
Opening up New Horizons

PR 716 G8 - PR 726 G8 - PR 736 G8

LIEBHERR

Crawler dozers



Precision and speed³

Generation 8



Liebherr Operator Assistance Systems



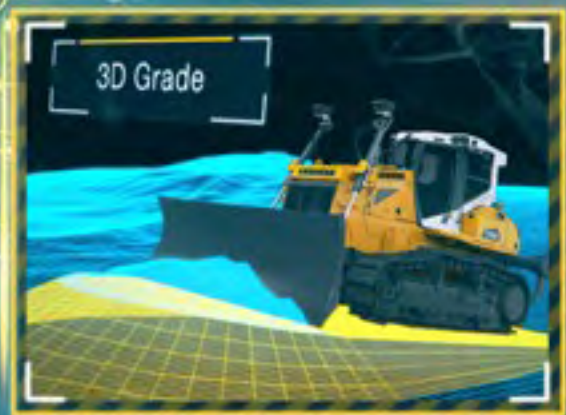
Set your creativity free.

Active Blade Stabilisation for free grading.



Define your own standards.

Active Blade Positioning, position display and control.
For levelling ground with specified longitudinal grade and cross slope.



Precision in every dimension.

Roof mounted TOPCON as an option
3D machine control ex-works.
For creating complex 3D site models.

Performance

When you have big plans:
You need to hit the ground running.

Profitability

The best investment for cost effective
construction.

Reliability

You can rely 100% on your
equipment.

Comfort

Liebherr Silent Design:
Keeps your eye on the job in hand.

Service

On-site for you:
Our worldwide service network.

The driver's dozer

Moving the earth. Shaping horizons.





PR 716 G8 Litronic

Operating weight
13,300 – 15,800 kg
Engine rating
97 kW / 132 PS
Stage V / Tier 4f
Blade capacity
2.92 – 3.3 m³

PR 726 G8 Litronic

Operating weight
17,500 – 20,800 kg
Engine rating
125 kW / 170 PS
Stage V / Tier 4f
Blade capacity
3.33 – 3.87 m³

PR 736 G8 Litronic

Operating weight
21,200 – 25,500 kg
Engine rating
160 kW / 217 PS
Stage V / Tier 4f
Blade capacity
4.1 – 5.57 m³

Performance



When you have big plans: you need to hit the ground running.

As a driver you demand: Full power on-call at all times – even with varying weather conditions and grades of material. Whether in heavy dozing or in precise levelling: The new Generation 8 keeps you “in the fast lane”. The hydrostatic drive always delivers the optimum pushing speed. The Operator Assistance Systems guarantee maximum grading quality and efficiency.

Your multifunctional tool.

Your crawler dozer.

Your goal: Ideal performance with every operating step.

For productive use, every operating step you make demands the ideal combination of speed and traction. The Liebherr crawler dozer, lets you choose the highest possible speed for your operating conditions and directly call up full thrust at any time via the joystick.

Fully automatic without compromise: perfect breakout force on any terrain.

Through the Liebherr hydrostatic drive, the machine automatically and continuously delivers the correct traction when ripping - without any gear changes. At the end of ripping the first strip, the rear ripper is raised automatically at the push of a button. The undercarriage design also gives you the added benefit of a low centre of gravity. Ready to tackle any stony or steep terrain, the fixed ripper control with mini-joystick ensures you always find a stable hold.*

Your added bonus in pushing speed.

If the ground is loose, simply select a higher speed range. Due to the electronic pilot control, not only can you set the speed of the machine, you can also select the reactivity and speed of the operating hydraulics in the display. You can also equip your Generation 8 crawler dozer with the proven Liebherr quality heavy duty blade.



Even more powerful Liebherr diesel engine.

We install our own diesel engines in our crawler dozers - specifically designed for heavy construction machinery. In combination with the hydrostatic drive, your machine generates the maximum tractive power at any speed.



Automate operating movements.

- Quick Drop: Rapid lowering of the blade
- Auto Blade: Automatic raising and lowering of the blade.
- Automatic lifting of the rear ripper at the push of a button

Productivity and creativity brought together for you.

Effective power and economy in eco mode.

Re-cultivate the site after extracting the materials of value. Here you can switch to the environmentally friendly eco mode for light work and material transfer. This lets you achieve both your required pushing performance and maximum fuel economy.

Safe on slopes at top speed.

When driving on slopes and embankments, the machine assists you with automatic speed monitoring. The Hill Assist function, with automatic parking brake, makes hill starts simple. The modern Liebherr drive system completely dispenses with the need for a wear-intensive foot brake.

Reach the finish line faster with Liebherr Assistance Systems.

The standard Liebherr Free Grade provides you with active blade stabilisation when grading surfaces, ramps and embankments with longitudinal and transverse slopes. Together with the two other assistance modes, Definition Grade and 3D Grade (optional), this system will help you, as an experienced operator, to increase productivity and save time. In addition, you can keep your eye on the job in hand and avoid dangerous driving situations.



Grading to the power of 3.

The three levels of Liebherr operator assistance functions increase both the speed and the quality of the grading performance for both inexperienced and professional drivers.

* Now included as standard for the PR 736 to PR 776 size crawler dozers.

Profitability



The best investment for cost effective construction.

Profitable crawler dozer operation is much more than just cutting the cost of moving material. That is why, when developing the new Generation 8, we focused our attention on your entire construction site process: From simple transport, through cost-effective operation for both light and heavy applications, with the aid of intelligent assistance systems, right up to service logistics.

Never leave anything to chance.

Profitable operation starts with transportation.

At Liebherr, we focus our development on the overall process - because cost effective crawler dozer use is determined by all the processes in daily operations. As a result, your new Liebherr machine, with a 6-way folding blade, can be transported without the use of special tools or a special transport permit. In addition, the operation of a hydrostatically controlled machine is so simple and intuitive that every truck driver can load it safely. With the optional reversing camera manoeuvring is even easier.

The choice is up to you!

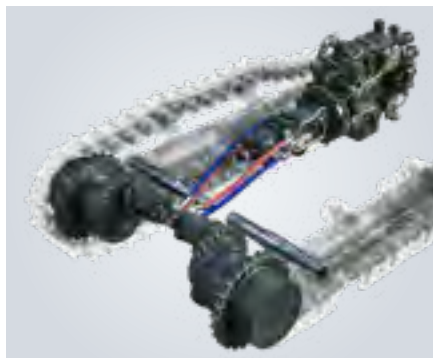
You decide how much "power" the Liebherr crawler dozer will give you.

If large quantities of material are to be moved, the hydrostatic drive works at constant engine speed to save resources and keep costs down.

The larger blade capacities of the Generation 8 machines give additional reserves of power.

For light work, you can give priority economy with the Eco mode. And every time, the environment always benefits.

Generation 8 ranks particularly well in heavily built-up commercial areas due to its low noise emissions.



Advanced ideas and successful innovation.

With ground breaking concepts, such as stepless drive with adaptive tractive force adjustment, joystick control, Drive by Wire and automatic speed control, we never fail to impress our customers time and again.



Trend setting for our customers.

"Through the uncompromising customer focus of our company I am continuously inspired to implement trend setting solutions. One example of this is the integration of assistance systems into the advanced operating design of our dozers."

R. Adam-Heinrich

Software developer (LWT)

Machine intelligence that supports you.

Definition Grade - the new site laser.

Within level 2 of the new Liebherr Operator Assistance Systems, Definition Grade allows you to model a 2D surface without a rotating laser. All you need is a reference point from your site surveyor.

With the blade automatically lowering to the reference measurement, the creation of a precise 2D surface is child's play - even over large distances and in different pushing directions. All without the need for a laser or complex machine controls with satellite connection. And at the same time, Liebherr technology now enables grading speeds that previously could not be achieved.

Smart service logistics - myLiebherr.

With the LiDAT fleet management system, you can plan your next service and always keep an eye on upcoming maintenance work. If the worst comes to the worst: Simply notify your service partner and order the right spare part including express delivery via myLiebherr on your mobile phone.



LiDAT: Keeping your an eye on critical parameters.

LiDAT is a fleet management tool that provides you with information on location as well operation of your construction machinery. This includes machine position, operating and usage times, fuel consumption and service interval information.

Reliability



Professional drivers rely 100 % on their equipment.

You can programme your dozer to precisely match your working conditions and be fully reliant on the professional equipment from Liebherr. The high quality engineering concept of Generation 8 extends across the entire life of the machine. Starting from initial development of our sturdy construction machines, it covers all factors of safety for daily operation.

Safety without compromise.

Check: All systems up and running.

Demanding tasks require your full attention. With a single glance at the new 9-inch touch display you can be certain that all operating parameters are in the green range. And whether for CB radio, a tablet or kettle: The full 12 and 24 volts supply, with two USB sockets, ensures everyone can plug in to the right connection.

Dependable on any terrain.

The continuously variable hydrostatic Liebherr drive particularly shows its strengths when driving on extremely soft ground: With permanent traction on both drive tracks, you can manoeuvre the machine, without changing gear, completely free from jerking. In combination with the good weight distribution, this means your crawler dozer is always safe and sure on the move.

Minimise your risk.

When spreading material, you will be surprised by the height of the ground clearance. Due to the compact design of the hydrostatic drive components, the centre of gravity of the machine remains very low. Normal drive (low drive) has been ideally designed and operates particularly well on softer ground, whereby noise levels also remain exceptionally low. In addition, the Liebherr dozer has a large wading depth. The demand-driven hydrostatic fan saves energy and lowers the noise levels even further.

Make sure you are well equipped.

Long-lasting drive.

You can rely on the standard tracks from Liebherr for every task. Particularly with high abrasion applications, such as flushing fields, you can equip your crawler dozer with a wide drive for the lowest ground pressure and a FTB (Free Turning Bushings) track. The track bushes on the Liebherr FTB undercarriage are free turning and the base plates are provided with cleaning holes. This extends the service life of the track and sprockets.

The perfect interaction between man and machine.

