Liebherr specialist machines
for horticultural and landscape construction
Liebherr specialist machines for horticultural and landscape construction
For machines used in horticultural and landscape construction, the bottom line is ensuring high mobility and power output under tight maneuvering conditions. Earthmoving machines are therefore ideally compact and agile and also distinguish themselves by versatile and quickly exchangeable attachments, limited load on the bearing surface as well as low-emission drive units. The compact machines of the Liebherr range of earthmoving machinery are perfect for such special uses.

**Hydraulic excavators**

**Wheel Loaders**

**Crawler tractors and Crawler loaders**

**Telescopic handlers**
Hydraulic excavators
Performance
With a perfect mix of power and precision, Liebherr hydraulic excavators deliver excellent performance for garden and landscape work. The extremely sensitive, powerful hydraulic system forms the core of the machine for a range of uses. The balanced machine structure ensures that the machine delivers excellent visibility, manoeuvrability and maximum stability. The machine can be tailored precisely to your requirements using our wide range of machine configurations and attachment tools with our quick change system.

Reliability
Liebherr is the ideal manufacturing partner of complete system solutions due to its high production depth. Key components such as the diesel engine, electronic components, slewing ring, slewing drive and hydraulic cylinders are developed and manufactured in-house. That enables us to guarantee top quality and reliability and the perfect coordination of the components between each other.

Comfort
The spacious Liebherr cab offers plenty of room and ensures superb all-round visibility thanks to large window areas and narrow bars. All gear levers and control panels are located within reach and fit perfectly into the ergonomic concept behind the operator’s cab. Simple controls using the touchscreen enable various machine settings to be completed with ease. The automatic air conditioning system delivers a pleasant exchange of air to enable the operator to maintain concentration even during lengthy working days.

Economy
The newly developed Liebherr 4-cylinder engines satisfy emissions stage IV/Tier 4f to protect our environment from harmful fumes. Liebherr uses an innovative SCR method to achieve this. Furthermore, our engines deliver high power with reduced fuel consumption. The efficient in-line engines develop their power using high torque at low engine speeds, thus using their engine speed range perfectly.

Maintainability
The service-based machine design guarantees short servicing times, thus minimising maintenance costs due to the time it saves. The working time required has been reduced thanks to the large service doors with a wide opening angle. All the daily maintenance points are easily accessible from the ground.
Overview of hydraulic excavators

Innovative machine concept for maximum power and precision
- Powerful, robust construction machinery engines for continuous use at full load
- Perfectly coordinated hydraulic system delivers extraordinarily sensitive machine control

Top class cab for enhanced working quality
- Spacious cab for lengthy working days
- Excellent visibility through large windows
- Skyview360° camera system for easy monitoring of the danger zones
- Operator’s seat with extensive features
- Large touchscreen with intuitive menu control
- Automatic Air Conditioning
- Sliding two-piece Windscreen

Easy maintenance, qualified service, fast response times
- Service-based machine structure guarantees short maintenance times
- Fully automatic central lubrication system for uppcarriage, slewing ring and attachments
- LIDAT – Liebherr data transfer system ensures efficient management and control of the entire fleet
- Competent advice for all requirements: application-oriented sales support, service agreements, cost effective repair alternatives, etc.
- 24-hour delivery
**Maximum flexibility and efficiency**
- Extended possible uses due to short rear swivel radius
- All-wheel steering or crab steering increases manoeuvrability
- Swivelling adjustable boom for flexible use
- Fully automatic LIKUFIX quick change system
- Large selection of different attachment tools and careful and precise coordination of bucket shape and tooth design for the required application

**Strong undercarriage concept for greater stability and robustness**
- Excellent weight distribution for superb stability, greater lifting power and a high level of operator comfort
- Travel drive integrated in robust undercarriage
- Oscillating axle for stability in all positions
- Divided blade to align the excavator on uneven terrain
- Prop-up grading blade requires no maintenance
- Piston rod guard for support cylinder
### Examples of Use and Technical Data

