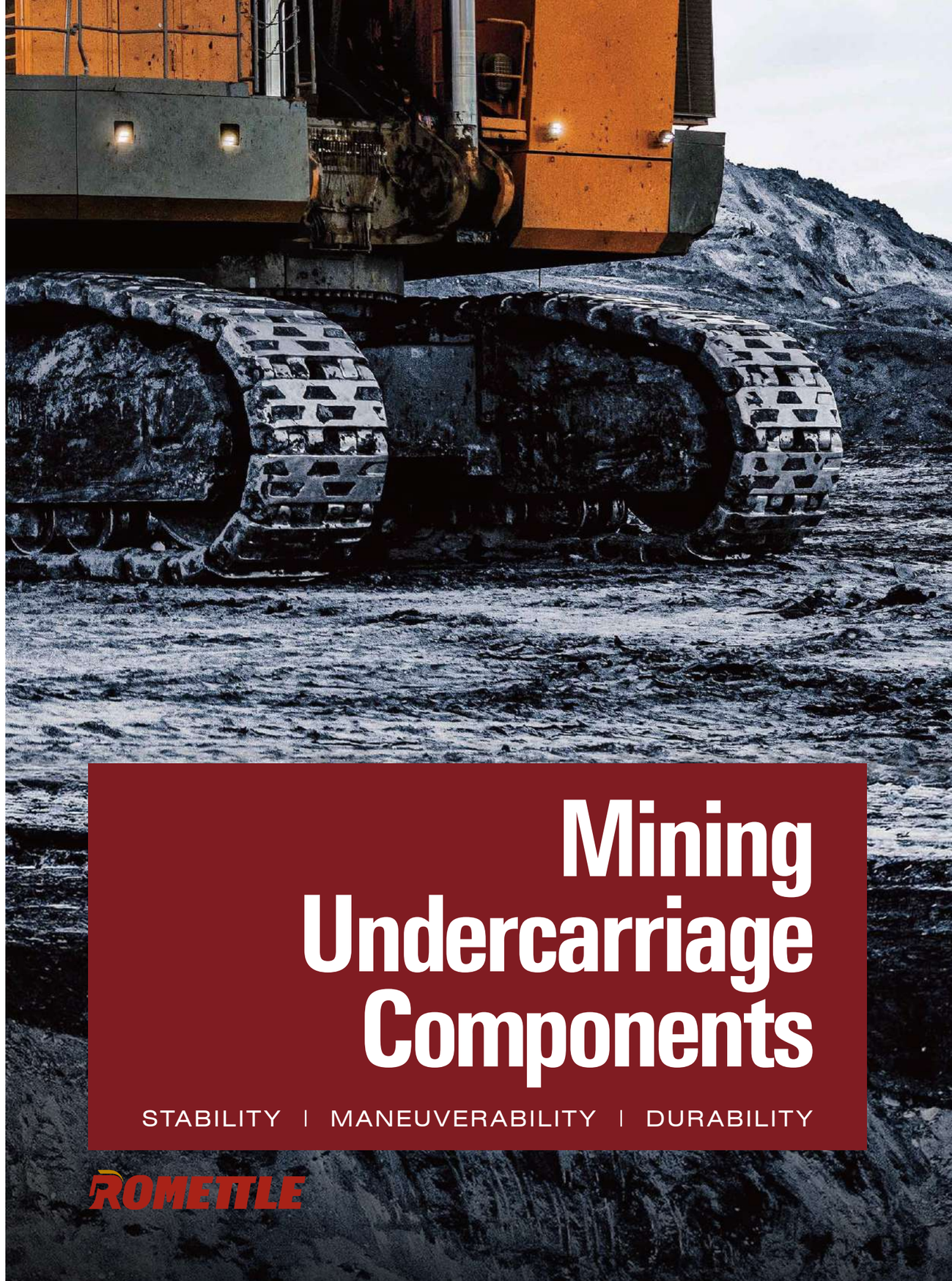
STRONG WILL IN ROLLING METAL

Contact Information

Email

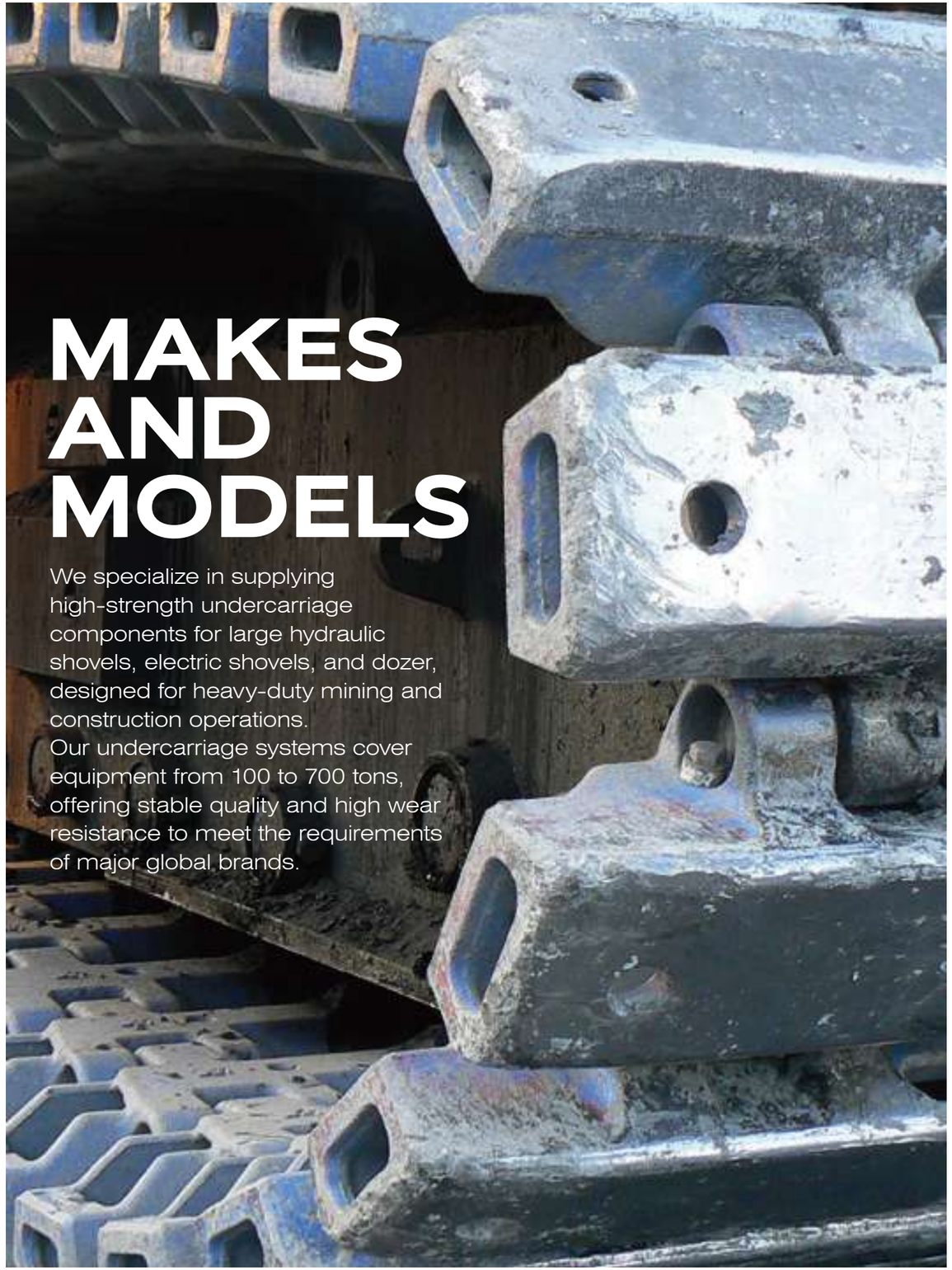
contact@romettle.com



COMPANY PROFILE

Welcome to ROMETTLE — Your Trusted Partner for Premium Undercarriage Solutions.Headquartered in Jining City, the core hub of China's construction machinery industry, ROMETTLE specializes in the design and manufacture of high-performance undercarriage components for heavy equipment.
With a team of over 490 professionals dedicated to R&D, engineering, and production excellence, we deliver reliable, durable, and precision-engineered solutions that meet the rigorous demands of global OEMs and end users.
At ROMETTLE, we are committed to enhancing efficiency, extending machine life, and providing superior service to keep your equipment performing at its best.