We focus the core of our design development on the way you work. No sooner in the driving seat, you will experience the perfect integration of your workplace into the surrounding environment: advanced machine design with clear visibility to all sides.

You will quickly familiarise yourself with the intuitive control of your Liebherr crawler dozer, because all the driving functions have been reduced to a central control element.

The cutting-edge drive system always provides the necessary thrust on-demand and maintains the selected speed even under extreme conditions. The only limits are physical constraints and your own creativity.

As the operator, you are protected by the restraint system and integrated ROPS/FOPS protection. The integrated, electronically controlled protection mechanisms, with automatic maximum load control and on-board monitoring, ensure you can fully exploit the potential of your dozer even over prolonged periods.

Advanced digital development, tried and tested on site.

From stability analyses, to visual and operating simulations and vibration behaviour: Our products are put through numerous tests as virtual prototypes, in combination with the full range of digital 3D engineering design tools, and in daily use on construction sites they prove themselves all over the world.

Tough machines demand tough equipment.

Particularly high grade materials are used on the face and cutting edges of Liebherr blade equipment. The perfect solution for every application is available from the wide selection and varied range of equipment offered.

The highest level of quality, in everything we do.

The Liebherr promise: the highest level of quality and a real contribution to the success and profitability of our customers. This is our top priority. To do this, we adapt the latest manufacturing methods to meet the specific requirements of our products and continuously invest in the modernisation of our production facilities.

Comfort



Liebherr Silent Design: keeps your eye on the job in hand.

Crawler dozer operators depend fully on all of their senses. Through effective shock absorption, the latest Generation 8 dozer filters out vibrations, but you still have the full feedback to form the perfect level. The reassuring Operator Assistance Systems help you to exceed your demands for productivity and precision. Through the digital display interface you always keep an eye on your objective.

From workplace to workspace.

Start your shift in safety and comfort.

As a crawler dozer operator, you play a leading role on the construction site and are frequently one of the first into action. For this reason, your new Liebherr machine is ready and waiting with lighting for access and exit as well as for the engine compartment and centralised maintenance points to simplify early morning inspection.

Setting up your workplace.

Right from the start, you can feel at home in the spacious driver's cabin and adjust the seat and joysticks to match your own ergonomic needs. Your presence is immediately detected by the seat contact switch, leaving you free to belt up and get started right away. The new 9" touch display gives you access to all key parameters and individual settings for the drive and operating hydraulics.

24 / 7: The best outlook in any weather.

Immediately from start up at the crack of dawn, your Liebherr crawler dozer will draw the attention of workmates on site. The advanced lighting layout illuminates even the outermost corners around the machine. With large glass surfaces, sloping shapes for containers and ideal positioning of exhaust pipe and driver's seat, the design is optimised for visibility to give you a clear overview even in tight spaces. The windscreen wipers can be regulated separately for perfect visibility in every direction.



New 9" Touch user interface.

- Operating status
- Service notifications
- Configuration of drive and operating hydraulics
- ECO Mode
- Liebherr Operator Assistance



Intelligent Liebherr control.

In the Generation 8 crawler dozer you are ready for the future:

- Highly automated stepless drive
- Electronically controlled operating hydraulics
- Automated operating movements
- Advanced machine interface

Your strength. Your versatility.

Welcome to the digital construction site.

Now you will be able to model simple 2D surfaces in an instant. And at the same time, as a driver of a Generation 8 dozer, you will always be ready for complex construction jobs. With the benefit of location sharing, our LiDAT fleet management and configuration with the integrated 3D technology, you will always be in big demand on the construction site. All necessary 3D data for your new project can be imported and displayed directly via Sitelink 3D.

Carry out your tasks in high definition.

Topcon's optional roof-mounted 3D solution is already fitted and calibrated ex-works; so you can get started right away. The fully automatic machine control positions the 6-way blade of your dozer exactly in all three dimensions. The open architecture and standardised terrain models enable easy and simple integration into digital construction site processes.

"Ready" for Trimble and Leica.

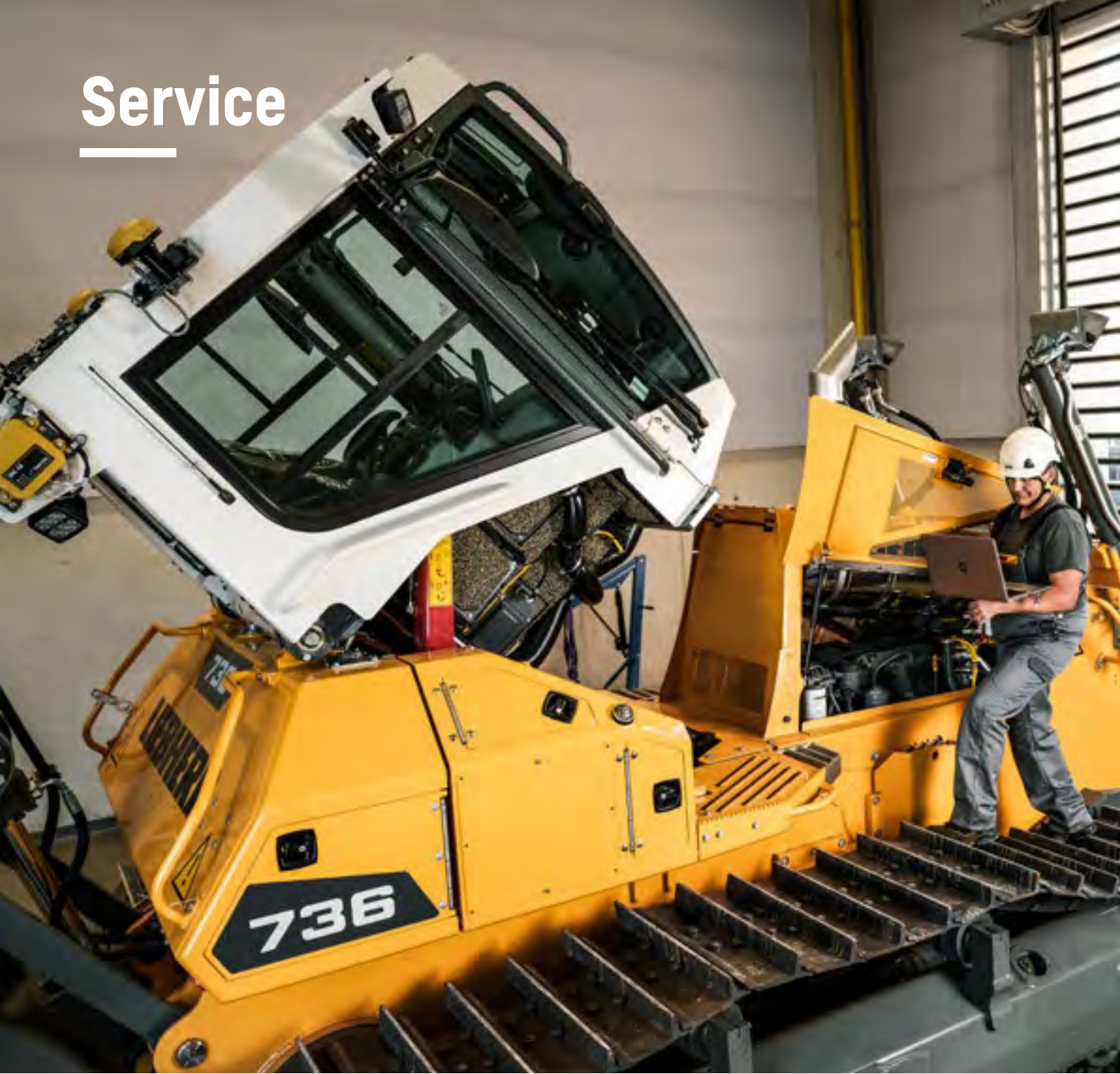
Pre-installed kits are available, as an option, for setting up the latest 2D and 3D machine controls from the manufacturers Trimble and Leica. The Ready Kits give you option to upgrade your crawler dozer at any time in the future.



Spacious, quiet and comfortable cabin.

- Access and exit step lighting
- Climate control
- Cold storage compartment
- 12 V and 24 V plug socket
- 2 USB sockets

Service



At your service on site: our worldwide service network.

Our focus on customer satisfaction is in our genetic profile. That is why Liebherr service is just a phone call away - regardless of where you are in the world. Our network of service partners guarantees quick and professional support directly on site. For Liebherr, speed and reliability are an integral part of our service provision. Because short reaction times directly reduce downtime and contribute restoring your machine's productivity quickly.

The highlight of the working day.

Quick and simple every day!

Daily maintenance before start-up should never be a chore, it is after all, a vital factor for long machine service life. As the key points of maintenance are centralised for the driver, daily inspection of your Liebherr crawler dozer is simple, quick and easy.

Focus on serviceability.

All service points are readily accessible via easy grips and steps that let the service engineer start his work quickly and safely. With engine compartment lighting and diagnostic ports routed out for access, an overview of the machine status can be gained in no time at all. The standard hydraulically tilting cab allows easy access to the drive components, without the use of a crane, even in the field.



Simple cleaning of the radiator.

Liebherr crawler dozers are fitted with a swivelling fan as standard and with a quick-release fastener as an option. This allows cleaning from the outside in record time. An optional reversible fan is recommended for self-cleaning, particularly in dust-intensive dozer applications.

We live for service.

Breakdown is not an option.

Despite long service and predicted maintenance intervals: A service notification interrupts the usual progress of work. For this very reason, the objective of the entire Liebherr service chain is maximum machine availability. Short response times and fast deliveries are topmost priorities.

Time saved = money saved.

Through LiDAT fleet management, the Liebherr service technician, with your consent, can call up the location of the machine directly and receive reliable information on the forthcoming service tasks. Via the myLiebherr customer portal you can gain online access to the latest spare parts documentation for your machine and order directly from your Liebherr service partner.



Fully trained service engineer.

All Liebherr customer service technicians undergo intensive training and continuous professional development. This not only covers remote diagnostics and fault analysis, but above all how to quickly determine the right solution on the customer's machine.

Strong service partner.

Dependable service today and in the future.