<table>
<thead>
<tr>
<th></th>
<th>A 910 Compact Litronic</th>
<th>A 912 Compact Litronic</th>
<th>R 914 Compact Litronic</th>
<th>A 914 Compact Litronic</th>
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<td>kW / HP</td>
<td>kW / HP</td>
<td>kW / HP</td>
<td>kW / HP</td>
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<tr>
<td></td>
<td>85 / 116</td>
<td>90 / 122</td>
<td>90 / 122</td>
<td>105 / 143</td>
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<td>t</td>
<td>t</td>
<td>t</td>
<td>t</td>
</tr>
<tr>
<td></td>
<td>11.8 – 12.8</td>
<td>12.7 – 13.9</td>
<td>14.9 – 17.4</td>
<td>15.2 – 17.5</td>
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<td><strong>Bucket Capacity</strong></td>
<td>m³</td>
<td>m³</td>
<td>m³</td>
<td>m³</td>
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<td>0.32 – 0.80</td>
<td>0.17 – 0.87</td>
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<td><strong>Grapple capacity</strong></td>
<td>m³</td>
<td>m³</td>
<td>m³</td>
<td>m³</td>
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<tr>
<td></td>
<td>0.10 – 0.27</td>
<td>0.10 – 0.27</td>
<td>0.17 – 0.40</td>
<td>0.17 – 0.80</td>
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<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
</tr>
<tr>
<td></td>
<td>1,600</td>
<td>1,675</td>
<td>1,550</td>
<td>1,750</td>
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<table>
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<th>R 920 Compact Litronic</th>
<th>A 914 Litronic</th>
<th>A 916 Litronic</th>
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<td>kW / HP</td>
<td>kW / HP</td>
<td>kW / HP</td>
<td>kW / HP</td>
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<td></td>
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<td>110 / 150</td>
<td>105 / 143</td>
<td>115 / 156</td>
<td>120 / 163</td>
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<tr>
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<td>t</td>
<td>t</td>
<td>t</td>
<td>t</td>
</tr>
<tr>
<td></td>
<td>17.5 – 19.6</td>
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<td>14.9 – 17.2</td>
<td>16.4 – 18.4</td>
<td>19.5 – 22.6</td>
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<td><strong>Bucket Capacity</strong></td>
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<td>m³</td>
<td>m³</td>
<td>m³</td>
<td>m³</td>
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<td>0.17 – 0.87</td>
<td>0.17 – 1.05</td>
<td>0.55 – 1.15</td>
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<tr>
<td><strong>Grapple capacity</strong></td>
<td>m³</td>
<td>m³</td>
<td>m³</td>
<td>m³</td>
<td>m³</td>
</tr>
<tr>
<td></td>
<td>0.17 – 0.80</td>
<td>0.17 – 0.40</td>
<td>0.17 – 0.80</td>
<td>0.17 – 0.80</td>
<td>0.17 – 0.80</td>
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<tr>
<td><strong>Tail radius</strong></td>
<td>mm</td>
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<td>mm</td>
<td>mm</td>
<td>mm</td>
</tr>
<tr>
<td></td>
<td>1,850</td>
<td>1,550</td>
<td>-</td>
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</tbody>
</table>

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Liebherr specialist machines for horticultural and landscape construction
Wheel Loaders
Performance
The high-performance Liebherr wheel loaders L 506 Compact – L 518 Stereo impress in horticultural and landscape construction due to their versatile and all-purpose use. The unique steering system of the Stereoloaders and the compact design of the Compact Loaders make the wheel loaders extremely agile and versatile. This ensures maximum manoeuvrability and, at the same time, maximum stability in all site situations even in confined spaces. This guarantees precise and safe working and improved efficiency.

