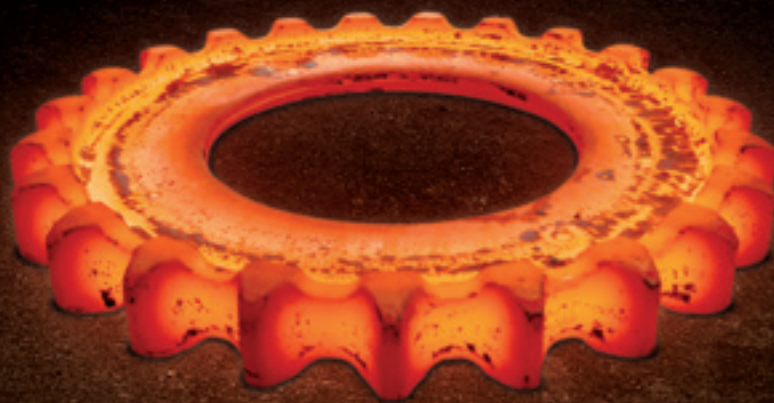
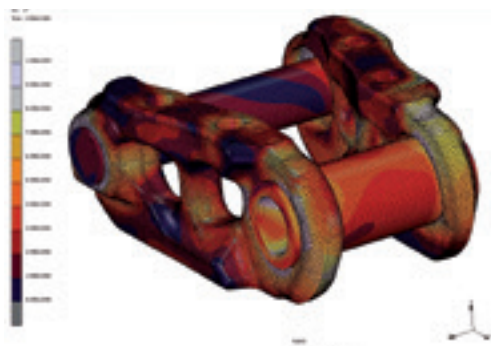


