



Berco Service Line

Adaptability and flexibility for every need, engineered by Berco competence.

Berco Service Line

High standards of engineering, quality control processes with financial advantages of low TCO (Total Costs of Ownership).

The construction sector is an increasingly strategic market for Berco, especially since relative expenditure in the industry is forecast to grow by 80% by 2030, driven by a growing world population. This is the context in which Berco is playing an increasingly important role, thanks to products which combine high standards of engineering, production and quality control processes along with the financial advantages of low TCO.

The Service Line range that Berco is offering for bulldozers and excavators includes rollers, chains, idlers and sprockets; products in which the company has extensive expertise. Berco Service Line is the best solution to satisfy the customers who are seeking for the best TCO keeping the highest Berco quality standards – a vital determining factor given that 30% of machinery maintenance costs in the construction sector are attributable to the undercarriage.



progress together.

New Service Line
Extended Warranty*

* All products shown in this document originate from Berco exclusively. Any references to Caterpillar (the Caterpillar word signs) are mentioned to communicate that the aforementioned products are only suitable for Caterpillar machines with the corresponding model designation.

* for details see Berco Warranty Terms & Conditions.

Berco Service Line Solutions

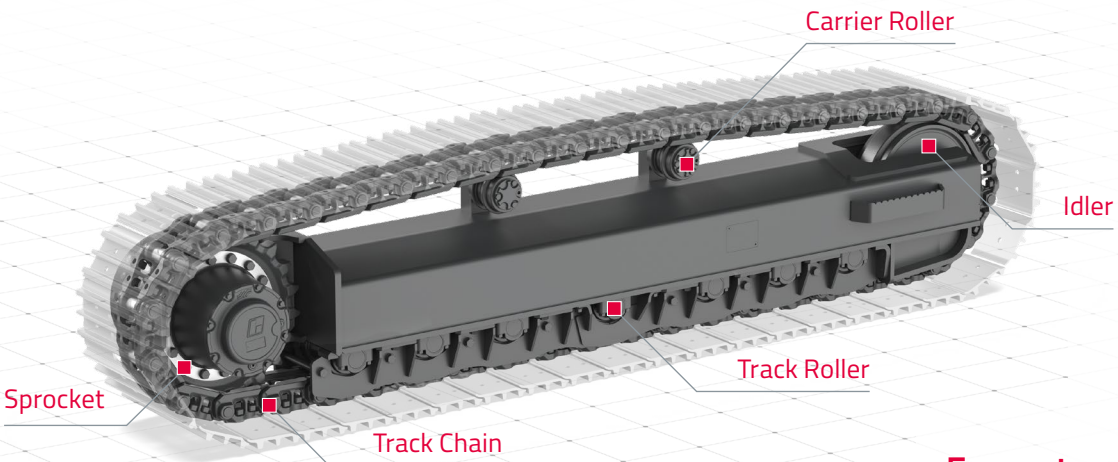
A reliable and economical set of solutions for your undercarriage.

Berco Service Line offers an innovative, reliable and economical set of solutions to your undercarriage needs, for both, the Original Equipment Manufacturers (OEMs) and the Aftermarket customers.

The track-type machine classes range from 7 to 50 ton and 140-228.6 mm chain pitch also provides our customers with the right solution to their specific requirements.