Economy
The compact design and low operating weight of the Compact Loaders and Stereoloaders guarantee the safe transportation of high payloads and thus an excellent handling capacity. Thanks to their broad range of quick interchangeable attachments, the machines can be optimally configured for operations in horticultural and landscape construction. The hydraulic quick hitch allows quick and efficient attachment changeover. This widens the machine’s areas of use and therefore increases its productivity.

Reliability
The use of ideally matched components and the stable machine design make the machines especially efficient and guarantee a long life. Reliable operations are possible in even the toughest conditions. The customer therefore has the machine power available when it is urgently required.

Comfort
The extremely comfortable cab allows the operator to concentrate on accurate operation without fatigue, which once again means more efficiency and productivity. Well laid out and ergonomically arranged controls guarantee simple handling. The Liebherr control lever allows precise and sensitive control of the machine. The generous glass surfaces of the cab offer exceptional all-round visibility. Moreover, the design of the engine hood which has been optimised for viewing as well as the optional rear area monitoring camera for L 514 Stereo and L 518 Stereo ensure ideal visibility. The oscillating centre pivot compensates for unevenness on the ground and provides excellent stability and maximum ride comfort. Even in constricted spaces, maximum safety for people, the machine and the load is guaranteed, while at the same time increasing productivity.

Maintainability
The most important points for daily maintenance can be reached safely and conveniently from the ground. The entire engine compartment is accessible via just one enclosure. Quick and safe checks save time and money.
Wheel Loaders L 506 Compact – L 508 Compact Overview

Maximum Operator Comfort for Greater Productivity
- Automatic central lubrication system (optional)
- Liebherr control lever
- Air conditioning system (optional)
- Oscillating centre pivot
- Ride control (optional)
- Broad access ladder with anti-slip steps

Highest Level of Performance
- Z-bar linkage with parallel guidance in fork mode
- Hydraulic quick hitch
- 3rd hydraulic control circuit (optional)
- Comprehensive range of special equipment for horticultural and landscape construction (optional)

Short Service Times for Greater Productivity
- LiDAT – Liebherr Data Transfer System (optional)
**Productive and Safe Working**
- Roomy, soundproof ROPS/FOPS cab
- Generous glass surfaces of the operator’s cab
- Additional working lights, front/rear (optional)
- Back-up alarm acoustical (optional)

**Robustness and Quality for Durable Machines**
- Water-cooled diesel engine
- Special tyres for horticultural and landscape construction (optional)

**Highest Level of Performance**
- Compact and low design
- Clearance height below 2.5 meters
- Mounting panel at rear, for equipment with 3-point attachment (optional)
- Trailer coupling (optional)
Wheel Loaders L 507 Stereo – L 518 Stereo Overview

**Maximum Operator Comfort for Greater Productivity**
- Automatic central lubrication system (optional)
- Liebherr control lever moving with operator’s seat
- Air conditioning system (optional)
- Oscillating centre pivot with damping elements
- Stereo steering
- Ride control (optional)
- Broad access ladder with anti-slip steps and sturdy handrails

**Highest Level of Performance**
- Powerful Z-bar linkage with optimised parallel guidance in fork mode
- Hydraulic quick hitch (L 507 – L 509 standard / L 514 – L 518 optional)
- 3rd and 4th electro-hydraulic, proportional control circuit (optional)
- High-Flow hydraulic (L 507 – L 509 optional)
- Speeder version (L 507 – L 509 optional)
- Comprehensive range of special equipment for horticultural and landscape construction (optional)
Productive and Safe Working
- Roomy, soundproof ROPS/FOPS cab
- Generous glass surfaces of the operator’s cab
- 180° fold-out window right
- Additional working lights, front / rear (optional)
- Back-up alarm acoustical (optional)

Short Service Times for Greater Productivity
- LiDAT – Liebherr Data Transfer System (optional)
- Radiator easy to maintain and controlled cooling
- Fluff trap for radiator (optional)
- Reversible fan drive (optional)
- Air pre-cleaner (optional)

Highest Level of Performance
- Mounting panel at rear, for equipment with 3-point attachment (optional)
- Trailer coupling (optional)