MAKES AND MODELS

We specialize in supplying high-strength undercarriage components for large hydraulic shovels, electric shovels, and dozer, designed for heavy-duty mining and construction operations.
Our undercarriage systems cover equipment from 100 to 700 tons, offering stable quality and high wear resistance to meet the requirements of major global brands.

Hydraulic Shovel

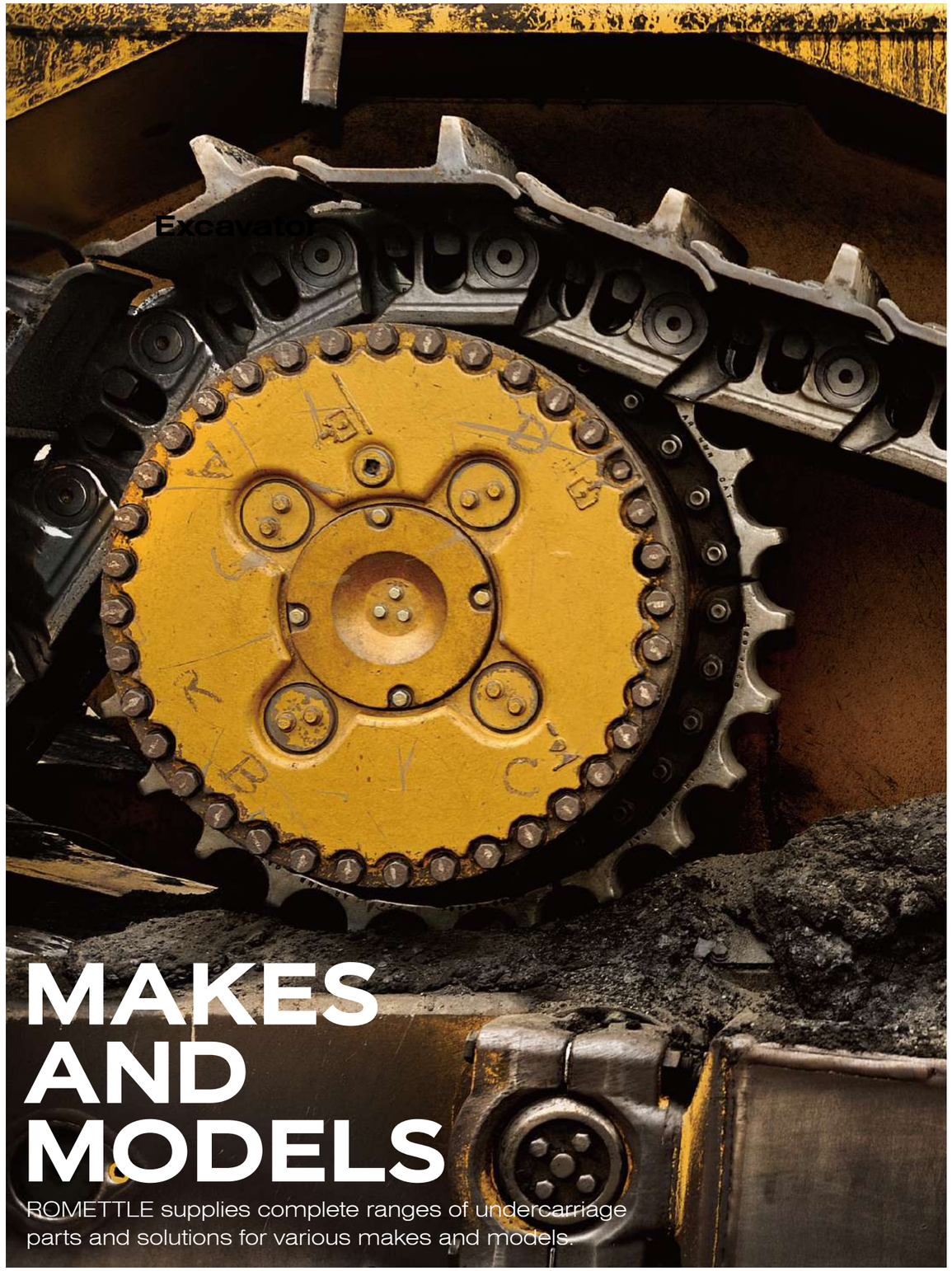
Cat / Model	Komatsu / Model	Hitachi / Model	Liebherr / Model
6030	PC3000	EX2500	R9250
6040	PC4000	EX2600	R9300
6050	PC5500	EX3600	R9350
6060	PC7000	EX5500	R9400
6090	PC8000	EX5600	R9600
		EX8000	R9800