With Liebherr you can rely on long-term support and certainty based on partnership. Liebherr and our service partners act as the guarantors for this.

Worldwide service network.

Service support points all over the world make "close to you" a literal reality. Technical experts from Liebherr's service partners are always ready to provide competent and reliable support.

Tailor-made service agreements.

A single source for all service needs: Liebherr's service agreements provide for secure investment and increase the profitability of your machine.



Spare parts over 30 hectares.

The high bay warehouse in our international logistics centre has some 60,000 automated pallets and 33,000 manual storage spaces, and the small parts warehouse has 122,000 container storage spaces. This is where we store spare parts of various weights, from one gram to 40 tonnes.

The driver's dozer



Moving the earth. Shaping horizons.

As a driver, you are at the centre of operations and responsible for the success of the project. You have to fulfil the specified requirements on time and always find appropriate solutions. A Liebherr Generation 8 crawler dozer lets you use your skills and capability to the full. You are both goal-oriented and creative in your work and thus benefit from the latest digital dozer technology in each assignment.



No job is too ambitious for you.

On site, you call the shots:

Where every tonne makes a difference, and cost effective operations are crucial. As a dozer operator, your contribution here can be significant: from supply of material, to site and storage capacity management. You are able to readily adapt a Liebherr crawler dozer to the prevailing demands. And the advanced drive management system with Eco mode provides you ideal support.

You shape and form the terrain.

The powerful features of Liebherr Assistance Systems are immediately evident when creating the vehicle site access. Definition Grade lets you create a precise formation level including the required surface inclination. With the optional 3D Grade machine control, you can also create simple 3D surface models directly on the display and execute them in automatic mode.

You can make complex tasks look perfectly simple.

For stockpiling, the extended blade will speed up your work. And on loose aggregate and softer ground the new Generation 8 dozer really comes up trumps: With the machine's low centre of gravity and consistent power to both tracks, you can even make cross slope pushing look like child's play. Sensors maintain your current driving speed and keep you perfectly in line. Active braking downhill is not necessary.

You set high demands on your work.

You'll just love your new workplace.

Even under the most extreme operations and all types of weather, you will be impressed by the comfort of our new crawler dozers. The advanced Liebherr driver's cabin, with hydro-elastic mountings, offers the lowest sound levels and effective absorption of vibrations. Together with the first-class seating and joystick ergonomics, you will even take long working days in your stride.

You can service your machine both quickly and safely.

Whatever the weather, maintenance of the Liebherr crawler dozers is quick, easy and safe for you to carry out. This is a particular point of emphasis in our product development. It starts out with the engineering design, where Liebherr technicians design and test the positioning of maintenance points using virtual reality. Particular highlighted features of maintenance are; the readily accessible dipstick and fluid filler nozzles, the exposed lubrication points for the equaliser bar and maintenance-free bearings.

Sustainability is important for you.

Even when your work is done, there are still features of the new Liebherr crawler dozer that will come as a pleasant surprise: Due to real-time Load Sensing*, the machine only calls up the hydraulic power that is currently needed. Excess energy, however, is not dissipated, as is normally the case with conventional systems. This protects the components and reduces diesel consumption. Furthermore, the efficient high-temperature combustion in the Liebherr diesel engine and exhaust gas aftertreatment with the SCR filter (combined diesel particle filter and selective catalyst with AdBlue injection) * helps protect the environment.

* depending on model

Highlights G8

Precision and speed.

- Exceptional grading performance
- Liebherr Operator Assistance Systems (OAS)

Intelligent, efficient and productive.

- Electronically controlled drive with ECO Mode

Relaxed work environment.

- Liebherr Silent Design
- Premium comfort cab





Flexible, adapts to the way you work.

- Electronically controlled operating hydraulics
- Human-machine interaction

Future-proof technology.

- Advanced Liebherr diesel engine emission tier V, "BIM ready"
- 3D site modelling (3D Grade)
- MyLiebherr service portal

Technical data PR 716



Engine

| | |
|-------------------------------|---|
| Liebherr Diesel engine | D 924 A7 Emission regulations according to 97/68/EC, 2004/26/EC Stage V, EPA/CARB Tier 4f |
| Rated power (net) | |
| ISO 9249 | 97 kW / 132 HP |
| SAE J1349 | 97 kW / 130 HP |
| Maximum power (net) | |
| ISO 9249 | 107 kW / 146 HP |
| SAE J1349 | 107 kW / 144 HP |
| Rated speed | 2,100 rpm |
| Displacement | 4.5 l / 275 in ³ |
| Design | 4 cylinder in-line engine, water-cooled, turbocharged, air-to-air intercooler |
| Injection system | Direct fuel injection, Common Rail, electronic control |
| Lubrication | Pressurised lube system, engine lubrication guaranteed for inclinations up to 35°, on all sides |
| Operating voltage | 24 V |
| Alternator | 140 A |
| Starter | 5.5 kW / 7 HP |
| Batteries | 2 x 100 Ah / 12 V |
| Air cleaner | Dry-type air cleaner with vacuum indicator, main and safety elements |
| Cooling system | Combi radiator, comprising radiators for water, hydraulic fluid and charge air. Hydrostatic fan drive |



Hydraulics

| | |
|----------------------------|---|
| Hydraulic system | Open-center with load-sensing valve block |
| Pump type | Gear pump |
| Pump flow max. | 97 l / min. / 25.6 gpm / 21.3 lmp.gpm |
| Pressure limitation | 220 bar / 3,190 psi |
| Control valve | 3 segments, expandable to 4 |
| Filter system | Return filter with magnetic rod in the hydraulic tank |
| Control | Single joystick for all blade functions |



Travel drive, control

| | |
|----------------------------|---|
| Transmission system | Infinitely variable hydrostatic travel drive, independent drive for each track |
| Travel speed * | Continuously variable |
| Speed range 1: | 0 - 6.5 km/h / 4.0 mph (forward & reverse) |
| Speed range 2: | 0 - 8.5 km/h / 5.3 mph (forward & reverse) |
| Speed range 3: | 0 - 10.0 km/h / 6.2 mph (forward & reverse) |
| | *Travel speed ranges can be set on the travel joystick (memory function) |
| Electronic control | The electronic system automatically adjusts travel speed and drawbar pull to match changing load conditions |
| Steering | Hydrostatic |
| Service brake | Hydrostatic (self-locking), wear-free |
| Parking brake | Multi-disk brake, wear-free, automatically applied with neutral joystick position |
| Cooling system | Hydraulic oil cooler integrated in combi radiator, hydrostatic fan drive |
| Filter system | Micro cartridge filters in replenishing circuit |
| Final drive | Combination spur gear with planetary gear |
| Control | Single joystick for all travel and steering functions. Optional: detented Joystick, with inching pedal |



Operator's cab

| | |
|-----------------------------|---|
| Cab | Hydroelastic mounted cab with positive pressure ventilation, can be tilted with hand pump 40° to the rear. With integrated ROPS Rollover Protective Structure (EN ISO 3471) and FOPS Falling Objects Protective Structure (EN ISO 3449) |
| Operator's seat | Air-suspended comfort seat, fully adjustable |
| Monitoring | Touch screen: display of current machine information, automatic monitoring of operating conditions. Individual setting of machine parameters |
| Vibration emission | |
| Hand / arm vibrations | < 2.5 m/s ² , according with ISO 5349-1:2001 |
| Whole-body vibrations | 0.24 - 1.31 m/s ² , complies with technical report ISO/TR 25398:2006 |
| Measuring inaccuracy | According with standard EN 12096:1997 |

Undercarriage

| | XL | LGP |
|-------------------------------------|--|------------------------------|
| Design | Undercarriage with rigid bottom rollers | |
| Mounting | Via separate pivot shafts and equalizer bar | |
| Track chains | Lubricated, single-grouser shoes, tensioning via a steel spring and grease tensioner | |
| Links, each side | 39 | 39 |
| Track rollers, each side | 7 | 7 |
| Carrier rollers, each side | 1 (2*) | 1 (2*) |
| Sprocket segments, each side | 5 | 5 |
| Track shoes, standard | 560 mm / 22" | 610 mm / 24" |
| Track shoes, optional | | 711 mm / 28" 762 mm / 30" |

* Rotary bushing undercarriage FTB: 2 carrier rollers

Sound levels

| | |
|---|-----------|
| Operator sound exposure ISO 6396 | |
| L_{pA} (in the cab) | 75 dB(A) |
| Exterior sound pressure 2000/14/EC | |
| L_{WA} (to the environment) | 109 dB(A) |

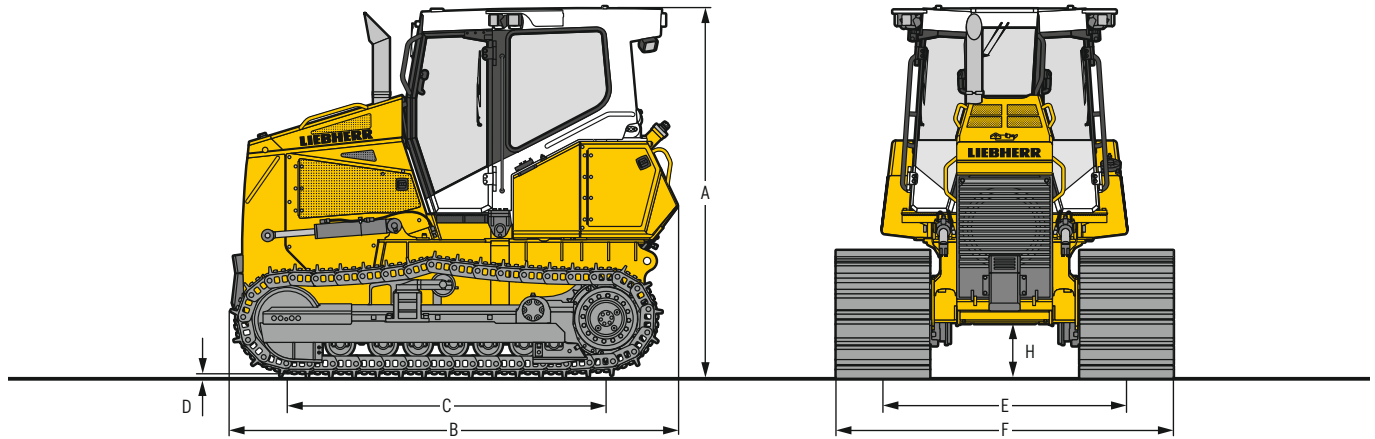
Refill capacities

| | |
|--|---------------------------------|
| Fuel tank | 320 l / 84.5 gal / 70.4 Imp.gal |
| Diesel Exhaust Fluid (DEF) tank | 45 l / 11.9 gal / 0.9 Imp.gal |
| Cooling system | 24 l / 6.3 gal / 5.3 Imp.gal |
| Engine oil, with filter | 19 l / 5 gal / 4.2 Imp.gal |
| Hydraulic tank | 101 l / 26.7 gal / 22.2 Imp.gal |
| Final drive XL, LGP, each side | 7.5 l / 2 gal / 1.6 Imp.gal |