Construction Excavator



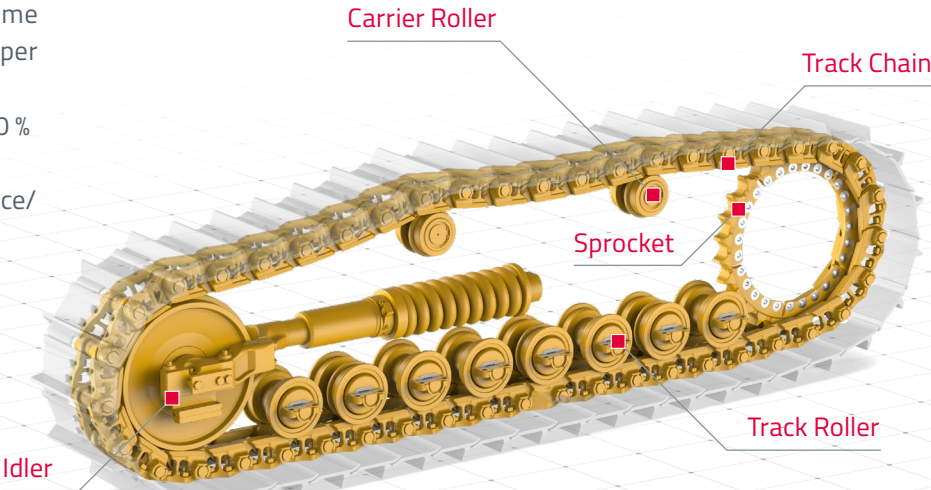
Excavator

Excavators travel slowly and short distances; their undercarriage moves for 10-20 % of SMU hours*. Excavators have high machine weight and high impact to the undercarriage during normal working conditions.

Construction Dozer

Dozer

Dozers travel at high speeds (max speed approx. 10-12 km/h) and distances; hence UC requires larger volume of wearable material and deeper heat treatment. Dozer undercarriages move for 80-90 % of SMU hours*, and require more undercarriage maintenance and service/ refurbishment on components.



* "SMU hours" are the Engine Hours based on the Service Meter Unit (SMU)

Construction Excavator

Chain



Chain Features:

- Track link with optimized design in the main structural sections
- Pin and bushing with selected material and heat treatment for high load and high impact resistance

Track Roller and Carrier Roller

- Rollers are sealed for life using the most advanced sealing system solutions
- The usage of Boron steel grade and dedicated heat treatment devices provide a superior mechanical resistance and superlative impact resistance



Idler

- Idler and track adjusters are designed to absorb any kind of external loads generated during the working conditions of the excavator

Sprocket

- Cast sprocket for standard duty application
- Forged sprocket for HD and forestry application
- Multiple drilling pattern to fit different final drive flanges



Construction Dozer

Chain



Chain Features:

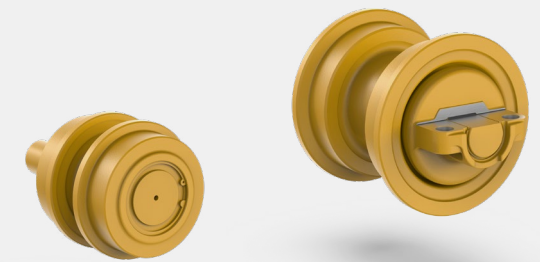
- Stepped bushing available on selected machine models
- Less friction between components and reduced fuel consumption

Link Features:

- Taller track link profile for more wear material
- Deeper heat treatment case depth

Track Roller and Carrier Roller

- Rollers are sealed for life using the most advanced sealing system solutions
- Roller shells are differential quenched to provide high wear resistance at the rail diameter and high mechanical strength at the inner diameter to avoid any kind of deformation under load



Idler

- Idlers with brackets have an adjustable shimming system to reduce idler to frame clearance
- Rubber spring are also available for a better vehicle NVH

Sprocket

- Segment design for easier maintenance
- No need for track chain removal for replacement
- Forged part using Boron steel through hardening to maximize life



Service Line

Excavator - Products Availability



Construction Excavator																		
Brand	CAT*							Komatsu						Hitachi				
Model	215	235	312	320	325	330	345	PC130	PC200	PC300	PC360	PC400	PC450	ZX130	ZX200	ZX280	ZX330	ZX450

TRACK CHAIN

Track Chain	SL	●	—	●	●	—	●	—	●	●	●	●	—	—	●	●	●	●	—
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ROLLERS

Track Roller	SL	●	●	●	●	●	●	—	●	●	●	●	●	●	●	●	●	●	●
Carrier Roller	SL	—	—	—	○	○	○	○	—	—	—	—	—	—	—	—	—	—	—

IDLER AND SPROCKET

Idler	SL	—	—	—	●	●	●	●	—	●	●	●	●	●	●	—	●	●	—
Sprocket	SL	—	—	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