Robustness and Quality for Durable Machines
- Water-cooled diesel engine and controlled cooling
- Special tyres for horticultural and landscape construction (optional)
### Examples of Use and Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>L 506 Compact</th>
<th>L 507 Stereo</th>
<th>L 508 Compact</th>
</tr>
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<tbody>
<tr>
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<td>kg</td>
<td>m³</td>
<td>kg</td>
</tr>
<tr>
<td></td>
<td>3,100 – 3,450</td>
<td>0.7 – 0.8</td>
<td>3,240 – 3,750</td>
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<td>Bucket capacity</td>
<td>m³</td>
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<td>0.9 – 1.0</td>
</tr>
<tr>
<td></td>
<td>5,180 – 5,490</td>
<td>0.8 – 1.6</td>
<td>5,550 – 5,835</td>
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<td>kW / HP</td>
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<td>5,600 – 5,856</td>
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<tr>
<td>Emission stage</td>
<td>Stage</td>
<td>IIIB</td>
<td>IIIB</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>L 509 Stereo</th>
<th>L 514 Stereo</th>
<th>L 518 Stereo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tipping load</td>
<td>kg</td>
<td>m³</td>
</tr>
<tr>
<td></td>
<td>3,885 – 4,430</td>
<td>1.0 – 2.0</td>
</tr>
<tr>
<td>Bucket capacity</td>
<td>m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6,390 – 6,660</td>
<td>1.5 – 4.0</td>
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<tr>
<td>Engine output (ISO 14396)</td>
<td>kW / HP</td>
<td></td>
</tr>
<tr>
<td>Emission stage</td>
<td>Stage</td>
<td>III B</td>
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Crawler Tractors and Crawler Loaders
Performance
The hydrostatic drive on Liebherr’s crawler loaders always applies full power to both chains with no interruptions. That gives the machines traction on any surface and on any gradient as well as maximum manoeuvrability, even turning at a standstill. Both the travel drive and the bucket or blade can be controlled sensitively using the joystick. That enables 2D and 3D machine controllers on Liebherr crawler loaders to use their full potential. Preparations for laser and GPS controls from all conventional suppliers give the user full flexibility in the choice of system.

Reliability
Developed for the very harshest conditions, Liebherr diesel engines deliver maximum reliability and service life with their robust design and low rated speed. The main and roller frames have a time-tested box design. This delivers high rigidity and excellent absorption of the forces. Components exposed to particularly high stresses are made of cast steel.

Comfort
The generously sized cab provides an ideal environment for relaxed, safe, productive working. All the instruments and control elements have a clear, ergonomic design and are within easy reach. A clear view of the equipment and perfect all-round visibility enable the operator to concentrate on his work at all times. With a series of individual settings, he can tailor the machines perfectly to how he works. Thanks to the effective insulation and the modern, quiet diesel engine, the sound values in Liebherr crawler loaders are well below the statutory specifications. The pressurised cab keeps the operator’s workplace free of dust from the environment.

Economy
The Liebherr LR 626 and LR 636 crawler loaders are universal machines for garden and landscape work. Fitted with a standard or 4-in-1 bottom dump bucket, they can be used to loosen, clear, excavate, grade and load soil as well as for pushing and grading. The load-independent flow distribution of generation 6 allows even more harmonious simultaneous movements of the front equipment, thus reducing the time required for work cycles. Particularly on soil with a low load capacity, crawler loaders achieve very high handling capacities with minimum ground pressure. For producing precise grading or modelling three-dimensional surfaces, crawler loaders can install material particularly quickly, with centimetre precision and therefore at low cost. The extra long undercarriages and the perfectly coordinated centre of gravity deliver outstanding grading properties. That makes the Liebherr PR 716 and PR 726 crawler loaders the ideal machines for the construction of sports and leisure facilities. The new standard eco mode for lightweight and medium jobs enables the fuel consumption of both machine models to be reduced even further.

