



MINING SOLUTIONS

PERFORMING TRUST



“PERFORMING TRUST” represents the way we approach business: we transform our know-how and our passion into technology and technology in Trust by our customers.

For over 60 years we have continuously developed new and efficient technologies to deliver the most value to our customers. The global marketplace values ITM undercarriage components and complete frame solutions for excellence and reliability due to its robust technology and durable materials.

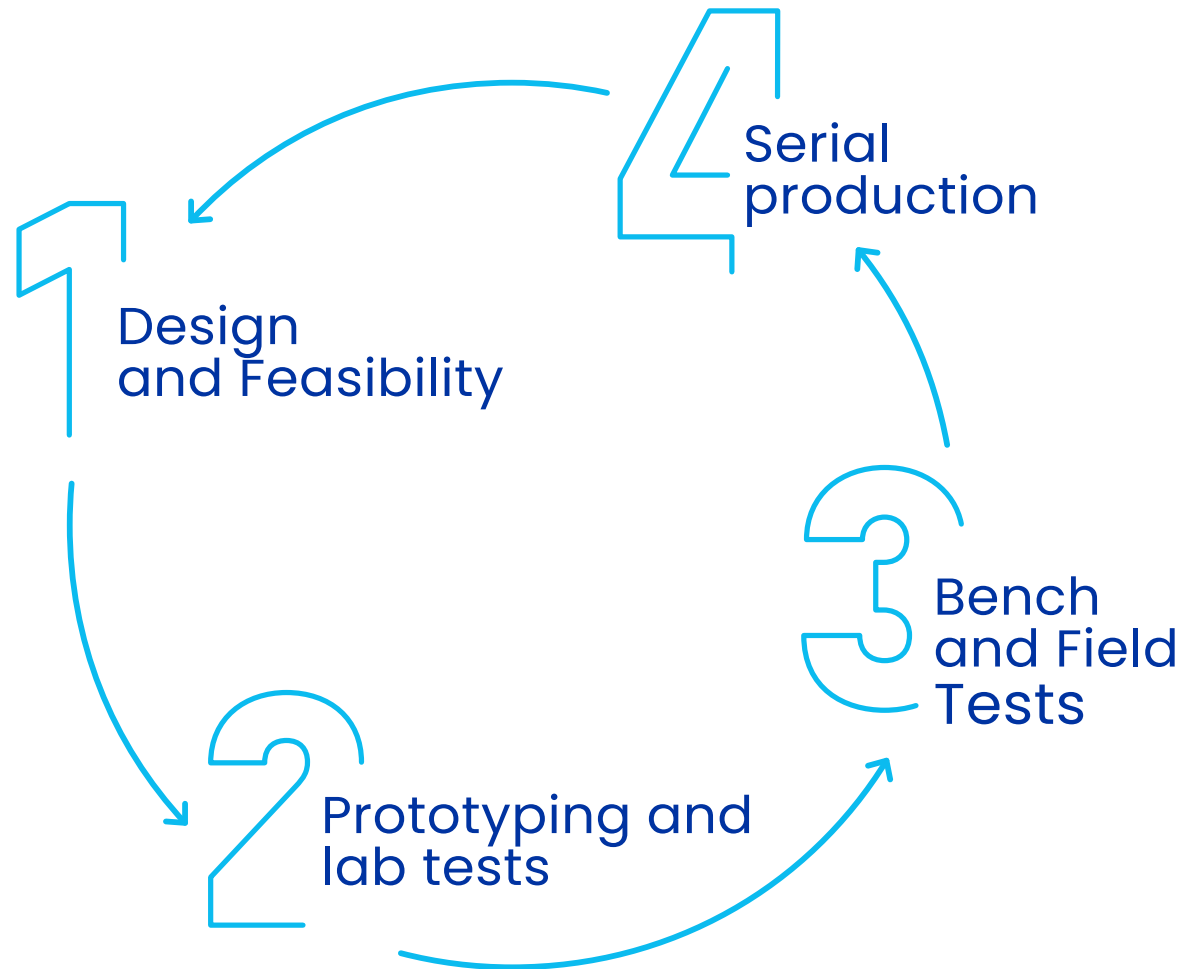
Through many years of collaboration with global customers and listening to their feedback on product performance, we continue to keep industry moving with innovative solutions to maximize productivity.

This is reflected in significant and continuous investment in Research & Development and support to customers through local production and distribution locations.

ITM undercarriage components and frames deliver superior performance and require minimal maintenance. Specific requirements and solutions for high traction and high flotation applications are available upon request.