Electric Shovel

Cat / Model	P & H / Model		
7295HR	1900XPC	4100A	
7495	2300XPC	4100XPA	
7295HD	2800XPA	4100XPB	
7295HR	2800XPB	4100C	
7295HF	2800XPC	4100XPC	
		4100BOSS	

Dozer

Cat / Model	Komatsu / Model	John Deere / Model		Shantui / Model
D8	D155	345	550	DH36
D9	D375	350	650	DH46
D10	D475	380	950	SD60
D11		450	1050	DH80
				SD90
				DEH100



Excavator

Cat / Model		Komatsu / Model	Hitachi / Model		Liebherr / Model
320	349	PC200	ZX200	ZX470	R936
325	350	PC300	ZX250	ZX500	R964
329	365	PC400	ZX270	ZX650	R966
330	375	PC500	ZX290	ZX870	R974
336	385	PC650	ZX330	ZX1000	
345	395	PC1250	ZX350	ZX1200	
		PC2000	ZX370	EX1900	

John Deere / Model		JCB / Model		Kobelco / Model	
350GLC-Heavy Duty		JS200	JS290	SK200	SK330
350GLC		JS210	JS300	SK210	SK350
135GLC	953M	JS220	JS330	SK215	SK400
650K LGP	959M	JS240	JS360	SK220	SK450
1050K	870C	JS260	JS460	SK235	SK460
470G	2154G			SK250	SK480
670P	3754G			SK260	SK485
210GLC	870P			SK270	SK600
850K				SK290	SK850
				SK300	

Dozer

Cat / Model	Komatsu / Model	John Deere / Model		Shantui / Model	
D4	D37	130	210	DH17	SD17
D5	D61	135	245	DH20	SD22
D6	D65	160	250	DH24	SD24
D7	D71	190	300		SD26
	D85	200			SD32
					SD34

Dozer



Track Shoes



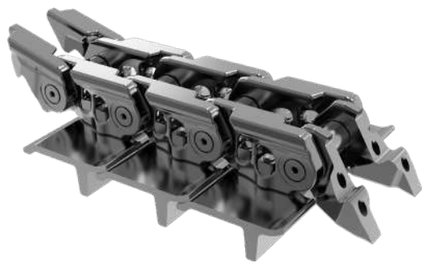
Track Links

TRACK SHOES & TRACK LINKS

Stable heat treatment for uniform hardness
High load capacity for demanding mining conditions
Extended service life with lower maintenance cost

TRACK ASSEMBLY & TRACK LINK ASSEMBLY

Advanced press-fit production line ensures assembly precision
Strong and stable structure for smooth operation



Track Assembly



Track Link Assembly

Excavator



Track Shoes



Track Links

TRACK SHOES & TRACK LINKS

High-grade steel with balanced toughness and strength
Precision heat treatment for wear resistance and crack prevention

TRACK ASSEMBLY & TRACK LINK ASSEMBLY

High wear resistance for longer service life
Reliable performance in heavy-duty mining conditions





Track Assembly

Dozer



Double Flange Track Roller



Single Flange Track Roller

TRACK ROLLERS & CARRIER ROLLERS

Strict quality control for reliable performance in extreme conditions
Deep heat treatment for enhanced wear resistance and impact strength
Advanced design for higher load-bearing capacity

Excavator



Track Rollers



Carrier Rollers

TRACK ROLLERS & CARRIER ROLLERS

Engineered design suitable for high-frequency, repetitive operations
Precision machining improves fit and extends service life
Reliable sealing keeps lubrication intact and prevents oil leakage

Dozer



SPROCKET

Surface quenching and overall heat treatment, impact & wear resistant
High-precision machining, ensures smooth gear engagement and durability



IDLER

Large cast, high load capacity
Impact & wear resistant, suitable for harsh conditions
Heat treated, corrosion resistant and stable

Excavator



SPROCKET

Precision manufacturing, stable dimensions, ensures smooth operation
Strict quality control, reliable performance for every batch



IDLER

Integral casting, stable structure
High hardness, wear resistant, long service life
Dense metal structure, impact resistant

SHOVEL









PRECISION DESIGN & DURABILITY

ROMETTLE designs undercarriage systems for electric shovels and hydraulic excavators working in extreme mining conditions. Each component is optimized through finite element analysis to ensure exceptional load capacity, stability, and fatigue resistance.