Drawbar pull

| | |
|--------------------------------|--------|
| Max. | 215 kN |
| at 1.5 km / h / 0.9 mph | 190 kN |
| at 3.0 km / h / 1.9 mph | 96 kN |
| at 6.0 km / h / 3.7 mph | 49 kN |
| at 9.0 km / h / 5.6 mph | 32 kN |

Dimensions PR 716



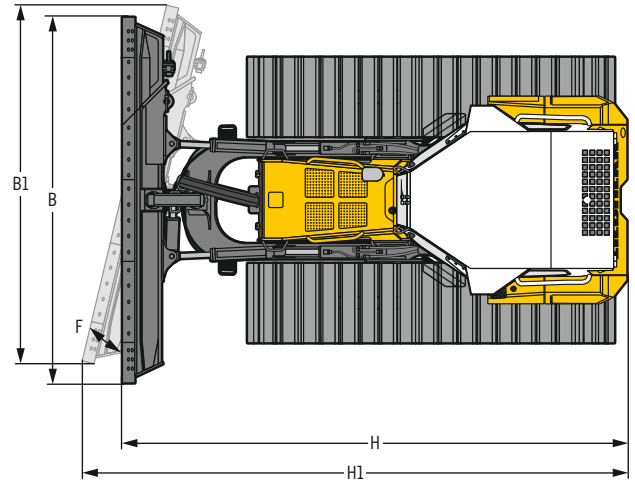
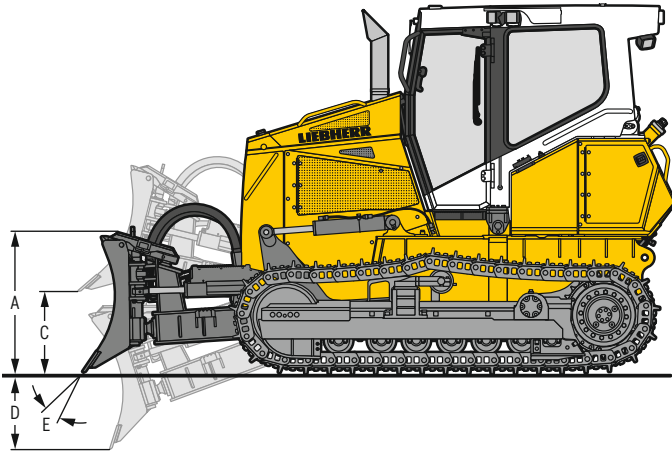
Dimensions

| Undercarriage | | XL | LGP |
|---|---------------------------------------|---------------------|---------------------|
| A Height over cab | mm | 3,017 ²⁾ | 3,017 ²⁾ |
| | ft in | 9'11" | 9'11" |
| B Overall length without attachments | mm | 3,655 | 3,655 |
| | ft in | 12' | 12' |
| C Length of track on ground | mm | 2,605 | 2,605 |
| | ft in | 8'7" | 8'7" |
| D Height of grousers | mm | 55.5 | 55.5 |
| | ft in | 2.19" | 2.19" |
| E Track gauge | mm | 1,780 | 1,980 |
| | ft in | 5'10" | 6'6" |
| H Ground clearance | mm | 443 | 443 |
| | ft in | 1'5" | 1'5" |
| F Track shoes 560 mm / 22" | mm / ft in | 2,340 / 7'8" | - |
| | Tractor shipping weight ¹⁾ | kg / lb | 11,559 / 25,483 |
| F Track shoes 610 mm / 24" | mm / ft in | - | 2,590 / 8'6" |
| | Tractor shipping weight ¹⁾ | kg / lb | 11,718 / 25,834 |
| F Track shoes 711 mm / 28" | mm / ft in | - | 2,691 / 8'10" |
| | Tractor shipping weight ¹⁾ | kg / lb | 11,933 / 26,308 |
| F Track shoes 762 mm / 30" | mm / ft in | - | 2,742 / 9' |
| | Tractor shipping weight ¹⁾ | kg / lb | 12,042 / 26,548 |

¹⁾ Including coolant and lubricants, 20% fuel, ROPS / FOPS cab.

²⁾ Transport shipping height increases with optional equipment: Topcon 3D Grade +155 mm, preparation for Trimble & Leica +130 mm, amber beacon/beacon for back-up alarm +230 mm, dust filter overpressure system for cab +535 mm, protective cover for air conditioning condenser +170 mm, branch deflector (sweeps) +165 mm, other equipment on request.

Front attachments PR 716



6-Way blade with inside mounted push frame

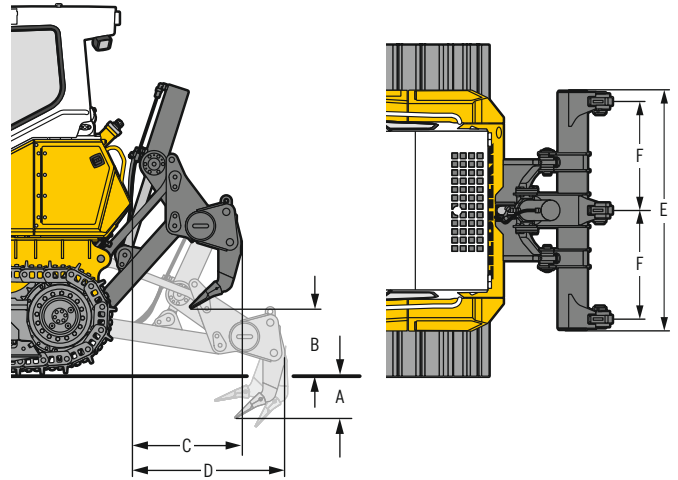
| | | 6-way blade | 6-way blade with hinged corner | 6-way blade | 6-way blade with hinged corner |
|---|--------------------------|-----------------|--------------------------------|-----------------|--------------------------------|
| Undercarriage | | XL | XL | LGP | LGP |
| Blade capacity, ISO 9246 | m ³ | 2.92 | 2.92 | 3.30 | 3.30 |
| | yd ³ | 3.82 | 3.82 | 4.32 | 4.32 |
| A Height of blade | mm | 1,135 | 1,135 | 1,135 | 1,135 |
| | ft in | 3'9" | 3'9" | 3'9" | 3'9" |
| B Width of blade | mm | 3,145 | 3,145 | 3,510 | 3,510 |
| | ft in | 10'4" | 10'4" | 11'6" | 11'6" |
| B1 Width of blade, angled | mm | 2,896 | 2,896 | 3,226 | 3,226 |
| | ft in | 9'6" | 9'6" | 10'7" | 10'7" |
| Transport width | mm | 2,896 | 2,467 | 3,226 | 2,809 |
| | ft in | 9'6" | 8'1" | 10'7" | 9'3" |
| C Lifting height | mm | 1,055 | 1,055 | 1,055 | 1,055 |
| | ft in | 3'6" | 3'6" | 3'6" | 3'6" |
| D Digging depth | mm | 456 | 456 | 456 | 456 |
| | ft in | 1'6" | 1'6" | 1'6" | 1'6" |
| E Blade pitch adjustment | | 5° | 5° | 5° | 5° |
| F Blade angle adjustment | | 25° | 25° | 25° | 25° |
| Max. blade tilt | mm | 449 | 449 | 500 | 500 |
| | ft in | 1'6" | 1'6" | 1'8" | 1'8" |
| H Overall length, blade straight | mm | 4,850 | 4,850 | 4,850 | 4,850 |
| | ft in | 15'11" | 15'11" | 15'11" | 15'11" |
| H1 Overall length, blade angled | mm | 5,472 | 5,472 | 5,550 | 5,550 |
| | ft in | 17'11" | 17'11" | 18'3" | 18'3" |
| F Track shoes 560 mm / 22" | | | | | |
| Operating weight ¹⁾ | kg / lb | 13,290 / 29,299 | 13,650 / 30,093 | – | – |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | 0.41 / 5.83 | 0.41 / 5.83 | – | – |
| F Track shoes 610 mm / 24" | | | | | |
| Operating weight ¹⁾ | kg / lb | – | – | 13,506 / 29,776 | 13,876 / 30,591 |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | – | – | 0.38 / 5.40 | 0.38 / 5.40 |
| F Track shoes 711 mm / 28" | | | | | |
| Operating weight ¹⁾ | kg / lb | – | – | 13,721 / 30,250 | 14,091 / 31,065 |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | – | – | 0.33 / 4.69 | 0.34 / 4.69 |
| F Track shoes 762 mm / 30" | | | | | |
| Operating weight ¹⁾ | kg / lb | – | – | 13,830 / 30,490 | 14,200 / 31,306 |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | – | – | 0.31 / 4.41 | 0.32 / 4.55 |

¹⁾ Including coolant and lubricants, 100% fuel, ROPS/FOPS cab, operator, 6-way blade.