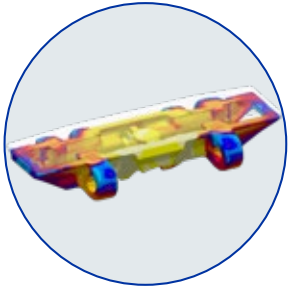
MINING SOLUTIONS

“ We have the experience and know-how to meet all our customers’ needs; whether they require assistance during the design stage, application in the field, service, or technical support, our experts are always on hand to help our customers develop new solutions. ”

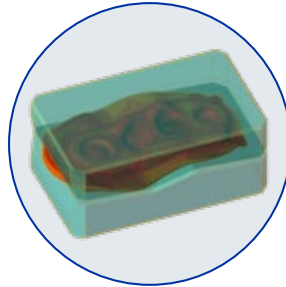


DESIGN PROCESS

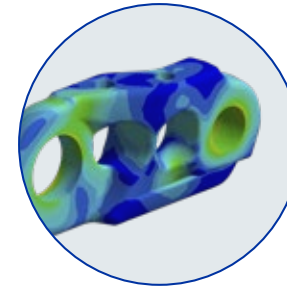
Our products are a result of extensive research, new materials development and a wide variety of laboratory and field tests.



ITM Engineering designs new products by FE calculation, identifying critical areas for optimized geometry. All aftermarket parts are benchmarked to guarantee identical dynamic behavior and to identify improvement in critical portions.



The perfect chemical composition of the steel is chosen based on ITM productive technologies, the component geometry and mechanical properties identified through FE.



Based on the steel of choice, the feasibility of complex geometry is simulated with specific software. Type and areas for heat treatments are also selected based on the previous analysis.

What drives the ITM engineering activities are the mining customer needs for continuous improvements in terms of machine cost per hour, product performance and safety.

PROTOTYPING AND TEST VALIDATION

After the design process, ITM pilot production is tested in laboratory and in the field.

Every ITM component undergoes a series of tests including:

- Mold effectiveness
- Geometrical comparison between real piece and 3D model
- Heat treatment tests (massive and/or induction)
- Machining tests
- Assembly tests
- Strain gauge Analysis
- Fatigue bench tests
- Field tests



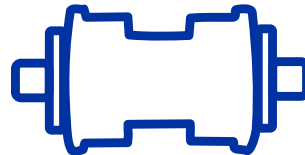
PRODUCT CAPABILITIES

“A complete range of undercarriage solutions from 4 t to 2,500 t.”



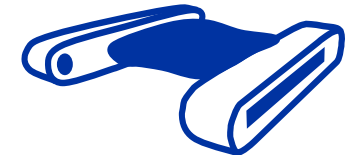
Chains

123k units/year



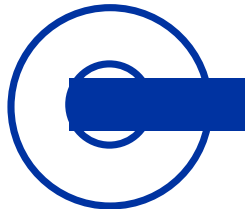
Rollers

800k units/year



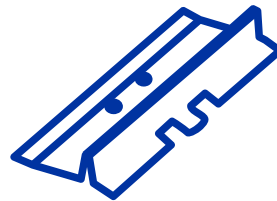
Frames

15k units/year



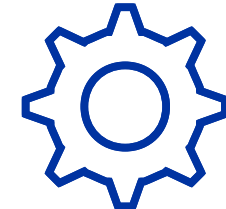
Idlers

150k units/year



Shoes

2.8M units/year



Sprockets

200k units/year


PRODUCT RANGE



Dozer

Machine	Brand	Model
	CATERPILLAR®	D8, D9, D10, D11
	KOMATSU®	D375, D475
	LIEBHERR®	PR764, PR766, PR776

Excavator

Machine	Brand	Model
	CATERPILLAR®	6030/RH120E, 6040/RH170, 6050/RH200, 6060/RH340, 7495-495HR11
	KOMATSU®	PC1250, PC2000, PC3000, PC4000, PC5500
	LIEBHERR®	R9100, R9150, R9200, R9250, R9350, R9400+, R996+, R9800+
	HITACHI®	EX1200, EX1800/EX1900, EX2500/EX2600, EX3500/EX3600, EX5500/EX5600

Any references to Caterpillar, Hitachi, Komatsu, Liebherr, relative word, signs and corresponding model designation are mentioned for reference only.

SERVICE & MAINTENANCE



DEDICATED TEAM
SERVICE CENTRES
TrackAdvice®

With track-type machines, the undercarriage is the single most expensive item, soaking up an approximate 50% of the total costs attributed to crawler maintenance.