ADVANCED MATERIALS & HEAT TREATMENT

Using high-strength alloy steels and multi-stage quenching and tempering processes, our components achieve superior wear resistance and impact toughness, extending service life even under heavy-duty operation.

HIGH-ACCURACY MANUFACTURING

Equipped with CNC machining and automated assembly lines, ROMETTLE ensures precise fit, smooth motion, and consistent sealing performance across all components.

RELIABLE SEALING & LUBRICATION

Our advanced sealing systems and optimized lubrication design minimize leakage and contamination, ensuring long-term reliability with reduced maintenance.

STRICT QUALITY CONTROL

Every part undergoes comprehensive inspection and traceability, guaranteeing stable performance and long-term dependability in global mining applications.

INTELLIGENT MANUFACTURING

Romettle has established a smart manufacturing system that integrates R&D, intelligent production, quality control, and customer service. With flexible production lines covering forging, heat treatment, machining, welding, and assembly, we ensure efficient, consistent, and high-quality output of undercarriage systems.



Our factory leverages automation, digital logistics, and full-process monitoring to deliver durable and reliable components with rapid response to market demands. As a core hub of undercarriage system manufacturing, Romettle is committed to providing agile, customized solutions and driving innovation in the construction machinery industry.

Forging



Compared to casting or machining, forging results in stronger, better wear resistance, and more reliable product quality because the process aligns the grain structure of the metal and ensures a uniform composition and properties. ROMETTLE'S hot forging lines have automatic temperature control systems to ensure that the metal is heated uniformly to the appropriate temperature, which is critical for producing high-quality forged parts.

Fine machining

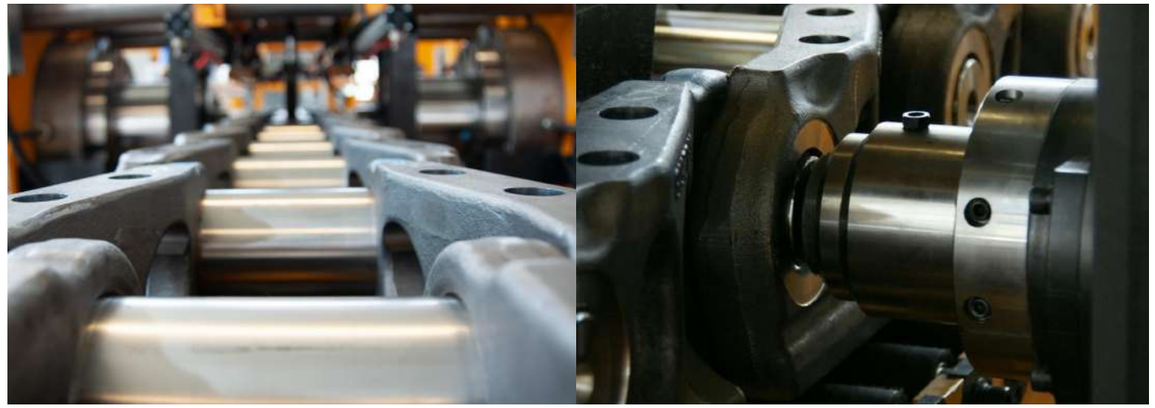
For a perfect fit and increased productivity, automated precision machining is adopted to produce highly accurate and finely detailed parts. Romettle has advanced machine tools including lathes, milling machines, drill presses, grinders, and CNC(Computer Numerical Control) machines, and skilled engineers to achieve exact specifications and high quality.



Casting



Track assy fitting line



Painting line

Romettle's coating technology uses environmentally with environmental requirements of various countries. It is equipped with an automatic rotary disc spraying production line, featuring automatic cleaning, spraying, leveling, and drying functions to ensure complete coating and uniform thickness.

