

Crawler tractor

PR 736 G8

Litronic®

Operating Weight

21.200 – 25.500 kg

Engine Output

160 kW / 217 HP

Stage V / Tier 4f



LIEBHERR

News

Low emissions according to latest statutory regulations

- Powerful Liebherr EVO generation engine with increased nominal output
- Exhaust after-treatment system for EU Stage V with SCR Filter
- Proven components result in great endurance with min. maintenance
- The hydrostatic drive system with active performance adjustment guarantees optimal pushing power in challenging situations

Improved performance thanks to Operator Assistance Systems

- **Free Grade & Definition Grade** automatic blade stabilization as standard (see following pages)
- **3D Grade** grading system ready from the factory and ready kits from major system manufacturers optional (see following pages)
- These assistance systems support the operator with working efficiently and generating clean grades quickly

New 6 way blade for increased productivity and time savings when transporting the machine

- The wider 6-way blades increase pushing volume and grade a wider track with every cycle
- Their folding corners with locking pin allow for quick conversion for transport
- Optimised power intake via central ball pivots, especially for tough jobs
- Mechanics, kinematics and electronics create the perfect prerequisites for excellent grading results





Optimum operator comfort for effortless work in the new cabin

- The ergonomic joysticks, rigid rear ripper joystick and suspended inching pedal can be adjusted to every body size
- The intuitive, larger touch display is intuitive in its operation and wows with even more functions
- The self-regulating climate control system allows for a pleasant cabin climate, no matter the outside temperatures
- Improved safety thanks to additional LED lighting when mounting or descending from the operator cabin

Improved cabin noise insulation

- Hydro-elastic bearings reduce the transfer of structure-born noise from the base machine into the cabin
- When in operation, the rigid connection with the base machine via the cabin-tilting pivot points (for maintenance purposes) is decoupled
- Noise optimised components of the drive train and noise absorption measures reduce irritating frequencies

Tailored to the operator thanks to electronically controlled work hydraulics

- The responsiveness of the front and rear equipment can be tailored individually to the operator, maximising operating comfort
- New functions: Blade shake feature & lifting the ripper in parking position

Assistance Systems



The intuitive 9-inch touch display

- All essential machine parameters at a glance
- Many operator-specific adjustments:
 - Responsiveness of work hydraulics
 - Responsiveness of drive hydraulics
 - Eco mode, automatic idle and engine shut-off
- Operating platform of the Liebherr Operator Assistance Systems:
 - Liebherr Indicate: Real-time 3D position display
 - Free Grade: Active fine grading support
 - Definition Grade: Creating defined 2D surfaces