Maintainability
All the points which the operator inspects during his daily routine checks are located on one side of the engine with easy access. The standard hydraulic tipping cab also provides easy access to the components. This means that service work can be completed quickly and efficiently. Competent advice is a matter of course at Liebherr. Experienced expert staff can provide decision-making tools to suit your specific requirements – practical sales advice, service agreements, low-cost repair alternatives, genuine part management as well as remote data transfer for job planning and fleet management.

<table>
<thead>
<tr>
<th></th>
<th>LR 626 Litronic</th>
<th>LR 636 Litronic</th>
<th>PR 716 Litronic</th>
<th>PR 726 Litronic</th>
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<tbody>
<tr>
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<td>93/126</td>
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<td>21.1–22.7</td>
<td>13.3–15.8</td>
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<tr>
<td>Bucket capacity, Blade capacity</td>
<td>m</td>
<td>1.50–1.80</td>
<td>1.90–2.40</td>
<td>2.75–3.11</td>
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</tbody>
</table>
Telescopic Handlers
Performance
The tried-and-tested hydrostatic travel drive with infinitely variable acceleration without shifting gear and good manoeuvrability guarantees quick work processes even in limited spaces. The construction machine can be used universally and is solid from the ground up. It is designed for maximum performance in various applications. High load capacities, intuitive operation and high performance components allow the driver to complete his work quickly and reliably.

Reliability
Robust and reliable: as characterised by Liebherr telescopic handlers. Advanced technology with high-quality materials and build quality guarantee maximum availability. A high level of utilisation and value is guaranteed in the long term.

Comfort
The cab of the telescopic handler from Liebherr is an ideal workplace. It provides an excellent all-around view, has a spacious interior, provides a safe working environment, and its ergonomic controls are ideal for relaxed and productive operation.

Economy
The Liebherr telescopic handlers are all-rounders that will complement your existing machine fleet and further increase it’s efficiency. Many different optional attachments allow universal use and increased utilisation of the machines. Top performance, low fuel consumption and minimum maintenance guarantee economy throughout the service life of the machine.

Maintainability
At Liebherr, superior service is more than a promise, it is a guarantee to every customer. Several production facilities and an extensive service network for construction equipment means close proximity, efficient structures, and fast service reaction times.

### T 35-6 or T 35-6s
- **Emission stage**: Stage
- **Engine output**: kW/HP: 100/136*  
- **Max. lift capacity**: kg: 3,500  
- **Max. lift height**: m: 6.13  
- **Operating Weight**: kg: 7,320

### T 32-7 or T 32-7s
- **Emission stage**: Stage
- **Engine output**: kW/HP: 100/136*  
- **Max. lift capacity**: kg: 3,200  
- **Max. lift height**: m: 6.93  
- **Operating Weight**: kg: 7,280

### T 36-7 or T 36-7s
- **Emission stage**: Stage
- **Engine output**: kW/HP: 100/136*  
- **Max. lift capacity**: kg: 3,600  
- **Max. lift height**: m: 6.93  
- **Operating Weight**: kg: 7,310

### T 41-7 or T 41-7s
- **Emission stage**: Stage
- **Engine output**: kW/HP: 100/136*  
- **Max. lift capacity**: kg: 4,100  
- **Max. lift height**: m: 6.93  
- **Operating Weight**: kg: 7,460

### T 33-10 or T 33-10s
- **Emission stage**: Stage
- **Engine output**: kW/HP: 100/136*  
- **Max. lift capacity**: kg: 3,300  
- **Max. lift height**: m: 9.75  
- **Operating Weight**: kg: 8,050

* Standard for s-models
Telescopic Handlers Overview

Adapted attachment tools and quick change systems for maximum productivity
- Four different quick change systems are available to choose from
- Extensive range of attachment tools