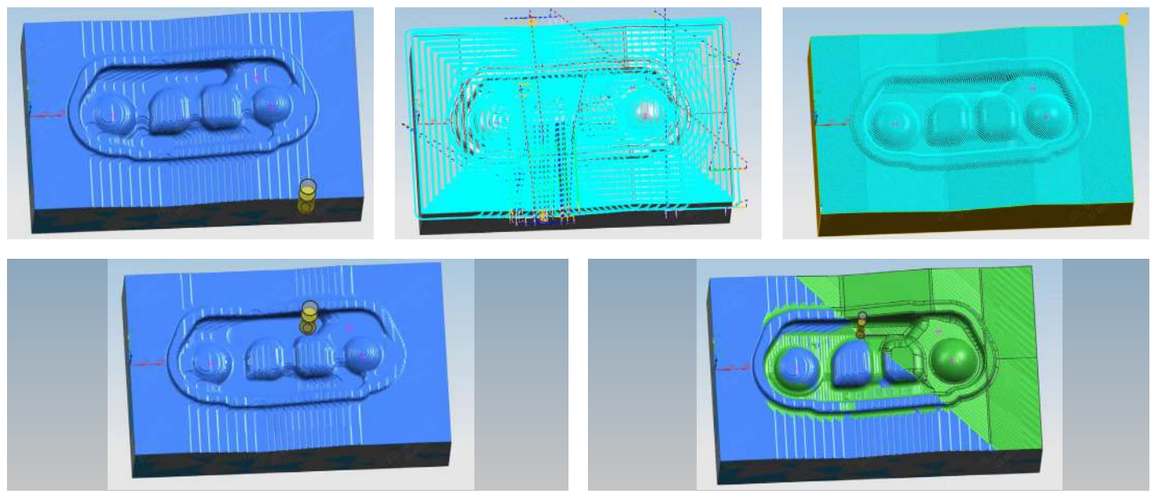


TECHNOLOGICAL STRENGTH

Romettle has established a high-level R&D team led by senior industry experts and supported by multidisciplinary postgraduate engineers. The team independently handles core technologies such as structural design, materials, forging, welding, heat treatment, assembly, and surface treatment. By leveraging advanced platforms—including digital simulation, materials and heat treatment labs, and real-condition test sites—Romettle has taken the lead in applying multi-body dynamics simulation and reliability engineering to crawler chassis systems, elevating its R&D capabilities to internationally advanced standards. Through continuous innovation, Romettle has successfully developed “four wheels and one track” assemblies with independent intellectual property rights, supporting large-tonnage excavators from 90 to 300 tons. These advancements have filled key domestic gaps in high-end undercarriage technology and reinforced Romettle’s position as a trusted partner in the global construction machinery industry.