UNDERCARRIAGE
TECHNOLOGIES





DEVELOPMENT

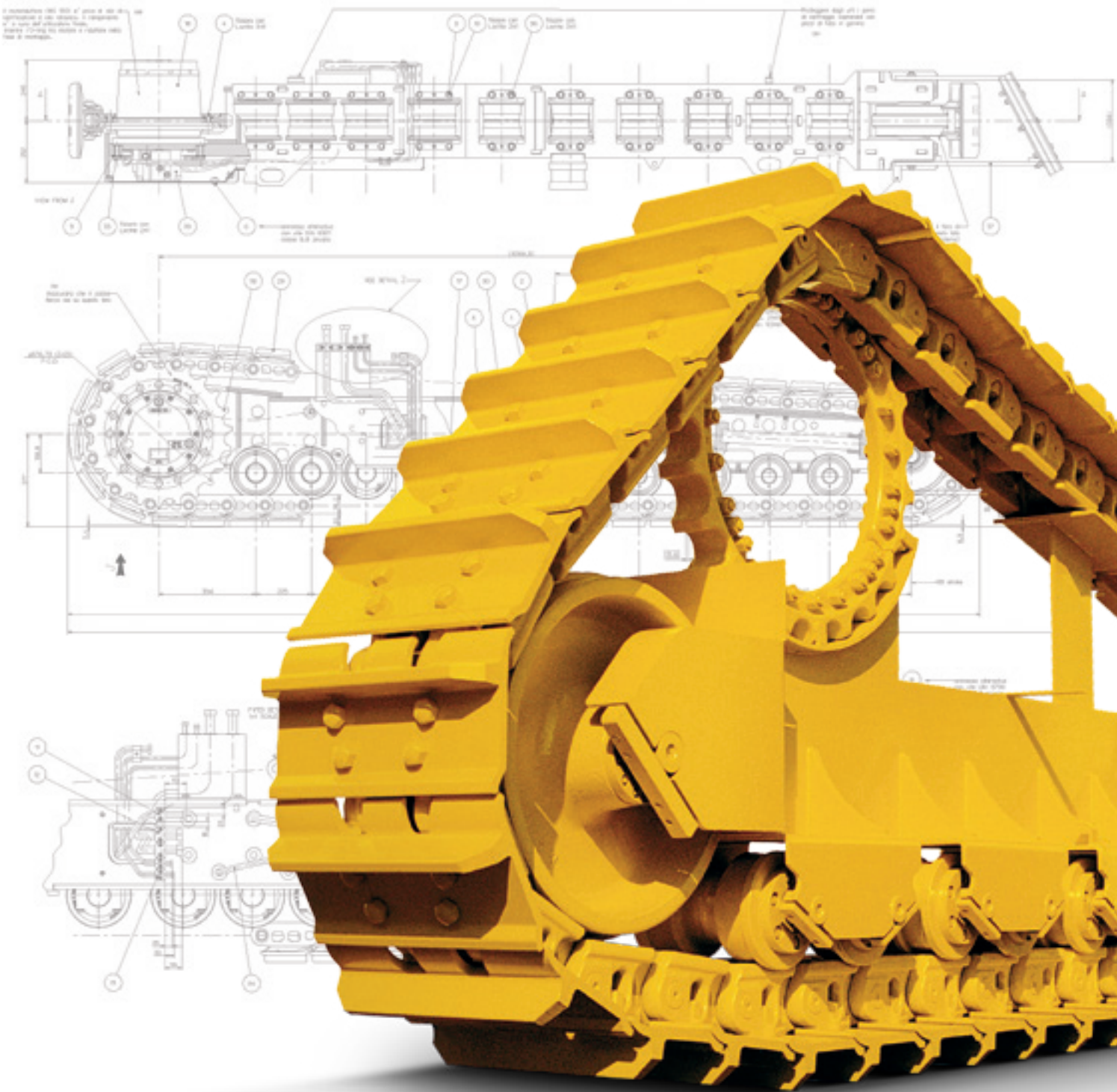


PRODUCTION



QUALITY

QUALITY HAS





DISTRIBUTION

CUSTOMER CARE

ANCIENT ROOTS...

Since 1920 **Berco** offers innovative, reliable and economical solutions to any undercarriage need with a **wide range** of systems and parts for any market. Whether for the Original Equipment Manufacturers or the Aftermarket, from special machine to mini-excavators, from bulldozer to mining excavators, Berco has the right answer to your specific requirement. Superior engineering, innovative technology, comprehensive know how and state-of-the-art manufacturing guarantee the **total quality** of the products and services offered to you.

Custom made solutions and project engineering support is available through our R&D Team, which can help you to choose the most effective and efficient solution to specific undercarriage need. Berco adds value to your business helping you to reduce development and engineering time, tooling expenses and facility costs.

Berco is the **competent partner** for the OEM that wants to make a step beyond.

Berco is Made in Italy. Production plants are located in Copparo (Headquarter) and Castelfranco Veneto. Berco Group is present in the world through subsidiaries located in U.S.A., Germany, Brasil, India and China.

Berco products are developed using 3D design, analyzed with Finite Element Method and realized with rapid prototyping for optimization. **Reliability Test** on components are carried out to verify life and performance in a variety of field of applications. Material and components are analyzed using the best technology to avoid production defects and to verify the performance. Heat Treatments are carried out under the continuous control of each parameters of machining by a forefront metallurgy laboratory. **The productive process is entirely automated** and grants the constant quality of Berco products.

Berco reaches more than 70 countries thanks to a **global dealer network** delivers all over the world and grants an effective customer care.







BMP

MINING PRODUCTS

A CENTURY OF EXPERIENCE FROM THE MINES ALL OVER THE WORLD

Berco Mining Products offers an efficient, reliable and economical range of solutions for mining operations, catering for the undercarriage needs of open pit mining, quarrying or earthmoving in large-scale land reclamation ranging from 50 to 400 ton track-type machines with 215.9-350 mm chain pitch.

Superior engineering and technology, comprehensive know-how and state-of-the-art manufacturing ensure the total quality of the products and services offered.

Our team of engineers is available to help you to choose or design the most effective and efficient solution to your specific undercarriage needs.



- ⚙ Dry, greased, sealed & lubricated chain versions.
- ⚙ Forged shoes for heavy duty applications.
- ⚙ Track chains for special applications: large conveyor systems, pipeline handling, drilling machines, etc.
- ⚙ Track chains with "BPR2™" (Berco Pin Retention 2), which improves the working life time of the components.