Rear attachments PR 716

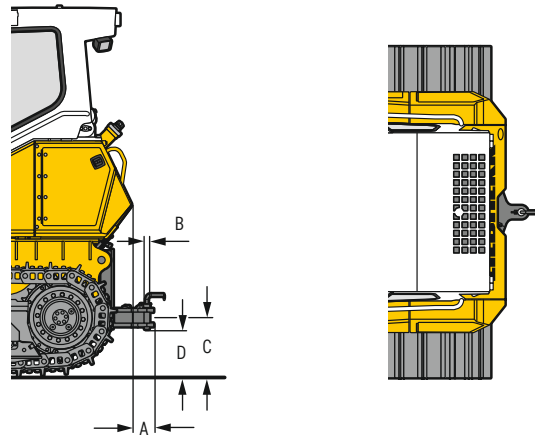
3-Shank ripper

| | | |
|---|-------|-------|
| A Ripping depth | mm | 362 |
| | ft in | 1'2" |
| B Lifting height | mm | 554 |
| | ft in | 1'10" |
| C Additional length, attachment raised | mm | 886 |
| | ft in | 2'11" |
| D Additional length, attachment lowered | mm | 1,147 |
| | ft in | 3'9" |
| E Overall beam width | mm | 1,970 |
| | ft in | 6'6" |
| F Distance between shanks | mm | 900 |
| | ft in | 2'11" |
| Weight | kg | 993 |
| | lb | 2,189 |



Drawbar

| | | |
|-----------------------|-------|--------------|
| | | rigid |
| A Additional length | mm | 172 |
| | ft in | 6.77" |
| B Socket pin diameter | mm | 44.5 |
| | ft in | 1.75" |
| C Height of jaw | mm | 480 |
| | ft in | 1'7" |
| D Ground clearance | mm | 385 |
| | ft in | 1'3" |
| Jaw opening | mm | 90 |
| | ft in | 3.54" |
| Weight | kg | 157 |
| | lb | 346 |



Technical data PR 726



Engine

| | |
|-------------------------------|---|
| Liebherr Diesel engine | D 934 A7 Emission regulations according to 97/68/EC, 2004/26/EC Stage V, EPA/CARB Tier 4f |
| Rated power (net) | |
| ISO 9249 | 125 kW / 170 HP |
| SAE J1349 | 125 kW / 168 HP |
| Maximum power (net) | |
| ISO 9249 | 140 kW / 190 HP |
| SAE J1349 | 140 kW / 188 HP |
| Rated speed | 1,900 rpm |
| Displacement | 7.0 l |
| Design | 4 cylinder in-line engine, water-cooled, turbocharged, air-to-air intercooler |
| Injection system | Direct fuel injection, Common Rail, electronic control |
| Lubrication | Pressurised lube system, engine lubrication guaranteed for inclinations up to 45°, on all sides |
| Operating voltage | 24 V |
| Alternator | 140 A |
| Starter | 7.8 kW / 11 HP |
| Batteries | 2 x 180 Ah / 12 V |
| Air cleaner | Dry-type air cleaner with vacuum indicator and automatic dust filter system, main and safety elements |
| Cooling system | Combi radiator, comprising radiators for water, hydraulic fluid and charge air. Hydrostatic fan drive |



Hydraulics

| | |
|----------------------------|---|
| Hydraulic system | Load sensing (demand-controlled) |
| Pump type | Swash plate piston pump |
| Pump flow max. | 140 l/min. / 37 gpm / 30.8 Imp.gmp |
| Pressure limitation | 220 bar |
| Control valve | 3 segments, expandable to 4 |
| Filter system | Return filter with magnetic rod in the hydraulic tank |
| Control | Single joystick for all blade functions |



Travel drive, control

| | |
|----------------------------|---|
| Transmission system | Infinitely variable hydrostatic travel drive, independent drive for each track |
| Travel speed* | Continuously variable |
| Speed range 1: | 0 - 6.5 km/h / 4.0 mph (forward & reverse) |
| Speed range 2: | 0 - 8.5 km/h / 5.3 mph (forward & reverse) |
| Speed range 3: | 0 - 11.0 km/h / 6.8 mph (forward & reverse) |
| | *Travel speed ranges can be set on the travel joystick (memory function) |
| Electronic control | The electronic system automatically adjusts travel speed and drawbar pull to match changing load conditions |
| Steering | Hydrostatic |
| Service brake | Hydrostatic (self-locking), wear-free |
| Parking brake | Multi-disk brake, wear-free, automatically applied with neutral joystick position |
| Cooling system | Hydraulic oil cooler integrated in combi radiator, hydrostatic fan drive |
| Filter system | Micro cartridge filters in replenishing circuit |
| Final drive | Combination spur gear with planetary gear, double-sealed (duo cone seals) |
| Control | Proportional single joystick for all travel and steering functions |



Operator's cab

| | |
|-----------------------------|--|
| Cab | Resiliently mounted cab with positive pressure ventilation, can be tilted with hand pump 40° to the rear. With integrated ROPS Rollover Protective Structure (EN ISO 3471) and FOPS Falling Objects Protective Structure (EN ISO 3449) |
| Operator's seat | Air-suspended comfort seat, fully adjustable |
| Monitoring | Touch screen: display of current machine information, automatic monitoring of operating conditions. Individual setting of machine parameters |
| Vibration emission | |
| Hand / arm vibrations | < 2.5 m/s ² , according with ISO 5349-1:2001 |
| Whole-body vibrations | 0.24 - 1.31 m/s ² , complies with technical report ISO/TR 25398:2006 |
| Measuring inaccuracy | According with standard EN 12096:1997 |

Undercarriage

| | XL | LGP |
|-------------------------------------|--|--------------|
| Design | Undercarriage with rigid bottom rollers | |
| Mounting | Via separate pivot shafts and equalizer bar | |
| Track chains | Lubricated, single-grouser shoes, tensioning via a steel spring and grease tensioner | |
| Links, each side | 46 | 46 |
| Track rollers, each side | 8 | 8 |
| Carrier rollers, each side | 2 | 2 |
| Sprocket segments, each side | 6 | 6 |
| Track shoes, standard | 610 mm / 24" | 812 mm / 32" |
| Track shoes, optional | 560 mm / 22" | 864 mm / 34" |



Sound levels

| | |
|---|-----------|
| Operator sound exposure ISO 6396 | |
| L_{pA} (in the cab) | 75 dB(A) |
| Exterior sound pressure 2000/14/EC | |
| L_{WA} (to the environment) | 109 dB(A) |



Refill capacities

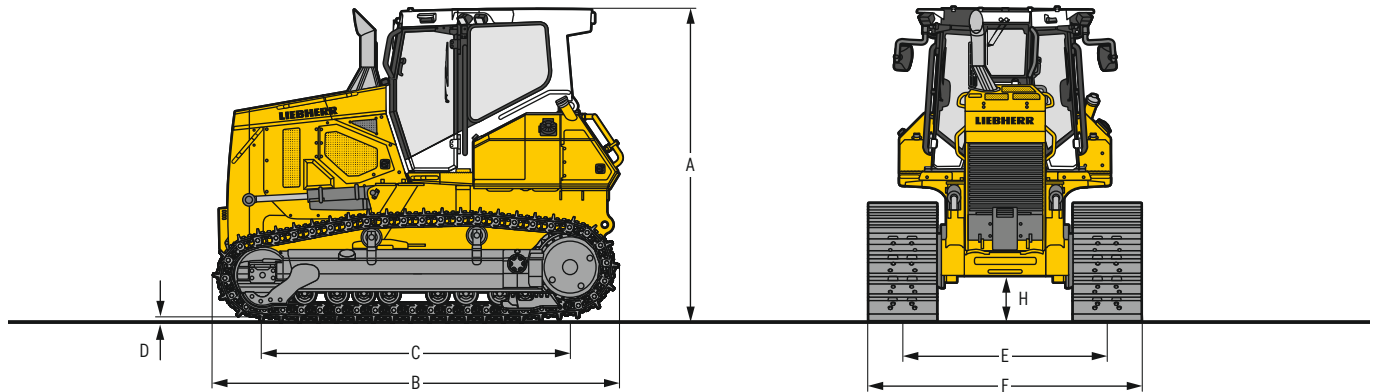
| | |
|--|----------------------------------|
| Fuel tank | 430 l / 113.6 gal / 94.6 Imp.gal |
| Diesel Exhaust Fluid (DEF) tank | 45 l / 11.9 gal / 9.9 Imp.gal |
| Cooling system | 40 l / 10.6 gal / 8.8 Imp.gal |
| Engine oil, with filter | 29 l / 7.7 gal / 6.4 Imp.gal |
| Hydraulic tank | 111 l / 29.3 gal / 24.04 Imp.gal |
| Final drive XL, each side | 16 l / 4.2 gal / 3.5 Imp.gal |
| Final drive LGP, each side | 22.5 l / 5.9 gal / 4.9 Imp.gal |



Drawbar pull

| | |
|--------------------------------|--------|
| Max. | 268 kN |
| at 1.5 km / h / 0.9 mph | 236 kN |
| at 3.0 km / h / 1.9 mph | 123 kN |
| at 6.0 km / h / 3.7 mph | 62 kN |
| at 9.0 km / h / 5.6 mph | 41 kN |