SL Service Line ● AM Available ○ Coming soon — Not Available

Liebherr				Doosan					Volvo			Kobelco		JD						Sany
R906	R916	R926	R934	DX140	DX255	DX300	DX350	DX420	EC140	EC210	EC480	SK135	SK210	135	180	210	270	350	450	SY240 / SY265

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Service Line

Dozer - Products Availability



Construction Dozer													
Brand	CAT*						Komatsu	Liebherr			JD		
Model	D3	D4	D5H	D6M/N	D7E	D8 N-R-T	D65	PR712	PR721	PR734	650	750	850
TRACK CHAIN													
Track Chain	SL	—	●	○	○	—	●	●	●	●	—	—	●
ROLLERS													
Track Roller	SL	●	●	●	●	—	●	●	●	●	●	●	—
Carrier Roller	SL	●	●	○	○	○	●	●	●	—	●	—	—
IDLER AND SPROCKET													
Idler	SL	—	—	—	—	—	●	—	—	—	—	—	—
Sprocket	SL	—	—	○	○	●	●	—	—	—	—	—	—

SL Service Line ● AM Available ○ Coming soon — Not Available

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Berco Warehouse

Whenever you look for an optimized product handling Berco warehouse offers improved logistics, flexible delivery service and enhanced stock availability.

Through an open dialogue with customers about their needs, we strive for quickly adapting to changing environments and specific requirements. That's the goal of Berco Aftermarket, that's why we have a warehouse fully dedicated to our customer needs.

We aim to provide the smartest and most efficient solutions, we aim to be best partners. For doing this, we never stop changing and evolving.

That's why starting from October 2022 we built up our warehouse that today holds more than 1.500 sku's.

