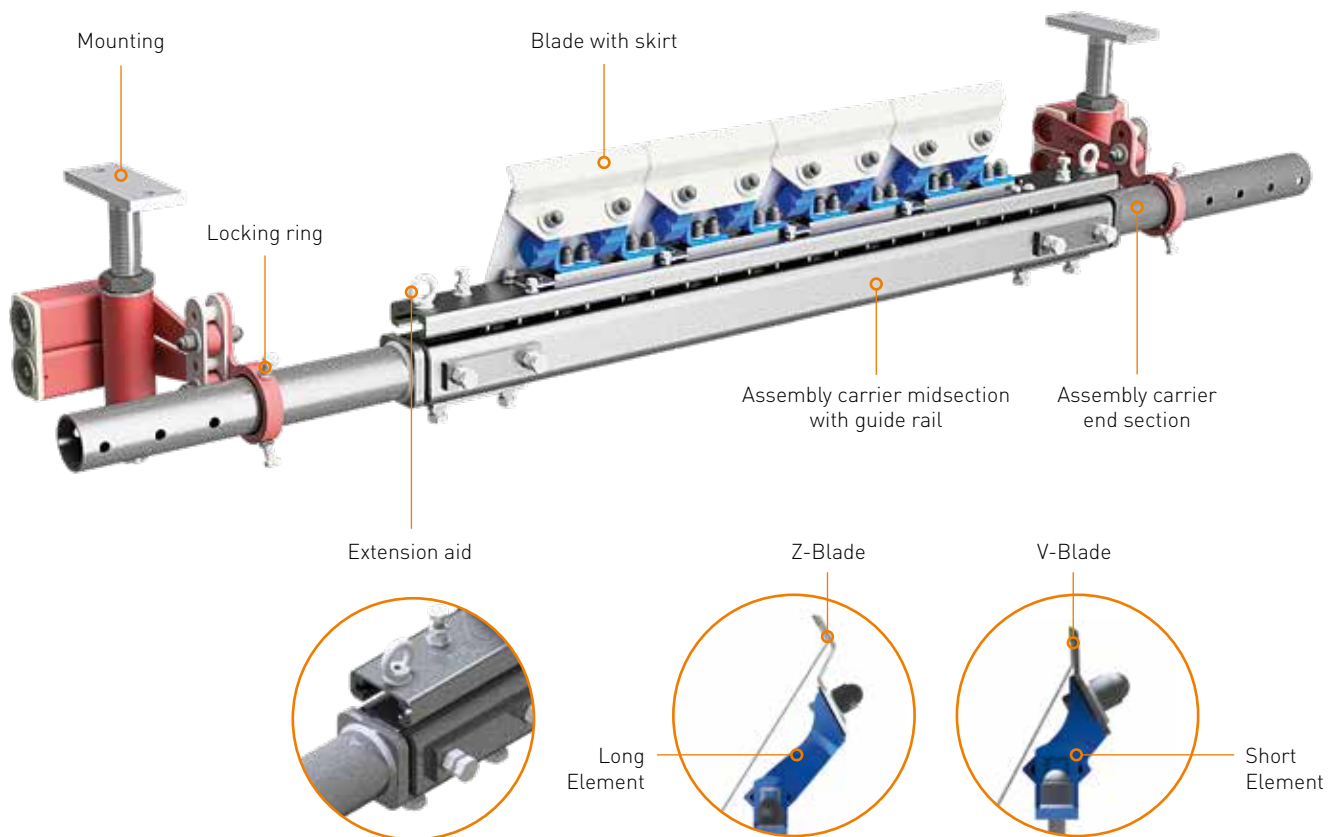
The B-Series is the most proven product line in our range and has been continuously developed. With its robust and compact design as well as flexible application possibilities, it is valued as a reliable all-rounder.

Similar to the concept of the C-Series, it acquires a variety of configurations by means of its modular system. Various blade and element combinations allow for precise adaptation to your installation. From low-cost and simple variants to special designs, the B-Series covers all requirements.

See for yourself the best-selling scraper in the **HOSCH** offer.