Dimensions PR 726



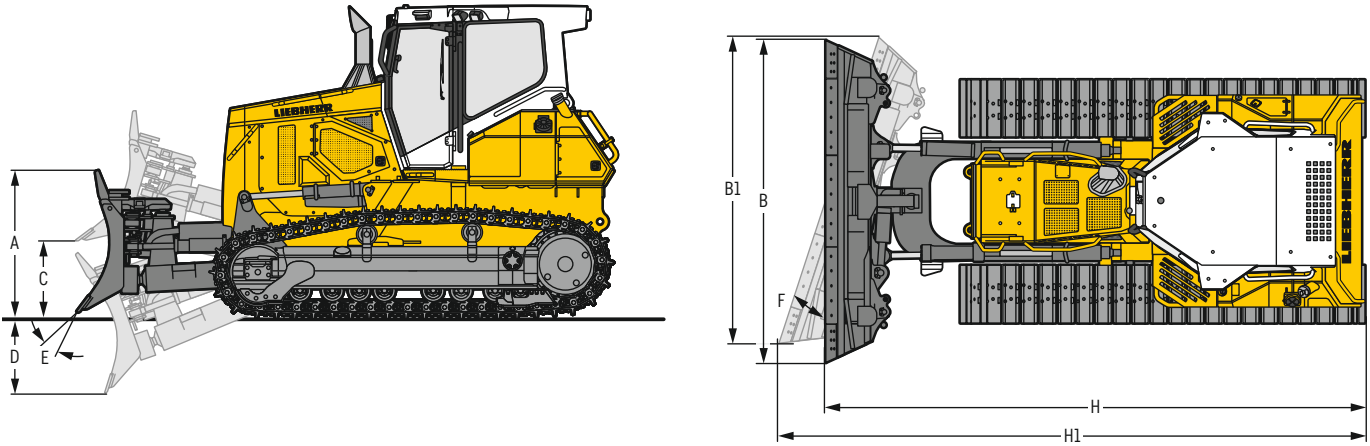
Dimensions

| Undercarriage | | XL | LGP |
|---|---------------------------------------|---------------------|---------------------|
| A Height over cab | mm | 3,210 ²⁾ | 3,210 ²⁾ |
| | ft in | 10'6" | 10'6" |
| B Overall length without attachments | mm | 4,180 | 4,180 |
| | ft in | 13'9" | 13'9" |
| C Length of track on ground | mm | 3,168 | 3,168 |
| | ft in | 10'5" | 10'5" |
| D Height of grousers | mm | 56 | 56 |
| | ft in | 2.2" | 2.2" |
| H Ground clearance | mm | 429 | 429 |
| | ft in | 1'5" | 1'5" |
| E Track gauge | mm | 1,890 | 2,134 |
| | ft in | 6'2" | 7'0" |
| F Track shoes 560 mm / 22" | mm / ft in | 2,450 / 8'0" | - |
| | Tractor shipping weight ¹⁾ | kg / lb | 15,130 / 33,356 |
| F Track shoes 610 mm / 24" | mm / ft in | 2,500 / 8'2" | - |
| | Tractor shipping weight ¹⁾ | kg / lb | 15,270 / 33,665 |
| F Track shoes 812 mm / 32" | mm / ft in | - | 2,946 / 9'8" |
| | Tractor shipping weight ¹⁾ | kg / lb | 16,042 / 35,367 |
| F Track shoes 864 mm / 34" | mm / ft in | - | 2,998 / 9'10" |
| | Tractor shipping weight ¹⁾ | kg / lb | 16,323 / 35,986 |

¹⁾ Including coolant and lubricants, 20% fuel, ROPS / FOPS cab.

²⁾ Transport shipping height increases with optional equipment: Topcon 3D Grade +155 mm, preparation for Trimble & Leica +130 mm, amber beacon/beacon for back-up alarm +230 mm, dust filter overpressure system for cab +535 mm, protective cover for air conditioning condenser +170 mm, branch deflector (sweeps) +165 mm, other equipment on request.

Front attachments PR 726



6-Way blade with inside mounted push frame

| | | 6-way blade | 6-way blade with hinged corner | 6-way blade | 6-way blade with hinged corner |
|---|--------------------------|---------------------|--------------------------------|---------------------|--------------------------------|
| Undercarriage | | XL | XL | LGP | LGP |
| Blade capacity, ISO 9246 | m ³ | 3.33 | 3.33 | 3.87 | 3.87 |
| | yd ³ | 4.36 | 4.36 | 4.36 | 4.36 |
| A Height of blade | mm | 1,200 | 1,200 | 1,140 | 1,140 |
| | ft in | 3'11" | 3'11" | 3'9" | 3'9" |
| B Width of blade | mm | 3,302 | 3,292 | 4,031 | 4,021 |
| | ft in | 10'10" | 10'10" | 13'3" | 13'2" |
| B1 Width of blade, angled | mm | 3,026 | 3,059 | 3,692 | 3,725 |
| | ft in | 9'11" | 10'0" | 12'1" | 12'3" |
| Transport width | mm | 2,999 ²⁾ | 2,498 | 3,660 ²⁾ | 2,990 |
| | ft in | 9'10" | 8'2" | 12'0" | 9'10" |
| C Lifting height | mm | 1,144 | 1,144 | 1,135 | 1,135 |
| | ft in | 3'9" | 3'9" | 3'9" | 3'9" |
| D Digging depth | mm | 541 | 541 | 536 | 536 |
| | ft in | 1'9" | 1'9" | 1'9" | 1'9" |
| E Blade pitch adjustment | | 5° | 5° | 5° | 5° |
| F Blade angle adjustment | | 24° | 24° | 24° | 24° |
| Max. blade tilt | mm | 433 | 432 | 530 | 529 |
| | ft in | 1'5" | 1'5" | 1'9" | 1'9" |
| H Overall length, blade straight | mm | 5,542 | 5,542 | 5,519 | 5,519 |
| | ft in | 18'2" | 18'2" | 18'1" | 18'1" |
| H1 Overall length, blade angled | mm | 6,161 | 6,159 | 6,287 | 6,285 |
| | ft in | 20'3" | 20'2" | 20'8" | 20'7" |
| F Track shoes 560 mm / 22" | | | | | |
| Operating weight ¹⁾ | kg / lb | 17,518 / 38,621 | 17,795 / 39,231 | - | - |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | 0.44 / 5.26 | 0.45 / 6.40 | - | - |
| F Track shoes 610 mm / 24" | | | | | |
| Operating weight ¹⁾ | kg / lb | 17,658 / 38,929 | 17,935 / 39,540 | - | - |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | 0.41 / 5.83 | 0.41 / 5.83 | - | - |
| F Track shoes 812 mm / 32" | | | | | |
| Operating weight ¹⁾ | kg / lb | - | - | 18,583 / 41,588 | 18,908 / 41,685 |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | - | - | 0.32 / 4.55 | 0.33 / 4.69 |
| F Track shoes 864 mm / 34" | | | | | |
| Operating weight ¹⁾ | kg / lb | - | - | 18,864 / 41,588 | 19,189 / 42,304 |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | - | - | 0.31 / 4.41 | 0.31 / 4.41 |

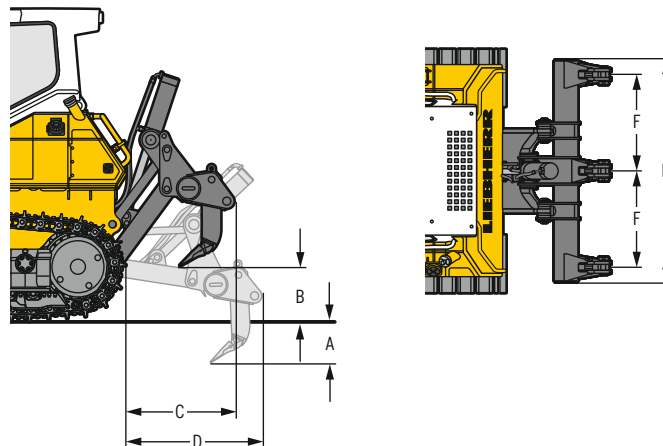
¹⁾ Including coolant and lubricants, 100% fuel, ROPS/FOPS cab, operator, 6-way blade.

²⁾ Blade angled and max. tilted.

Rear attachments PR 726

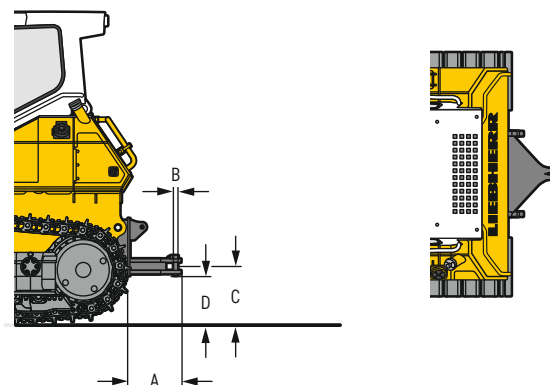
3-Shank ripper

| | | |
|---|-------|-------------|
| A Ripping depth (max. / min.) | mm | 501 / 351 |
| | ft in | 1'8" / 1'2" |
| B Lifting height (max. / min.) | mm | 649 / 499 |
| | ft in | 2'2" / 1'8" |
| C Additional length, attachment raised | mm | 1,083 |
| | ft in | 3'7" |
| D Additional length, attachment lowered | mm | 1,439 |
| | ft in | 4'9" |
| E Overall beam width | mm | 2,300 |
| | ft in | 7'7" |
| F Distance between shanks | mm | 1,000 |
| | ft in | 3'3" |
| Max. pitch adjustment | | - |
| Weight | kg | 1,443 |
| | lb | 3,181 |



Drawbar

| | | |
|-----------------------|-------|-------|
| A Additional length | mm | rigid |
| | ft in | 474 |
| B Socket pin diameter | mm | 45 |
| | ft in | 1.77" |
| C Height of jaw | mm | 529 |
| | ft in | 1'9" |
| D Ground clearance | mm | 434 |
| | ft in | 1'5" |
| Jaw opening | mm | 90 |
| | ft in | 4.36" |
| Weight | kg | 232 |
| | lb | 511 |



Technical data PR 736



Engine

| | |
|---|---|
| Liebherr Diesel engine | D 934 EVO Emission regulations according to 97 / 68 / EC, 2004 / 26 / EC Stage V, EPA / CARB Tier 4f |
| Rated power (net) ISO 9249 SAE J1349 | 160 kW / 217 HP 160 kW / 214 HP |
| Maximum power (net) ISO 9249 SAE J1349 | 175 kW / 238 HP 175 kW / 235 HP |
| Rated speed | 1,900 rpm |
| Displacement | 7.0 l / 427 in ³ |
| Design | 4 cylinder in-line engine, water-cooled, turbocharged, air-to-air intercooler |
| Injection system | Direct fuel injection, Common Rail, electronic control |
| Lubrication | Pressurised lube system, engine lubrication guaranteed for inclinations up to 45°, on all sides |
| Operating voltage | 24 V |
| Alternator | 140 A |
| Starter | 7.8 kW / 11 HP |
| Batteries | 2 x 180 Ah / 12 V |
| Air cleaner | Dry-type air cleaner with vacuum indicator and automatic dust filter system, main and safety elements |
| Cooling system | Combi radiator, comprising radiators for water, hydraulic fluid, charge air. Hydrostatic fan drive |