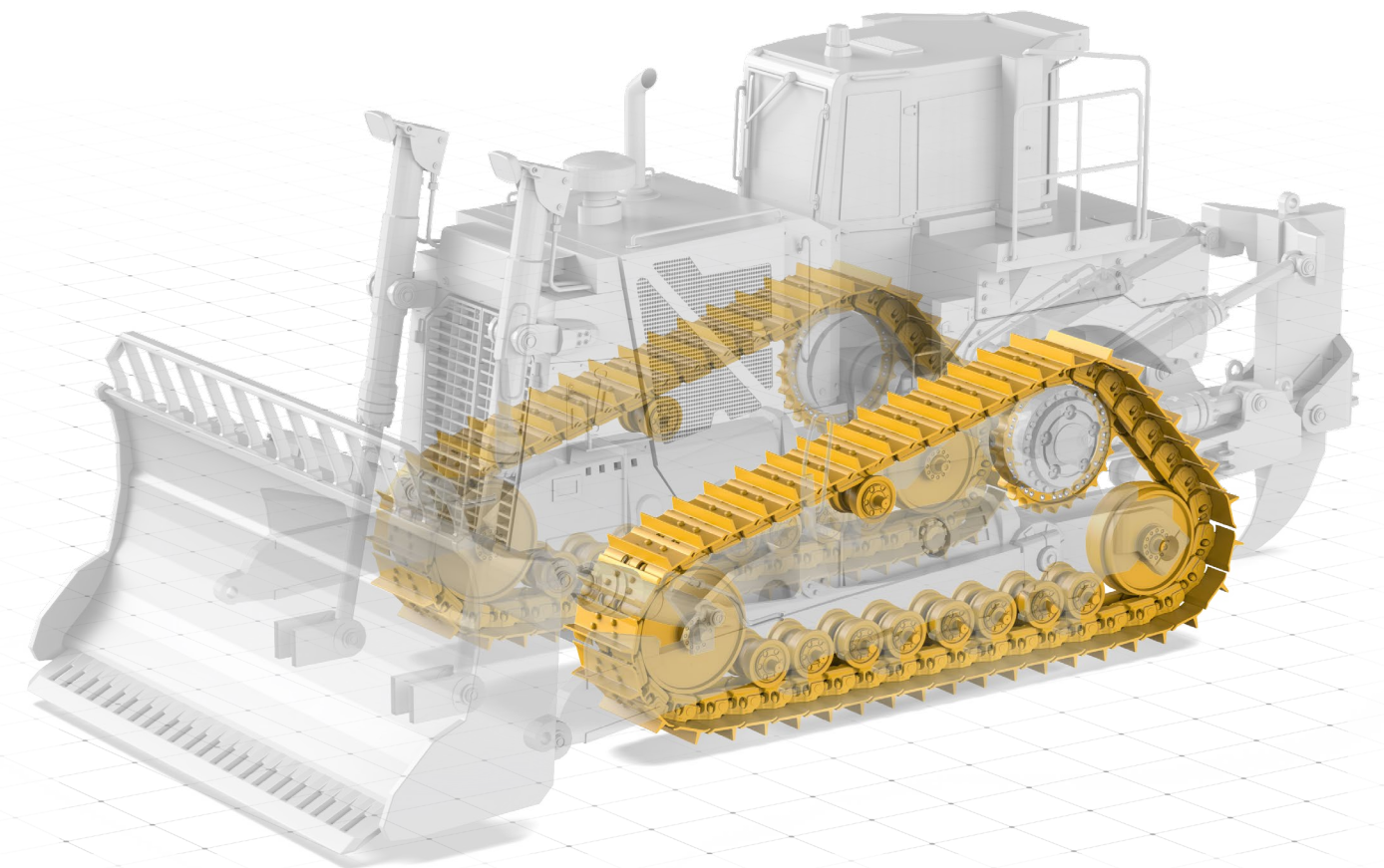
Berco Aftermarket warehouse



Berco Service Line CAT® D8N-R-T

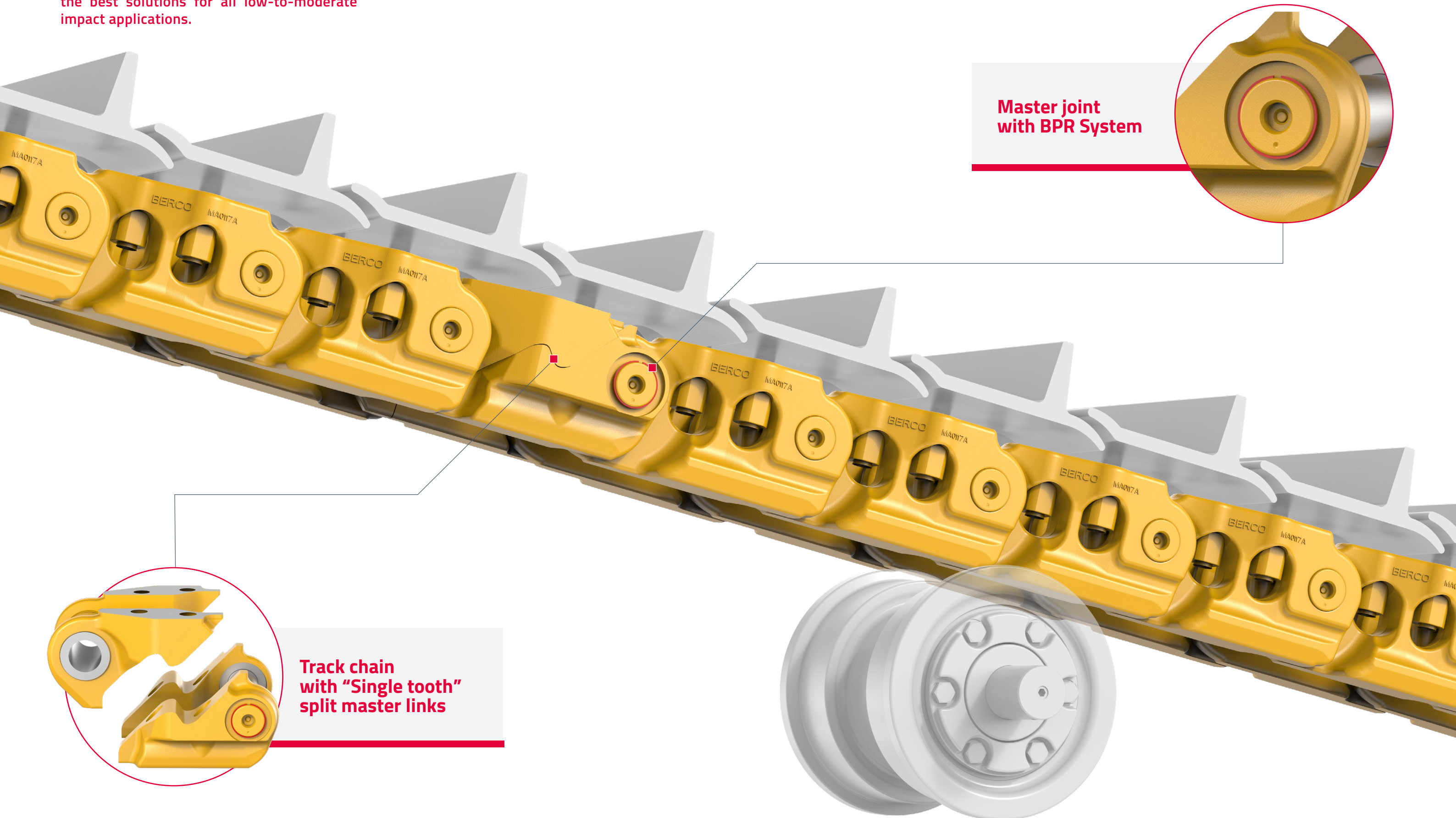
The new Berco Service Line alternative recommended for all low-to-moderate impact applications where the elevated performances of the Berco Original are not requested.