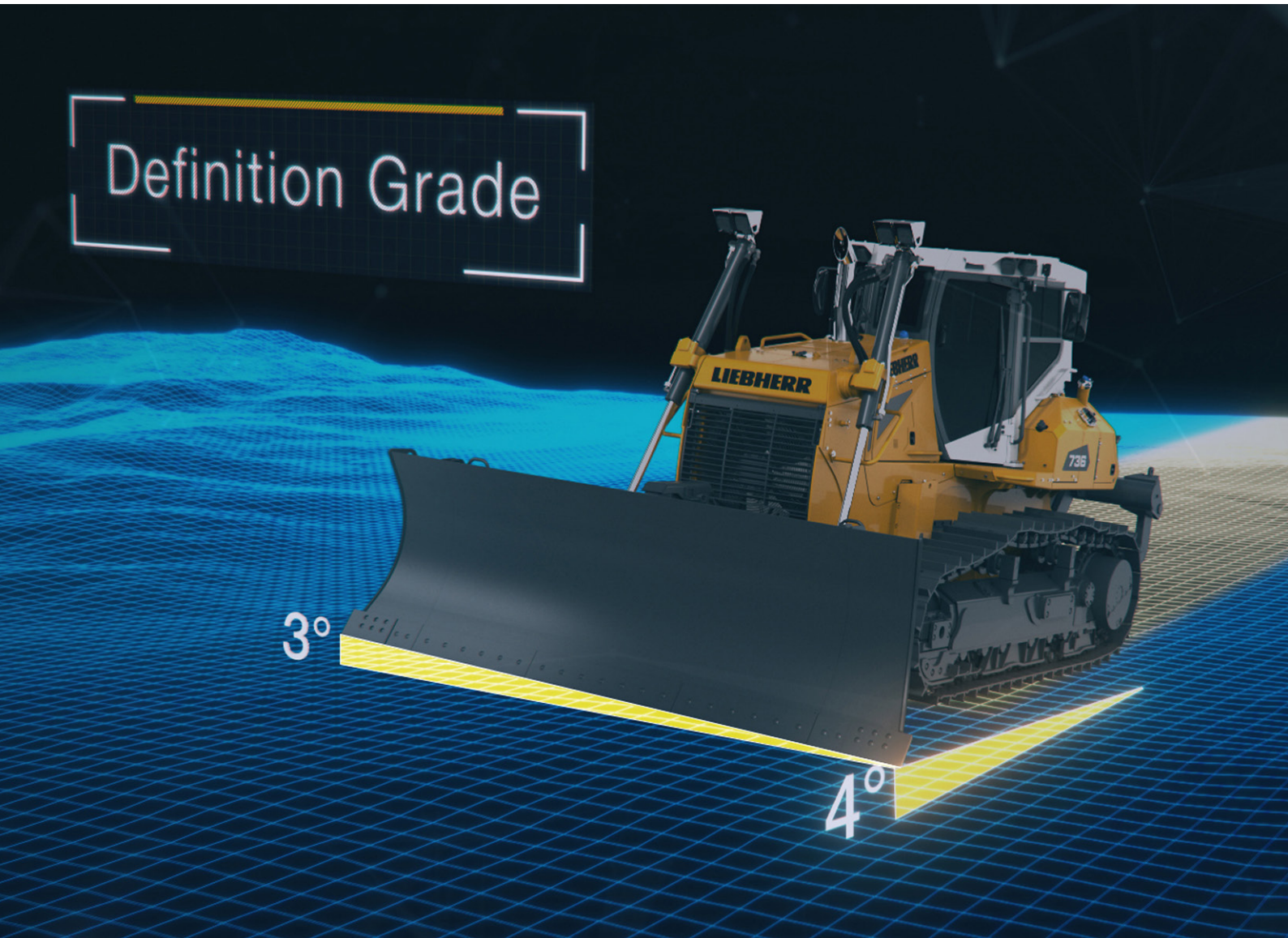
Free Grade



Free Grade – blade stabilization

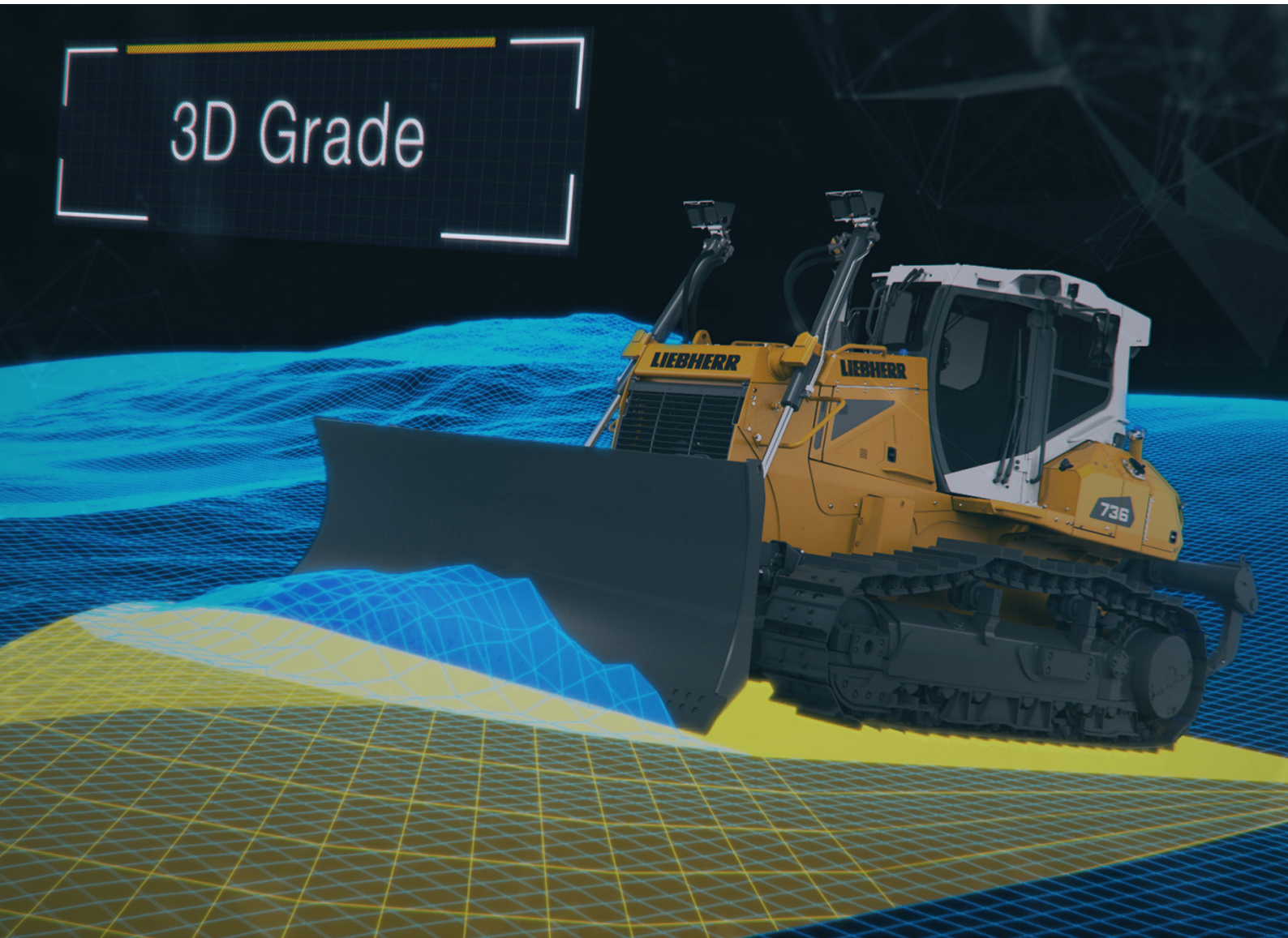
- Modeling of diverse planes: flat surfaces, ramps, dams
- Active blade stabilization (longitudinal/transverse tilt) while fine grading
- High-ranking augmentation of productivity while saving time
- Increased grading quality for inexperienced drivers – comfortable relief for professionals
- More on-site safety due to more attention to what's going on around the machine

Assistance Systems



Definition Grade – 2D grade control

- Basic modelling of 2D surfaces
- Automatic / active position control of the blade to a specified target angle
- Operation without additional equipment, such as GNSS receiver, base station etc.
- Cost savings (no additional equipment / hardware required)
- High-ranking augmentation of productivity while saving time)
- Increased grading quality for inexperienced drivers
- Comfortable relief for professionals
- More on-site safety due to more attention to what's going on around the machine



3D Grade – roof mounted grading-system ex works (Topcon)

- Modelling of complex 3D terrain models
- Automated 6-axis blade control
- Exact positioning of the blade against a target profile (terrain model)
- Anti-theft, no assembly / dismantling of the masts, factory-installed, smart / intelligent
- Full integration in construction site 4.0

The Liebherr Group of Companies



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.

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