BMR

MEDIUM RANGE

ADAPTABILITY AND FLEXIBILITY FOR EVERY NEED

Berco Medium Range offers an innovative, reliable and economical set of solutions to your undercarriage needs, both for Original Equipment Manufacturers (OEMs), and for the Aftermarket, for track-type machine classes ranging from 7 to 50 ton and 140-228,6 mm chain pitch also providing you always with the right answer to your specific requirements.



- ⚙ Dry, greased, sealed or lubricated chain versions, heavy duty chains, more than 11,000 configurations.
- ⚙ Any configuration available with single, double, triple grousers.
- ⚙ Cast steel shoes for swamp, flat type, bent ends shoes, polyurethane track shoes, etc.
- ⚙ Cast, forged or fabricated idler types, more than 500 configurations.
- ⚙ Single flange, double flange or inner flange rollers, more than 1,500 configurations.
- ⚙ More than 600 configurations of sprockets and segments.
- ⚙ Low and high temperature versions for extreme applications.
- ⚙ Undercarriage for special applications: conveyor, pipeline handling, milling machines, forest machines, etc...
- ⚙ The new Rotating Bushing Track System "Robustus™".





BMU

MINI UNDERCARRIAGE & UTILITIES

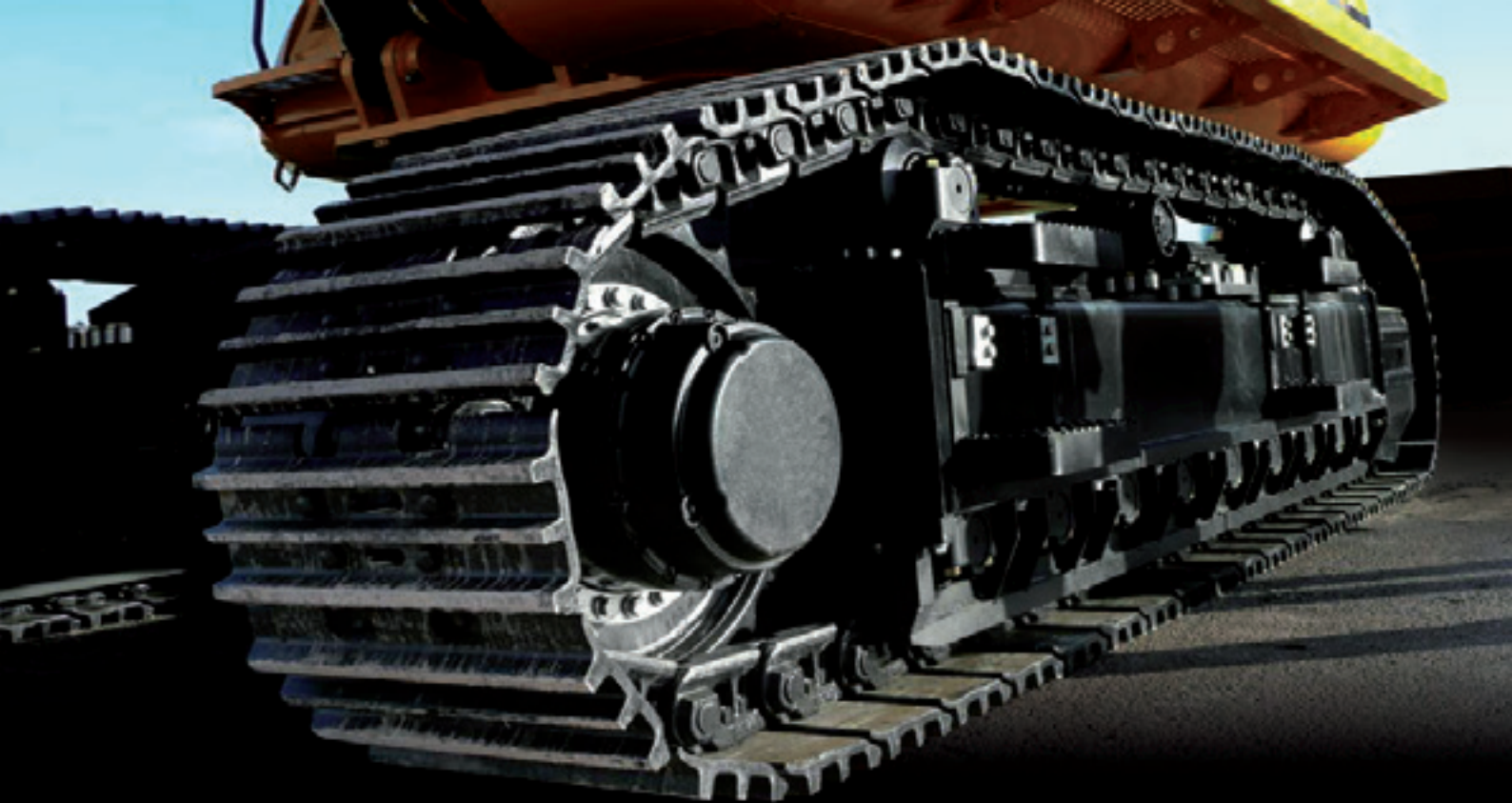
VERSATILITY AND INNOVATION FOR SMALL MACHINES WITH HUGE DUTIES

Berco Mini Undercarriage division offers an innovative, reliable and economical set of mini undercarriage solutions for class machines from 1.5 to 6 ton, Compact Track Loader (CTL), for miniexcavators, horizontal drilling machines, small dozers or paving machines.

Berco can supply a complete range of interchangeable components for rubber track belts or traditional steel track chains, guaranteeing the best possible value for money. Superior engineering, innovative technology - e.g. patented monoblock cast iron chains - comprehensive know-how and state-of-the art manufacturing ensure the total quality of the products and services offered.



- ⚙ Track chains with 90-135 mm pitch.
- ⚙ Traditional steel chains with welded or bolt-on shoes.
- ⚙ Interchangeability from steel to rubber and vice versa.
- ⚙ Clamp-on rubber pads or rubberized shoes available.



BTS

COMPLETE

TRACK SYSTEMS

ENGINEERING AT YOUR SERVICE