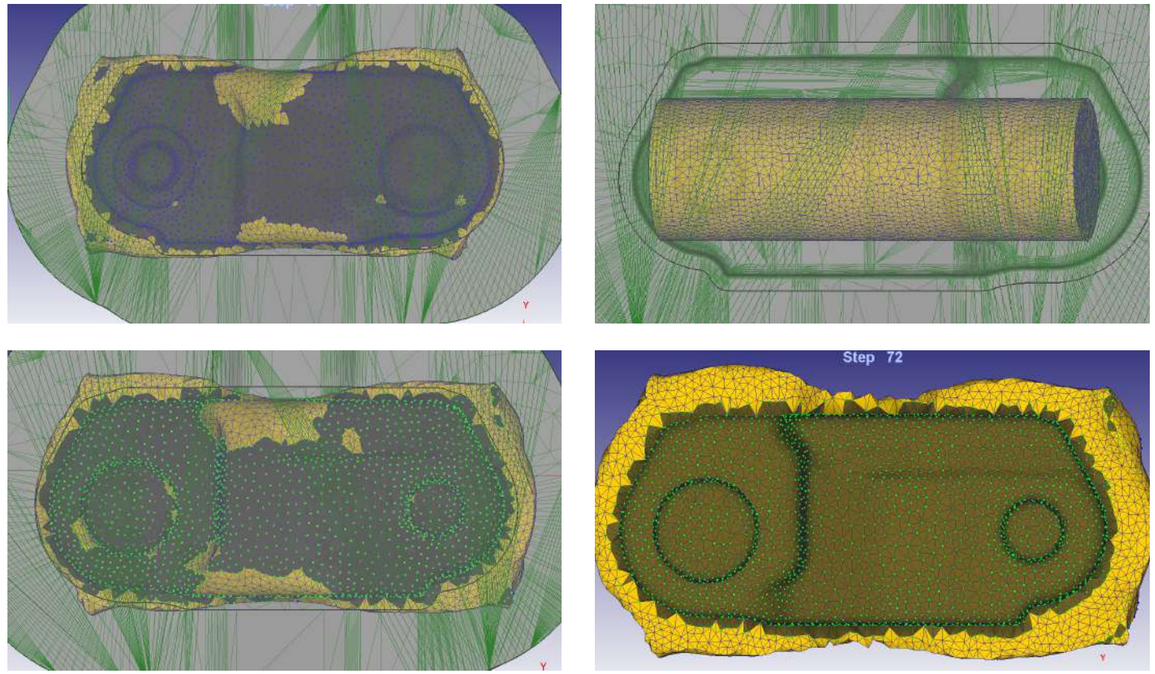
PROCESS SIMULATION

Mould processing simulation of chain link

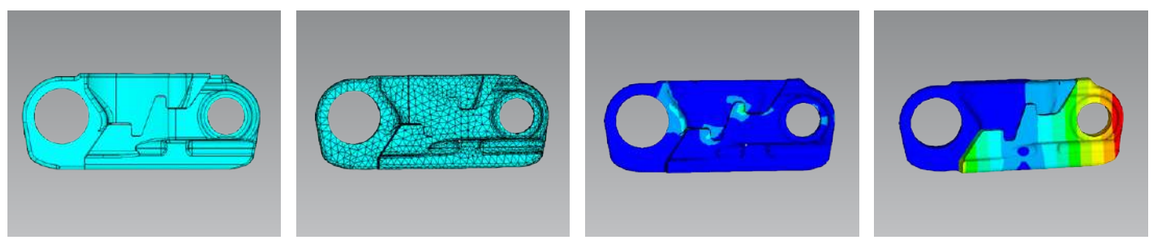


PROCESS SIMULATION

Simulation of the forging process of track link



STRESS ANALYSIS



QUALITY TESTING CENTER

Romettle adheres to a “quality-first” philosophy, establishing a standardized quality control system that covers the entire process—from raw material sourcing and manufacturing to final inspection and delivery. Through integrated quality management across design, production, inspection, and logistics, we ensure full-process control and consistent product reliability.

Tensile testing machine with flattening





Wear tester simulates wheel travel to test wear conditions

Face Pressure Tester



Equipped with advanced testing capabilities for materials analysis, mechanical performance, dimensional accuracy, and fatigue life, Romettle has built a three-level quality assurance system covering raw materials, key components, and complete assemblies. Every product reflects our craftsmanship and commitment to excellence-making Romettle a trusted global partner in undercarriage systems.



Brinell hardness tester



Impulse tester



Floating oil seal anti-wear testing machine



O-ring aging testing machine



SERVICE CENTER

Rapid Response and Transparent Service

Response within 24 hours
Round-the-clock technical support 24/7
Transparent service process with real-time repair progress updates

Professional maintenance and spare parts guarantee

Comprehensive warranty service
Professional maintenance team
Adequate spare parts inventory
Rapid replacement to solve the problem

Training and Technical Support

Operational training to ensure the correct use and maintenance
Technical upgrade support to take advantage of the latest technical advancements
Recommendations for preventing failures to prolong equipment lifespan

Customer feedback and continuous improvement

Periodic customer satisfaction surveys
Ongoing continuous improvement system to streamline the service process



GLOBAL COOPERATIVE PARTNERS

Worldwide OEM partnership with premium machinery and aftermarket brands.

ROMETTLE WORLDWIDE

Romettle has established a multinational network with subsidiary companies and warehouses located in **Canada** \ **Mexico** \ **Peru** \ **Russia** \ **Nigeria** \ **UAE** \ **Singapore** and **Indonesia**.

We provide localized sales and service worldwide, and we are dedicated to enhancing your purchasing experience.