



UNDERCARRIAGE SOLUTIONS AND COMPONENTS



ENGINEERED FOR SUCCESS.

ITM is a global leader in the design, manufacture and distribution of undercarriage components and solutions. Our know-how and experience in service and technical support enables us to meet all the needs of our clients at every stage, from design and build to on-site.

Through many years of collaboration with global OEMs and R&D and by listening to client feedback on the performance of our products, we continue to keep industry moving with solutions that maximise productivity.

What also differentiates ITM is our dedicated team of over 1,300 professionals located around the world. With 40 experts in our Engineering Centre, we develop innovative solutions for the most

challenging projects, whatever the application and wherever it's required. We supply components to the leading OEMs and our products can also be accessed via a global network of dealers and distributors, enabling clients to get the parts they need, quickly and efficiently.

Our Product Support Specialists assist clients with best performing products and lowering maintenance costs. And with our After Sales team that's there for you every step of your journey, we will continue to raise the bar and set the standard of excellence in the undercarriage industry.

This is how we get clients engineered for success.

INDUSTRIES





TRACK CHAINS

We supply track chains for any type of crawler machine, from standard to special applications such as conveyors, bucket wheel excavators, and subsea diamond dredgers. All our chains are developed by our R&D department in cooperation with our Product Support Specialists who have built up significant expertise in all kind of applications and tirelessly test our products in close partnership with our customers. Innovative materials, new geometries and special heat treatments on all components (pins, bushings and links) guarantee maximum performance and longer wear life.



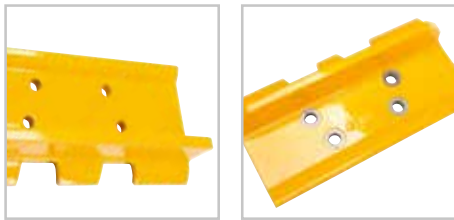
- Track Chains ranging from link pitch 90 mm to link pitch 350 mm - and above for cast monoblock designs.
- Dry track chains, sealed and greased excavator track chains, lubricated chains for high performance applications.
- New sealed and lubricated chains for mining dozers:
 - Selectively anti-scallop versions are available.
 - Additional surface coating treatment of the track pin significantly reduces the pin's galling phenomenon.

- New monoblock configuration for mining excavator over 200 ton weight class.
 - Made from special cast steel and mass heat treated for maximum structural life under extreme working conditions.
 - Roller path, central tooth and pin hole of every single shoe are induction hardened to optimize wear performance under the most severe applications.



TRACK SHOES

Our range of track shoes is designed for all applications ranging from standard to “super extreme service”. Thanks to our special steels and our custom engineered heat treatments, ITM track shoes meet the highest performance standards with drastically reduced wear.

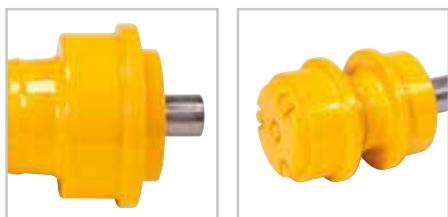


- Shoes suitable for chains ranging from link pitch 90 mm to link pitch 350 mm available in more than 5,000 configurations.
- Cast shoes in various widths up to 2,400 mm.
- New shoes with mixed structure: central part in cast steel and welded wings. Available in widths up to 3,000 mm.
- Rubber or polyurethane vulcanized versions for road and non-standard special applications.



TRACK ROLLERS

To ensure the best performance of the undercarriage components, the top and bottom rollers must allow the chain to run optimally in all conditions. Perfect movement is achieved with materials, treatments and mechanical processes applied following highly stringent rules and standards. We have adopted the same strict criteria for rollers for all kinds of applications and environments, introducing new seal groups to the range, specially designed to be more resistant to wear.



- Single and double flange track rollers and carrier rollers suitable for crawler machines ranging from 0.8 to 800 tons.
- Special version rollers for road milling machines, pavers, forestry and agricultural applications.



IDLERS AND TENSION GROUPS

Thanks to the expertise acquired working alongside the leading global manufacturers of earthmoving machinery and our experience in the field, we produce cutting-edge idlers as regards their fatigue strength and wear resistance.