► TECHNICAL DATA

Data/Type	e:zyslide® B6-C
Belt width	1,000 – 3,200 mm
Belt speed	≤ 6.0 m/s
Conveyor belt	For smooth fabric or steel cord belts with vulcanised splices
Reverse operation	Yes, in a special version (see optional accessories)
Runback	Yes, in a special version (see optional accessories)
Installation position	In the lower belt area and on the drum
Cleaning blades	Spring-loaded, carbide-tipped blades with individual evasive function
Design	Modular design, can be flexibly adapted to the installation situation (see optional accessories)



► SPECIAL FEATURES

- different cleaning blades ensure versatile application possibilities in all areas (see optional accessories)
- skirts mounted on the blades deflect the material forward and feed it into the material flow.
This is particularly advantageous in tight transfer situations
- also available as OEM configuration
- variable adjustability
- automatic self-adjustment
- compact design for low space requirements
- after consultation with **HOSCH**, also available in special sizes and individual designs



e:zyslide® S2/S3

With the development of the e:zyslide® S-Series, **HOSCH** has combined the advantages of a polyurethane pre-scraper with those of a durable main scraper.

The head drum scraper is installed between the 3 and 4 o'clock position. The simple but extremely effective design combines the polyurethane blocks with carbide scraper edges, resulting in exceptionally long service lives.

Another notable feature compared to conventional PU pre-scrapers on the market is the special external mounting. In addition to the PU-based flexibility, this enables a planned and defined evasive movement. Compared to conventional PU pre-scrapers, this results in additional operational reliability.

With the e:zyslide® S-Series, **HOSCH** has developed a scraper that increases productivity through long service life and extended maintenance intervals.

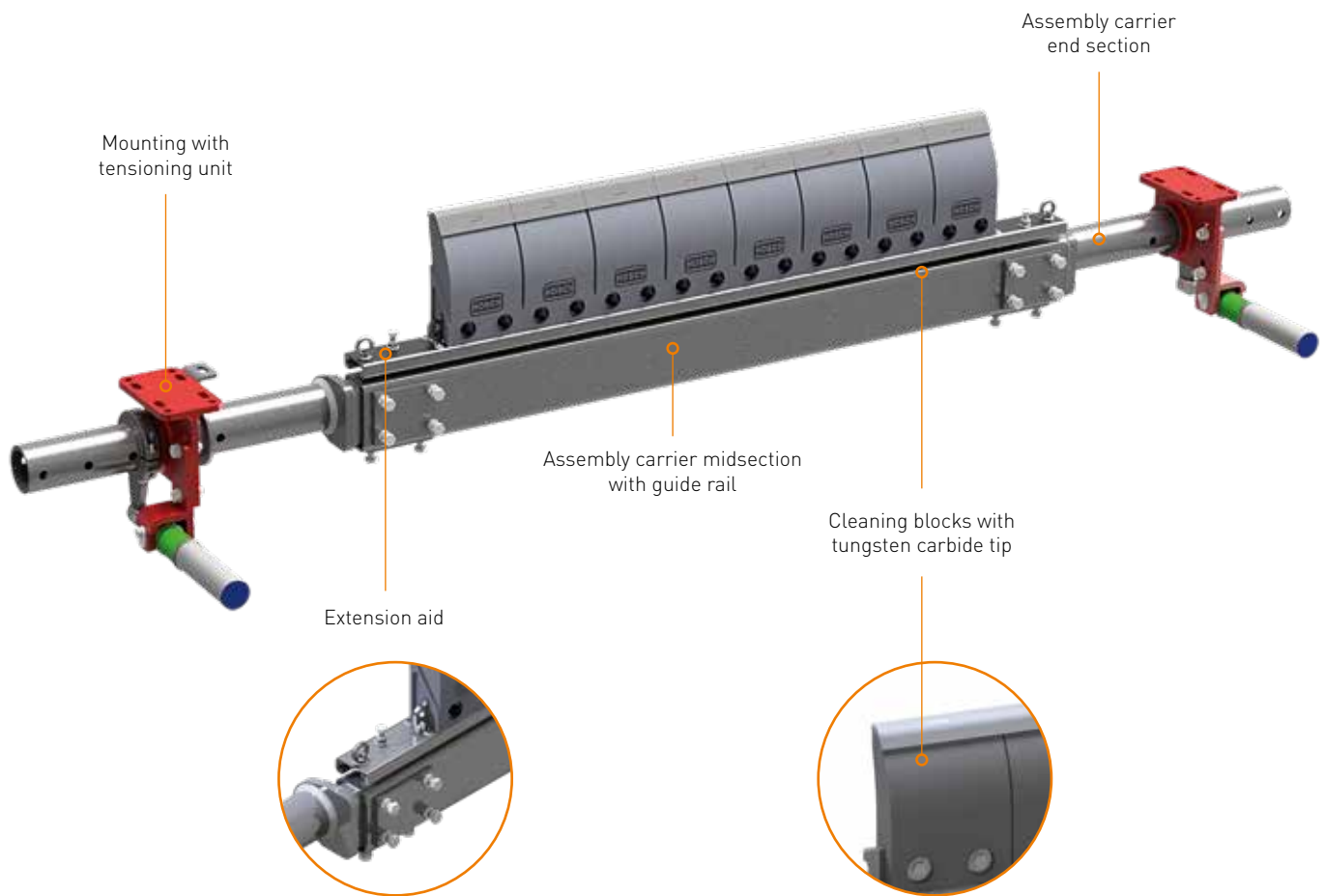
A scraper of the e:zyslide® S-Series offers you:

- simple and self-explanatory handling
- safe evasion
- longer lifetime due to high-quality carbide
- fewer wear parts
- quick and easy maintenance

Get to know the HD-PU-S-Series with its technical data, special features and optional accessories.

► TECHNICAL DATA

Data/Type	e:zyslide® S2	e:zyslide® S3
Belt width	1,000 – 1,600 mm	1,800 – 2,400 mm
Belt speed	≤ 4.5 m/s	≤ 7.5 m/s
Conveyor belt	For smooth fabric and steel cord belts with vulcanised splices Recommended hardness > 60 Shore-A	
Reverse operation	Yes	
Runback	Yes	
Installation position	On the drum between the 3 and 4 o'clock position	
Cleaning blocks	Cleaning blocks made of polyurethane (PU) with carbide scraper edges	
Design	Modular design, can be flexibly adapted to the installation situation (see optional accessories)	



► SPECIAL FEATURES

- exceptionally long service life due to high-quality carbide scraper edges
- two-stage spring-damper system to ensure safe evasion
- special dampers with a high spring rate calm the vibrations that occur during the swerving movement
- user-friendly and compact design
- simple handling during installation and maintenance
- integrated offset profiles serve to improve the evasive movement (lever arm)



With the e:zyslide® L2-Series, **HOSCH** supplements its pre-scraper range with a low-cost, classic polyurethane (PU) variant for medium- to heavy-duty applications.

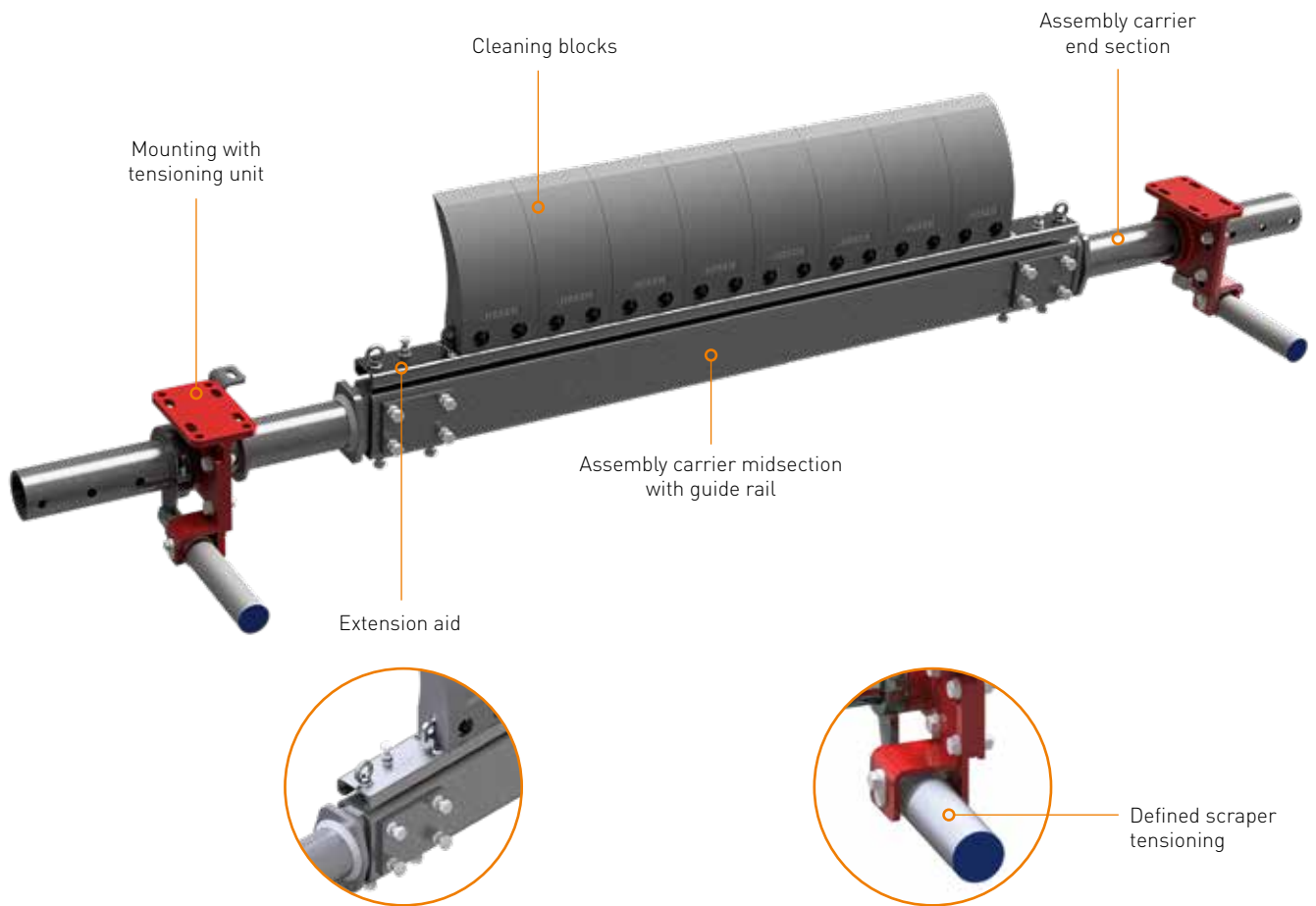
It was designed to relieve the main scrapers and is mainly used for cohesive materials.