Powerful hydraulic system and wide range of options
- The telescopic loaders feature a load sensing pump with a LUDV control block. This not only means significantly faster work cycles, but also simultaneous movements.
- A hydraulic working circuit is fitted as standard on all models
- An additional working circuit, including socket, is available as an option
- A high flow line is also available for tools with a very high oil requirement.
- Automatic reversible fan for blowing out the radiator/engine compartment automatically
- Radiator guard with fine mesh great to prevent the penetration of fine wood chips into the radiator chamber
Comfort and good visibility are essential for a telescopic loader

- The multi-adjustable, suspended operator’s seat with backrest extension can be adjusted to suit the individual driver.
- The steering column swivels by foot release as standard into the appropriate position. It can also be adjusted in height as an option.
- The innovative safety design of the roof window provides a perfect view of the load whilst also providing safety for the operator.
- The display unit is at the front right, perfectly in the operator’s field of vision.

Infinitely variable travel drive and excellent manoeuvrability

- The infinite variation of the speed means the vehicle can be driven without changing gear – absolutely smoothly.
- The engine speed and maximum travel speed can be adjusted with ease using the optional manual control package.
Safe partnership thanks to powerful service
Reliable perspectives for success
With every Liebherr machine, the customer not only chooses a durable premium product, but also a solid, long-term partnership. As a powerful, independent group of companies, Liebherr has been guaranteeing its customers reliable perspectives for success for more than 60 years – and will continue to do so in the future.

At Liebherr, premium service is not just a promise – it is a guarantee to every customer. For Liebherr is able to draw on the competence of its manufacturing plants and with its service partners offers an extensive service network. That guarantees short distances and fast support when service is needed.

High-performance service on a solid basis

Knowledge secures value

All from one source
Liebherr offers original parts, LiDAT, MyLiebherr and competent support by its service partners for maximum convenience. A comprehensive range of parts is available on demand. Access within seconds and maximum availability allow the fastest possible delivery to the place of use.

High service standards with optimum availability
Every minute counts when it comes to the economy of a machine. The original parts service from Liebherr is therefore available around the clock for our customers. Even at weekends and on public holidays. Together with the regional service partners, the central warehouse ensures fast and uninterrupted availability (98%).

State-of-the-art methods and attachments
Special diagnosis technology and modern repair methods enable our service technicians to work precisely, thoroughly and efficiently.

High service quality thanks to experience and ongoing training
Comprehensive know-how guarantees the first-class performance in all service and repair operations. That makes a decisive contribution to the availability and profitability of the machine. Liebherr service technicians are regularly given advanced training. They enjoy extensive knowledge for the fast and reliable completion of service work with modern attachments.

Partnership-based dialogue with the user
Liebherr uses both the expertise of its own technicians and the practical experience of its customers to systematically optimise its machines and services – from practice for practice.

Competent consultation and services
Competent consultation is a matter of course of Liebherr. Experienced experts support the decision-making process for specific requirements: application-orientated sales consultation, customized service agreements, economically priced repair alternatives, Liebherr original parts management and remote diagnosis for fault analysis.
Notes
Wide Product Range
The Liebherr Group is one of the largest construction equipment manufacturers in the world. Liebherr’s high-value products and services enjoy a high reputation in many other fields. The wide range includes domestic appliances, aerospace and transportation systems, machine tools and maritime cranes.

Exceptional Customer Benefit
Every product line provides a complete range of models in many different versions. With both their technical excellence and acknowledged quality, Liebherr products offer a maximum of customer benefits in practical applications.

State-of-the-art Technology
To provide consistent, top quality products, Liebherr attaches great importance to each product area, its components and core technologies. Important modules and components are developed and manufactured in-house, for instance the entire drive and control technology for construction equipment.

Worldwide and Independent
Hans Liebherr founded the Liebherr family company in 1949. Since then, the family business has steadily grown to a group of more than 130 companies with nearly 44,000 employees located on all continents. The corporate headquarters of the Group is Liebherr-International AG in Bulle, Switzerland. The Liebherr family is the sole owner of the company.

www.liebherr.com