Our tension groups are also highly efficient, even in extreme environments: from the black stone mines of Jordan to the diamond mines in the coldest region of Eastern Siberia.

- Idlers suitable for track-type earthmoving and special application machines ranging from 0.8 to 500 tons.
- Cast and fabricated versions available.
- Wide range of spring type adjusters, nitrogen accumulators, elastomer tension units, friction ring units, as well as tensioning systems.
- New idler wheel for mining dozer with new “X section” reinforced design.



SPROCKETS AND SEGMENTS

Our ongoing research into sprockets and segments and our pursuit of only the highest performing components, have led to results which have significantly reduced wear and cut cost per hour. One example is our special formula steel developed for mining dozer segments which, when combined with other ITM undercarriage components, guarantee unrivalled performance.

- Sprockets and most common final drive types matching any type of crawler machine application and most common final drive types.
- Three to six teeth segments suitable for dozer track-type machines ranging from 6 to 100 tons.
- Monoblock cast sprockets.
- New bolt-on segments for mining dozers.





 Inter tractor



DESIGN AND PRODUCTION OF UNDERCARRIAGE SOLUTIONS

Thanks to our engineering expertise, we offer our customers specifically designed system solutions for conventional machines, as well as special applications, such as stackers bridges, mobile conveyors, bucket wheel excavators, mobile crushers and reclaimers. We also supply system solutions for subsea mining crawler, cable and pipe tensioning equipment in the offshore industry.

- Complete range of undercarriage solutions for OEMs, specially designed for the construction, mining, crushing, drilling, forestry, road building and agricultural industries.
- Tailor-made system solutions for machines up to 2,500 tons weight class.
- State-of-the-art technology: 3D modelling, 3D prototype printing, finite element analysis.
- Maximum performance reliability, guaranteed by in-depth laboratory analysis and field testing.
- Complete pre- and post sale customer service.





Titan International

Quincy, IL, USA
 Bryan, OH, USA
 Des Moines, IA, USA
 Freeport, IL, USA
 Saltville, VA, USA

Titan Tire Corporation

Union City, TN, USA

Titan Pneus do Brasil Ltda

São Paulo, Brazil

Voltyre-Prom

Volgograd, Russia

Titan Mining Services (TMS)

SWT
 Saskatoon, SK, Canada

Titan Mining Services (TMS)

Titan Australia Pty Ltd
 Emerald, QLD, Australia
 Kalgoorlie, WA, Australia
 Karratha, WA, Australia
 Mildura, VIC, Australia

Muswellbrook, NSW, Australia

Perth, WA, Australia
 Port Hedland, WA, Australia
 Sydney, NSW, Australia
 Whyalla, SA, Australia
 Yatala, QLD, Australia

Titan Mining Services (TMS)

PT Titan Wheels Indonesia
 Jakarta, Indonesia

Titan Mining Services (TMS)

Titan Wheels South Africa (Pty) Ltd
 Nuffield, Springs, SA

Titan Mining Services (TMS)

Aros del Pacifico S.A.C.
 Lima, Peru

Titan Mining Services (TMS)

Aros del Pacifico S.A.
 Santiago, Chile
 Iquique, Chile

Titan Steel Wheels Ltd

Kidderminster, UK

Titan Distribution (UK) Ltd

St. Helens, UK

Titan Italia SpA

Crespellano (BO), Italy
 Finale Emilia (MO), Italy
 Jesi (AN), Italy

Titan France SAS

Flers, France

Titan Asia A.S.

Aydin, Turkey

Wheels India Ltd

Tamilnadu, India
 (Minority Share)

Italtractor ITM SpA

Fanano (MO), Italy
 Ceprano (FR), Italy
 Potenza, Italy

Titan Intertractor GmbH

Gevelsberg, Germany

Pyrsa Piezas y Rodajes S.A.

Monreal del Campo
 (Teruel), Spain

Intertractor America Corp.

Elkhorn, WI, USA
 Winston-Salem, NC, USA
 Gillette, WY, USA
 Holden, WV, USA

ITM Latin America Ltda

Atibaia, São Paulo, Brazil
 Parauapebas, Pará, Brazil

ITM Track (Tianjin) Ltd

Tianjin, P.R. of China

Titan ITM (Tianjin) Co. Ltd

WDA Tianjin, P.R. of China