Ongoing improvements to an undercarriage maintenance program are clearly a payoff to the bottom line—whether you own one machine or a fleet of crawlers. Undercarriage wear cannot be eliminated but it can be controlled and cost-effectively managed.

All parts of the undercarriage are designed and manufactured to work and wear as a system. So as soon as one of the components starts to wear, it will eventually have some effect on the rest of the system. Wear rates differ greatly depending upon the job profile and one's approach to it. Working conditions such as the lay of the land, material abrasiveness, and moisture content, cannot be changed. But owners and operators can minimize their effects on wear by applying best practices in track configuration and operational methods, and by staying on top of maintenance and repair tasks.

Why Choose ITM?

What differentiates ITM is our dedicated team of over 1,700 professionals located around the world. With 50 experts in our Q&A and Engineering Centre, we develop innovative and customised solutions for the most challenging projects, whatever the application and wherever it is required.

Our after sales team is 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.

Services We Provide

Machine uptime is our mission, so we offer options and solutions for our service customers

- Track Chain Reseals & Repairs
- Pin & Bush Turn and Replacement
- Grouser Plate / Track Shoe Re-lugging
- Roller re-shell / re-seal
- Idler Rebuilding
- Mud / Relief Hole Cutting
- Track Shoe Removal & Repairs
- Track Link Milling

We recondition your equipment's undercarriage to like-new and extend its lifespan. Our team ensures all projects are completed exceeding customer expectations and complying with ITM's ISO 9001:2015 Quality Management System accredited processes.

All of our technicians are trained onsite by ITM and have full access to parts and repair specifications. We can guarantee repair turnaround times to ensure minimal downtime for your project or site. We have the knowledge and experience to make sure our undercarriage services are designed to match our customers' needs, helping to achieve lower owning and operating costs, and maximise equipment uptime.

- We can repair or offer a complete replacement of your component or system.
- Extensive stock holding of components.
- Competitive service rates and turnaround times.
- Enabling our customers to make smart decisions with real facts.

CAPABILITIES OF ITM SERVICE CENTRES

ITM offers a complete service that is designed to maximize your undercarriage performance.



Maintenance & repair for all your components



On-site support by our qualified professionals



Quick set-up time for new service centres



Stock deposit and management

Our aim is to make our customers' lives easier by simplifying the science of undercarriage – a system which may look uncomplicated but is made up of many different components that all work together to create the most streamlined, powerful undercarriage.

Our state-of-the-art repair facilities strategically located to service mining regions across the globe feature specialised machinery designed to carry out a broad range of undercarriage services, allowing our customers easy

access for repairs and maintenance with extensive stock holdings.

We have one of the largest mining class undercarriage stock holdings which are supported by our global network of warehouse facilities ensuring that when you need your parts they are not far away.

For those customers operating in remote areas such as mine sites, ITM offers on-site support by our expert service technicians, ensuring minimum downtime and maximum cost effectiveness.



ALWAYS BY YOUR SIDE

A photograph of two workers in high-visibility yellow and blue clothing and hard hats inspecting the undercarriage of a large truck at a mining site. The truck is parked on a dirt road, and the background shows a hilly, arid landscape under a clear blue sky.

Design and Engineering

We provide convenient support in selecting the right product quickly and easily in the planning phase.

Undercarriage monitoring

TrackAdvice® is ITM's in field smart solution to measure component wear. Using our TrackAdvice® system we work with our customers, giving you power to have all the data available to be more precise in planning and decision making. TrackAdvice® is a proven system to measure, record and forecast all undercarriage requirements minimizing maintenance for operations and improving safety for all field operators.