Hydraulics

| | |
|----------------------------|---|
| Hydraulic system | Load sensing (demand-controlled) |
| Pump type | Swash plate piston pump |
| Pump flow max. | 190 l/min. / 50.2 gpm / 41.8 Imp.gpm |
| Pressure limitation | 260 bar / 3,770 psi (6-way blade) 200 bar / 2,900 psi (Straight blade) |
| Control valve | 2 segments, expandable to 4 |
| Filter system | Return filter with magnetic rod in the hydraulic tank |
| Control | Single joystick for all blade functions |



Travel drive, control

| | |
|----------------------------|--|
| Transmission system | Infinitely variable hydrostatic travel drive, independent drive for each track |
| Travel speed* | Continuously variable |
| Speed range 1: | 0 - 6.5 km/h / 4.0 mph (forward & reverse) |
| Speed range 2: | 0 - 8.5 km/h / 5.3 mph (forward & reverse) |
| Speed range 3: | 0 - 11.0 km/h / 6.8 mph (forward & reverse) |
| | *Travel speed ranges can be set on the travel joystick (memory function) |
| Electronic control | The electronic system automatically adjusts travel speed and drawbar pull to match changing load conditions |
| Steering | Hydrostatic |
| Service brake | Hydrostatic (self-locking), wear-free |
| Parking brake | Multi-disk brake, wear-free, automatically applied with neutral joystick position |
| Cooling system | Hydraulic oil cooler integrated in combi radiator, hydrostatic fan drive |
| Filter system | Micro cartridge filters in replenishing circuit |
| Final drive | Combination spur gear with planetary gear, double-sealed (duo cone seals) with temperature control |
| Control | Proportional joystick for all travel and steering functions. Optional: detented joystick, with inching pedal |



Operator's cab

| | |
|-----------------------------|--|
| Cab | Resiliently mounted cab with positive pressure ventilation, can be tilted with hand pump 40° to the rear. With integrated ROPS Rollover Protective Structure (EN ISO 3471) and FOPS Falling Objects Protective Structure (EN ISO 3449) |
| Operator's seat | Air-suspended comfort seat, fully adjustable |
| Monitoring | Touch screen: display of current machine information, automatic monitoring of operating conditions. Individual setting of machine parameters |
| Vibration emission | |
| Hand / arm vibrations | < 2.5 m/s ² , according with ISO 5349-1:2001 |
| Whole-body vibrations | 0.24 - 1.31 m/s ² , complies with technical report ISO/TR 25398:2006 |
| Measuring inaccuracy | According with standard EN 12096:1997 |

Undercarriage

| | XL | LGP |
|-------------------------------------|--|--------------|
| Design | Undercarriage with rigid bottom rollers | |
| Mounting | Via separate pivot shafts and equalizer bar | |
| Track chains | Lubricated, single-grouser shoes, tensioning via a steel spring and grease tensioner | |
| Links, each side | 45 | 45 |
| Track rollers, each side | 7 | 7 |
| Carrier rollers, each side | 2 | 2 |
| Sprocket segments, each side | 6 | 6 |
| Track shoes, standard | 610 mm / 24" | 711 mm / 28" |
| | | 812 mm / 32" |
| Track shoes, optional | 560 mm / 22" | 914 mm / 36" |
| | | 965 mm / 38" |

Sound levels

| | |
|---|-----------|
| Operator sound exposure ISO 6396 | |
| L_{pA} (in the cab) | 75 dB(A) |
| Exterior sound pressure 2000/14/EC | |
| L_{WA} (to the environment) | 111 dB(A) |

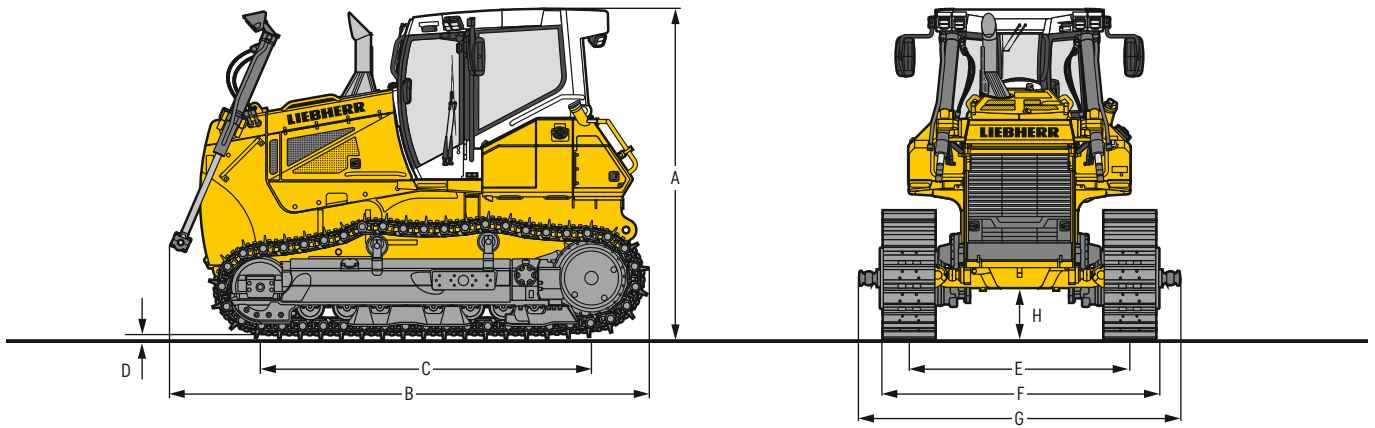
Refill capacities

| | |
|--|----------------------------------|
| Final drive XL (outside push frame), each side | 15 l / 4 gal / 3.3 Imp.gal |
| Final drive XL (inside push frame), each side | 22 l / 5.8 gal / 4.8 Imp.gal |
| Final drive LGP (outside push frame), each side | 26.5 l / 7 gal / 5.8 Imp.gal |
| Final drive LGP (inside push frame), each side | 30 l / 7.9 gal / 6.6 Imp.gal |
| Diesel Exhaust Fluid (DEF) tank | 45 l / 11.9 gal / 9.9 Imp.gal |
| Hydraulic tank | 111 l / 29.3 gal / 24.4 Imp.gal |
| Fuel tank | 430 l / 113.5 gal / 94.6 Imp.gal |
| Cooling system | 41 l / 10.8 gal / 9 Imp.gal |
| Engine oil, with filter | 29 l / 7.7 gal / 6.4 Imp.gal |

Drawbar pull

| | |
|------------------------------|--------|
| Max. | 314 kN |
| at 1.5 km/h / 0.9 mph | 277 kN |
| at 3.0 km/h / 1.9 mph | 164 kN |
| at 6.0 km/h / 3.7 mph | 82 kN |
| at 9.0 km/h / 5.6 mph | 55 kN |

Dimensions PR 736



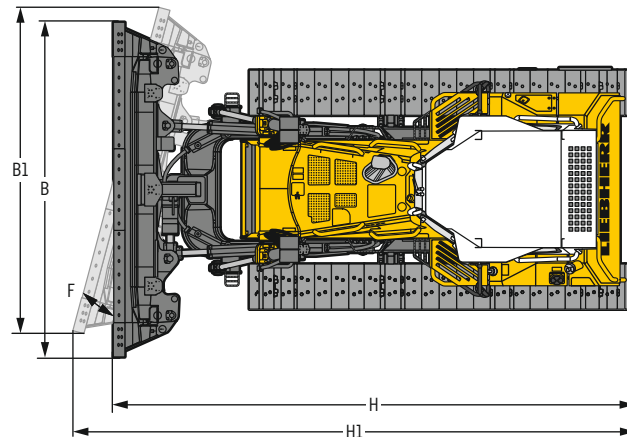
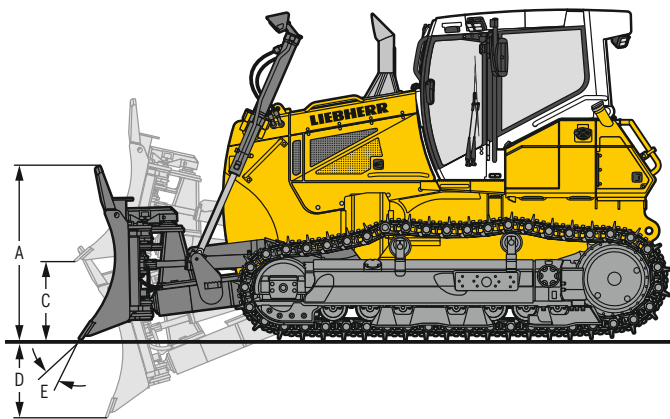
Dimensions