Flexible mountings and easy maintenance procedures make the e:zyslide® L2-Series particularly suitable for tight plant situations.

An integrated indicator on the mounting shows the wear progress of the PU blocks and thus supports you in maintenance planning.

► TECHNICAL DATA

Data/Type	e:zyslide® L	e:zyslide® L2
Belt width	1,000 – 2,400 mm	1,600 – 3,200 mm
Belt speed	≤ 5.5 m/s; with mechanical belt splices ≤ 2.5 m/s	≤ 7.5 m/s; with mechanical belt splices ≤ 2.5 m/s
Conveyor belt	For smooth fabric and steel cord belts with vulcanised and mechanical splices. Recommended hardness > 60 Shore-A	
Reverse operation	Yes	
Runback	Yes	
Installation position	On the drum between the 3 and 4 o'clock position	
Cleaning blocks	Cleaning blocks made of polyurethane (PU)	
Design	Modular design, can be flexibly adapted to the installation situation (see optional accessories)	



► SPECIAL FEATURES

- position holder - for easy maintenance and adjustment of the necessary preload
- one-sided tensioning device for smaller belt widths
- double-sided tensioning device for higher dynamic forces or wide conveyor belts
- fixed stop when the wear limit is reached leads to more plant safety
- safe evasion
- wear indicator to support maintenance planning

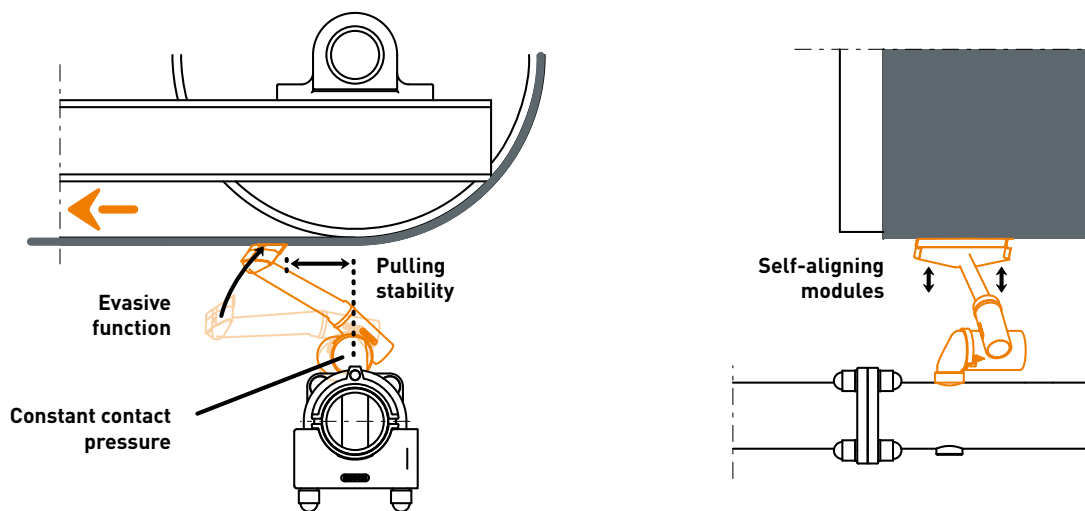
WHAT MAKES THE HOSCH TECHNOLOGY SO EFFICIENT?