Customer service

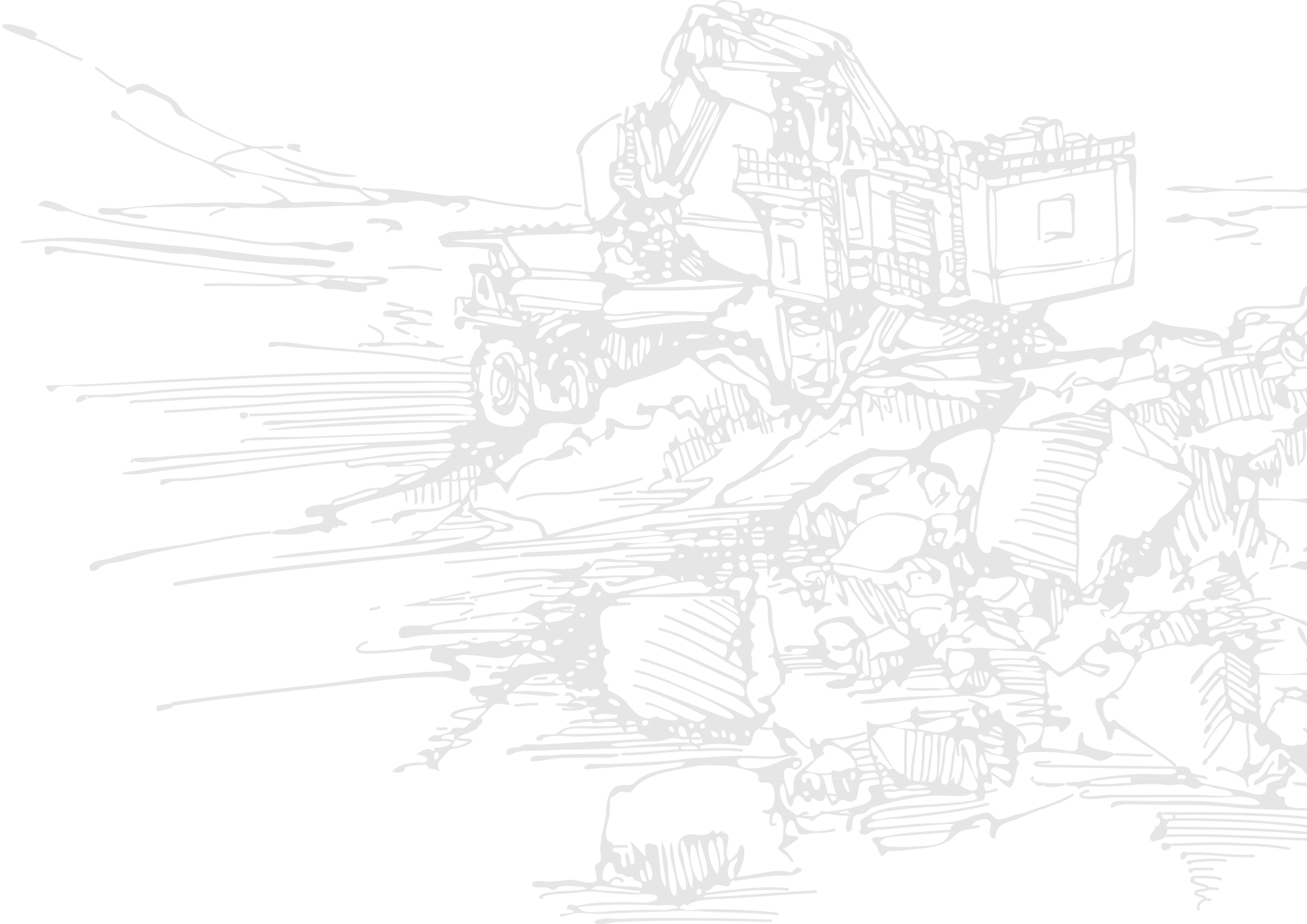
Our global network of Engineering trained technicians will assist everywhere. You need spare parts or have a technical question, just give us a call!

Product quality, attention to the environment, and continuous innovation.

#WeAreITM

Expert service

Longer life





Intertractor America Corp

Elkhorn, WI, USA
Winston-Salem, NC, USA

Service centres

Gillette, WY, USA
Dallas, TX, USA

Production facilities

Elkhorn, WI, USA

ITM Latin America Ltda

Atibaia, SP, Brazil

Service centres

Parauapebas, Parà, Brazil
Atibaia, SP, Brazil

Production facilities

Atibaia, SP, Brazil

Pyrsa Piezas y Rodajes S.A.

Monreal del Campo, Teruèl, Spain

Production facilities

Monreal del Campo, Teruèl, Spain

Titan Intertractor GmbH

Gevelsberg, Germany

Production facilities

Gevelsberg, Germany

Italtractor ITM S.p.A.

Headquarters
Valsamoggia, Bologna, Italy

Production facilities

Fanano, Modena, Italy
Ceprano, Frosinone, Italy
Potenza, Italy

ITM Africa

Woodmead, JHB, South Africa

Titan ITM (Tianjin) Co. Ltd

Tianjin, WDA, China

Production facilities

Tianjin, WDA, China

ITM Dozco Pvt Ltd

Visakhapatnam, AP, India

Production facilities

Visakhapatnam, AP, India

ITM Mining Pty Ltd

Welshpool, WA, Australia

Service centres

Yatala, QLD, Australia
Welshpool, WA, Australia

● ITM Plants & service centers

● Authorized dealers



www.group-itm.com



CT 7.2 M 01E/2023