Berco Service Line undercarriage for CAT® D8N-R-T application gives you performance and durability in an economical solution. Designed to operate and deliver the straightforward service and maintenance you need to realize your projects, our new machine is particularly suited to construction applications.



Technical Features

Berco Service Line CAT® D8N-R-T provides the best solutions for all low-to-moderate impact applications.



**Master joint
with BPR System**

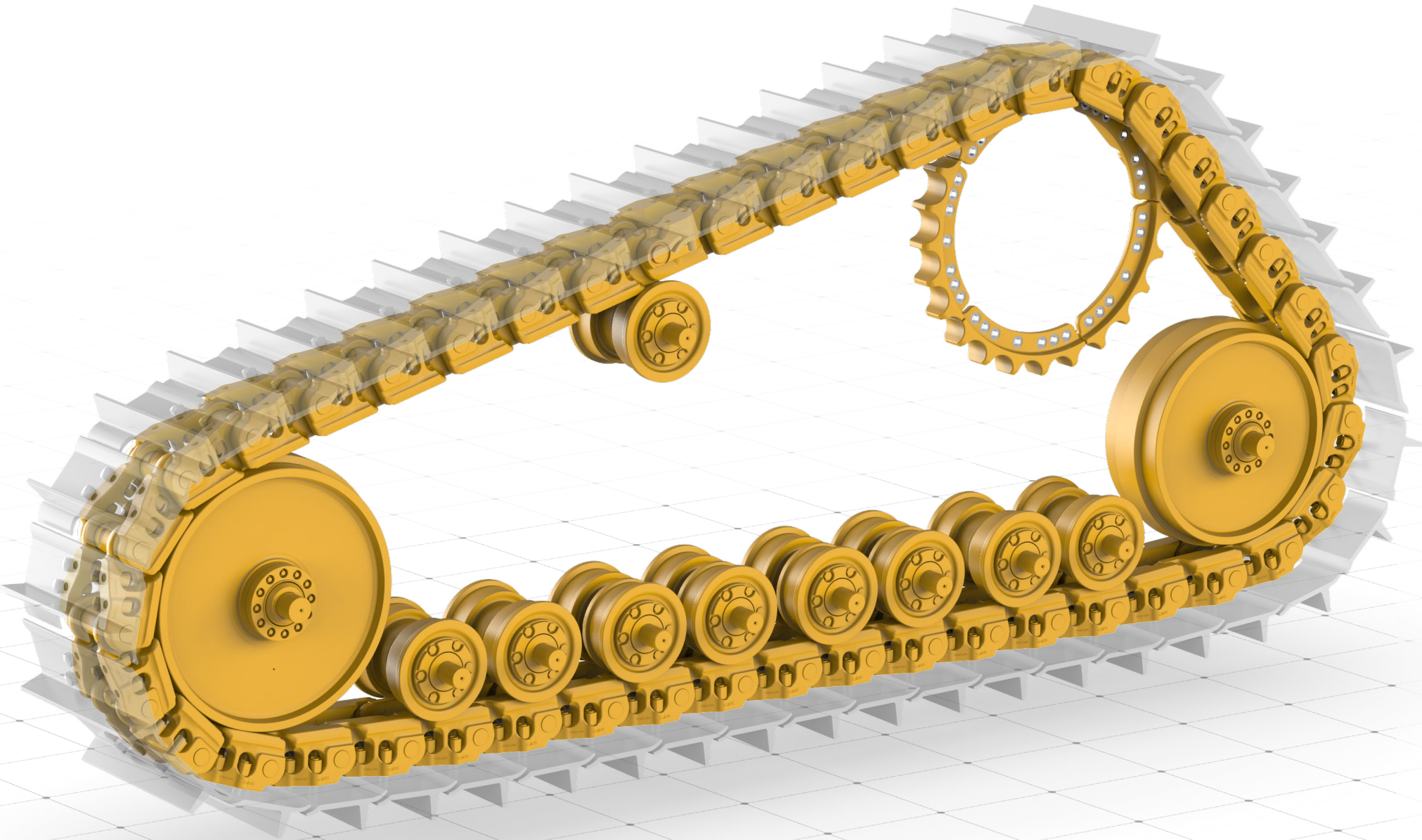
**Track chain
with "Single tooth"
split master links**