► SPRING AND DAMPING SYSTEM

An essential pre-condition for the efficient cleaning of conveyor belts is the permanent contact between the scraper edge and the conveyor belt. We can ensure this with the **HOSCH** spring and damping system even under very rough and dynamic conditions. The combination of damping systems and pulling stability supports the low-vibration running behaviour of the scraper.

The **HOSCH** spring and damping system and the pulling stability guarantee:

- steady and long-lasting belt contact of the scraper edge
- a flexible evasion in case of interfering edges (e.g. mechanical splices)
- the maintenance of constant contact pressure with continuous wear
- the smooth running of the scraper

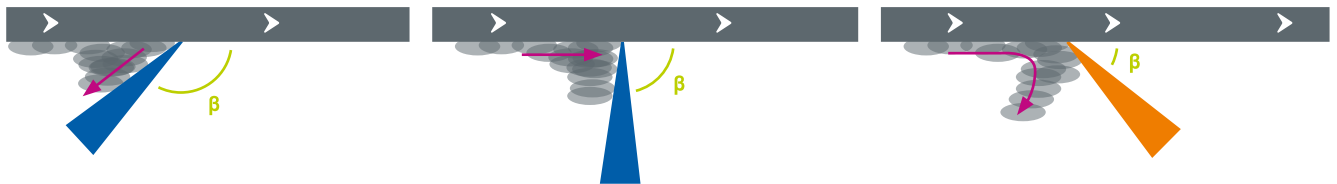


► ADAPTATION TO THE BELT SURFACE

Due to individual height adjustment, pre-tensioning as well as three-dimensional, independent alignment, the modules ideally adapt to the belt contour. This innovative belt adaptability of the **HOSCH** scrapers is an elementary component of cleaning efficiency.

➤ PAINT SCRAPER PRINCIPLE

Around the scraper, three distinguishable geometric arrangements of the cleaning elements have emerged through different approaches. In the following, we explain the different positions and why **HOSCH** has specialised in the paint scraper principle.



Dragging arrangement

- insufficient cleaning efficiency due to pocket formation and increased material jam
- increasing belt load due to the strong contact pressure required

Bar principle, 90° to the belt

- moderate cleaning efficiency but still higher contact pressure needed to ensure belt contact

Paint scraper principle

- highest possible cleaning efficiency
- optimal drainage of the material
- low contact pressure between scraper edge and belt
- minimum belt strain

➤ OVERLAPPING ARRANGEMENT OF THE SCRAPER MODULES

An overlapping arrangement of the module rows avoids material drafts between the individual scraper segments. Due to its very high cleaning efficiency, **HOSCH** can often do without a pre-scraper.

➤ MODULAR PRINCIPLE

We meet the complex requirements of your plant with a high degree of flexibility without having to make extensive changes. Solutions for special features such as increased vibrations, extraordinary abrasiveness or mechanical splices are made possible by our modular system.

THE HOSCH DIFFERENCE.

Permanent contact of the scraper edge to the conveyor belt, long service life due to the selection of the best materials, and research and development work at the highest level. The functionality of **HOSCH** products has many faces. The flexible **HOSCH** modular system allows a variety of individual solutions tailored to your plant.

Consultations, installations and maintenance are carried out by the experienced **HOSCH** Customer and Service Team. In this way, we guarantee you maximum performance over a long period of time.

We offer you this "ALL-ROUND CAREFREE PACKAGE" worldwide.

We are not afraid of any comparison. For this reason, we have developed our own comparative measurement, with which we can measure the performance of different cleaning systems together with you. The so-called carryback measurement has become the industry standard. You don't just see which savings opportunities are available to you on paper but directly on the system at the relevant conveyor belt. Do not hesitate to compare us with other suppliers. Contact us and convince yourself of the **HOSCH** difference.



Please visit our website
www.hosch-international.com
and discover more about us.



A **HOSCH** employee is always near you.
Get in contact with us, and we will come to you - no matter where you are.

OUR SERVICES FOR YOU:

- technical analysis of your belt conveyor systems
- selection of suitable belt cleaning and belt tracking systems, etc.
- CAD-supported installation planning
- installation, commissioning and maintenance of **HOSCH** systems
- support the operation of your equipment by maintaining belt plans and maintenance statistics
- spare and wear parts management
- development of cost-saving potentials
- measurements and business analysis by utilizing carryback measurement



Various options for our scrapers/pre-scrapers expand our product range. In this way we can optimally adapt your **HOSCH** scraper to your plant. Your responsible **HOSCH** engineer will be happy to advise you.



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