Berco Complete Track Systems division is the ideal solution for all OEM that need complete 'turnkey' undercarriage system. Berco supplies complete track systems (undercarriage components, hydraulics, frames and gearboxes), finished and ready for installation on machines directly at manufacturer's assemble lines.

Berco does not simply assembles generic parts found on the market but offers a vast range of products, and when are required special applications Berco develops sets of components specifically tailored to customer's need.

Berco's great competence and flexibility in engineering and production allows OEM to develop, design and supply undercarriage systems for a wide range of applications, such as pavers, rock boring machines, rice and sugarcane combine harvesters, mini-excavators, etc.





BSD

SPECIAL DEVICES

THE IMPORTANCE OF MAINTENANCE FOR THE UNDERCARRIAGE LIFE

Berco Special Devices offers a complete solution to your undercarriage maintenance needs, with a range of presses and devices required for pin & bushing turning, roller lubrication, track shoe fastening, sprockets or on-site machine servicing.

Berco offers turnkey solutions, custom-made design and supply of complete workshop and repair facilities, training and technical support.



- ⚙ PT250 and PT350 stationary hydraulic press for the assembly/disassembly of medium and large-size track chains.
- ⚙ PP50 and PP100 portable presses powerful and versatile tools for assembly and disassembly of track chains, sprockets, rollers, shafts, transmission components, etc...
- ⚙ DCL and DCL-D track control and lubricating devices for checking the vacuum in oil seals and injecting oil into lubricated chains, rollers and idlers.
- ⚙ CEM7000 electromechanical track shoe wrench for screwing and unscrewing the shoe bolts on tracked vehicle chains, both large and small.
- ⚙ Track Chain lubricators.



BERCO S.p.A.

Via 1° Maggio, 237 - 44034 Copparo (FE) - Italy
Tel. +39 0532 864 111 - Fax +39 0532 864 259
sales@berco.com - www.berco.com

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All manufacturers's names, numbers, symbols and descriptions are used for reference purposes only.
All parts listed are of Berco original production.
The specifications and processes described in this brochure are subject to change without notice