Berco CAT® D8N-R-T Advantages

A solution for off-highway machines to maximize your investment.

- Ready-to-use products
- Lower TCO (Total Costs of Ownership)
- New Extended Warranty*

* for details see Berco Warranty Terms & Conditions.



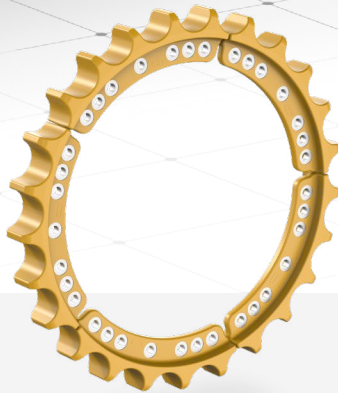
Track Chain



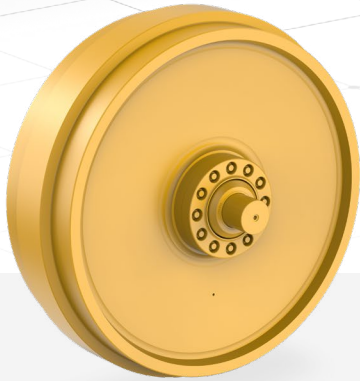
Track Roller SF



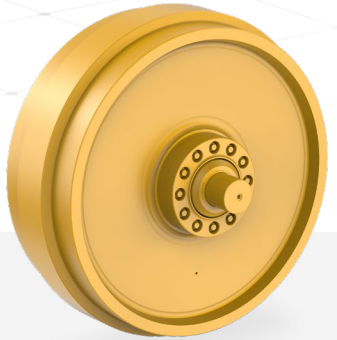
Track Roller DF



Segment Group



Front Idler



Rear Idler

Products Catalog

Check the complete catalog of Berco products available for CAT® D8N-R-T.

Material Reference Service Line	Undercarriage Components
CR7968A-044-00-I	Link Assembly
CR7949A-000-00-I	Track Roller Single Flange
CR7950A-000-00-I	Track Roller Double Flange
CR7969A-000-00-I	Front Idler
CR7970A-000-00-I	Rear Idler
CR7973A	Segment Group



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