| Push frame | | inside | outside | inside | outside |
|---|------------|---------------------|-----------------|---------------------|-----------------|
| Undercarriage | | XL | XL | LGP | LGP |
| A Height over cab | mm | 3,253 ²⁾ | | 3,253 ²⁾ | |
| | ft in | 10'8" | | 10'8" | |
| B Overall length without attachments | mm | 4,428 | | 4,428 | |
| | ft in | 14'6" | | 14'6" | |
| C Length of track on ground | mm | 3,283 | | 3,283 | |
| | ft in | 10'9" | | 10'9" | |
| D Height of grousers | mm | 65 | | 65 | |
| | ft in | 2.5" | | 2.5" | |
| H Ground clearance | mm | 511 | | 511 | |
| | ft in | 1'8" | | 1'8" | |
| E Track gauge | mm | 2,180 | 1,830 | 2,290 / 2,390 | 2,180 |
| | ft in | 7'2" | 6'0" | 7'6" / 7'10" | 7'2" |
| G Width over trunnions | mm | - | 2,724 | - | 3,474 |
| | ft in | - | 8'11" | - | 11'5" |
| F Track shoes 560 mm / 22" | | | | | |
| Width over tracks | mm / ft in | 2,740 / 9' | 2,390 / 7'10" | - | - |
| Tractor shipping weight ¹⁾ | kg / lb | 18,321 / 40,391 | 18,396 / 40,556 | - | - |
| F Track shoes 610 mm / 24" | | | | | |
| Width over tracks | mm / ft in | 2,790 / 7'10" | 2,440 / 8'0" | - | - |
| Tractor shipping weight ¹⁾ | kg / lb | 18,460 / 40,697 | 18,535 / 40,863 | - | - |
| F Track shoes 711 mm / 28" | | | | | |
| Width over tracks | mm / ft in | - | - | 3,000 / 9'10" | - |
| Tractor shipping weight ¹⁾ | kg / lb | - | - | 18,759 / 41,356 | - |
| F Track shoes 812 mm / 32" | | | | | |
| Width over tracks | mm / ft in | - | - | 3,202 / 10'6" | 2,992 / 9'10" |
| Tractor shipping weight ¹⁾ | kg / lb | - | - | 19,038 / 41,972 | 19,281 / 42,507 |
| F Track shoes 914 mm / 36" | | | | | |
| Width over tracks | mm / ft in | - | - | - | 3,094 / 10'2" |
| Tractor shipping weight ¹⁾ | kg / lb | - | - | - | 19,577 / 43,160 |
| F Track shoes 965 mm / 38" | | | | | |
| Width over tracks | mm / ft in | - | - | - | 3,145 / 10'4" |
| Tractor shipping weight ¹⁾ | kg / lb | - | - | - | 19,729 / 43,495 |

¹⁾ Including coolant and lubricants, 20% fuel, ROPS / FOPS cab.

²⁾ Transport shipping height increases with optional equipment: Topcon 3D Grade +155 mm, preparation for Trimble & Leica +130 mm, amber beacon/beacon for back-up alarm +230 mm, dust filter overpressure system for cab +535 mm, protective cover for air conditioning condenser +170 mm, branch deflector (sweeps) +165 mm, other equipment on request.

Front attachments PR 736



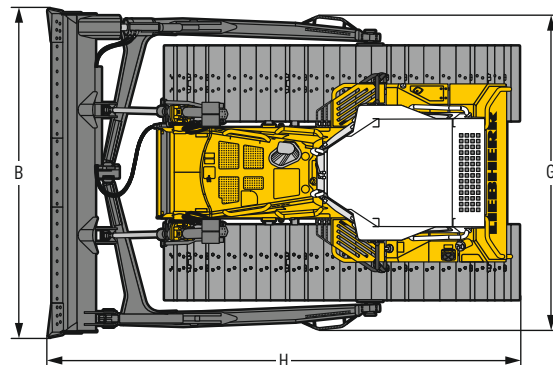
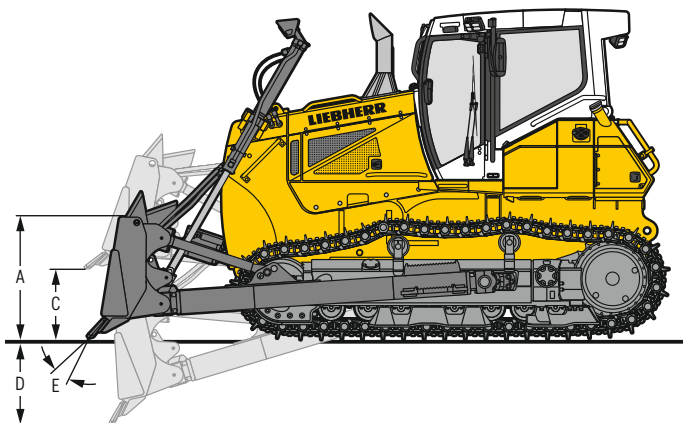
6-Way blade with inside mounted push frame

| | | 6-way blade XL | 6-way blade with hinged corner XL | 6-way blade LGP | 6-way blade with hinged corner LGP |
|---|--------------------------|-------------------|---|--------------------|--|
| Undercarriage | | | | | |
| Blade capacity, ISO 9246 | m ³ | 4.78 | 4.78 | 4.84 | 4.84 |
| | yd ³ | 6.25 | 6.25 | 6.33 | 6.33 |
| A Height of blade | mm | 1,350 | 1,350 | 1,250 | 1,250 |
| | ft in | 4'5" | 4'5" | 4'1" | 4'1" |
| B Width of blade | mm | 3,764 | 3,764 | 4,210 | 4,210 |
| | ft in | 12'4" | 12'4" | 13'10" | 13'10" |
| B1 Width of blade, angled | mm | 3,508 | 3,508 | 3,918 | 3,918 |
| | ft in | 11'6" | 11'6" | 12'10" | 12'10" |
| Transport width | mm | 3,469 | 2,990 | 3,876 | 3,000 ²⁾ |
| | ft in | 11'5" | 9'10" | 12'9" | 9'10" |
| C Lifting height | mm | 1,267 | 1,267 | 1,260 | 1,260 |
| | ft in | 4'2" | 4'2" | 4'1" | 3'11" |
| D Digging depth | mm | 665 | 665 | 661 | 661 |
| | ft in | 2'18" | 2'18" | 2'16" | 2'16" |
| E Blade pitch adjustment | | 5° | 5° | 5° | 5° |
| F Blade angle adjustment | | 23.3° | 23.3° | 23.3° | 23.3° |
| Max. blade tilt | mm | 479 | 479 | 536 | 536 |
| | ft in | 1'7" | 1'7" | 1'9" | 1'9" |
| H Overall length, blade straight | mm | 5,878 | 5,878 | 5,861 | 5,861 |
| | ft in | 19'3" | 19'3" | 19'3" | 19'3" |
| H1 Overall length, blade angled | mm | 6,567 | 6,567 | 6,640 | 6,640 |
| | ft in | 21'7" | 21'7" | 21'9" | 21'9" |
| F Track shoes 560 mm / 22" | | | | | |
| Operating weight ¹⁾ | kg / lb | 21,604 / 47,629 | 22,026 / 48,559 | — | — |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | 0.52 / 7.39 | 0.53 / 7.54 | — | — |
| F Track shoes 610 mm / 24" | | | | | |
| Operating weight ¹⁾ | kg / lb | 21,743 / 47,935 | 22,165 / 48,865 | — | — |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | 0.48 / 6.83 | 0.49 / 6.97 | — | — |
| F Track shoes 711 mm / 28" | | | | | |
| Operating weight ¹⁾ | kg / lb | — | — | 22,267 / 49,090 | 22,761 / 50,179 |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | — | — | 0.43 / 6.12 | 0.43 / 6.12 |
| F Track shoes 812 mm / 32" | | | | | |
| Operating weight ¹⁾ | kg / lb | — | — | 22,546 / 49,705 | 23,040 / 50,794 |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | — | — | 0.38 / 5.40 | 0.39 / 5.55 |

¹⁾ Including coolant and lubricants, 100% fuel, ROPS / FOPS cab, operator, 6-way blade.

²⁾ Transport width 3,000 mm with 711 mm (28") track pads. Transport width 3,202 mm with 812 mm (32") track pads.

Front attachments PR 736



Semi-U blade and straight blade

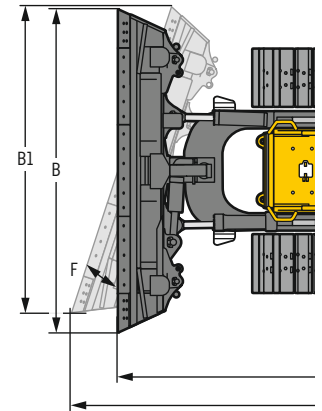
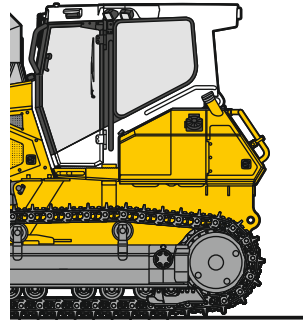
| | | Semi-U blade | Straight blade |
|---|--------------------------|-----------------|-----------------|
| Undercarriage | | XL | LGP |
| Blade capacity, ISO 9246 | m ³ | 5.56 | 4.10 |
| | yd ³ | 7.27 | 5.36 |
| A Height of blade | mm | 1,400 | 1,150 |
| | ft in | 4'7" | 3'9" |
| B Width of blade | mm | 3,372 | 3,995 |
| | ft in | 11'1" | 13'1" |
| C Lifting height | mm | 1,216 | 1,225 |
| | ft in | 4' | 4' |
| D Digging depth | mm | 511 | 516 |
| | ft in | 1'67" | 1'69" |
| E Blade pitch adjustment | | 10° | |
| Max. blade tilt | mm | 432 | 395 |
| | ft in | 1'5" | 1'4" |
| G Width over push frame | mm | 3,086 | 3,836 |
| | ft in | 10'1" | 12'7" |
| H Overall length | mm | 5,968 | 5,758 |
| | ft in | 19'7" | 18'11" |
| F Track shoes 560 mm / 22" | | | |
| Operating weight ¹⁾ | kg / lb | 21,165 / 46,661 | |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | 0.51 / 7.25 | – |
| F Track shoes 610 mm / 24" | | | |
| Operating weight ¹⁾ | kg / lb | 21,306 / 46,972 | |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | 0.47 / 6.68 | – |
| F Track shoes 812 mm / 32" | | | |
| Operating weight ¹⁾ | kg / lb | | 22,536 / 49,683 |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | – | 0.38 / 5.40 |
| F Track shoes 914 mm / 36" | | | |
| Operating weight ¹⁾ | kg / lb | | 22,832 / 50,336 |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | – | 0.34 / 4.84 |
| F Track shoes 965 mm / 38" | | | |
| Operating weight ¹⁾ | kg / lb | | 22,984 / 50,671 |
| Ground pressure, ISO16754 ¹⁾ | kg/cm ² / psi | – | 0.32 / 4.55 |

¹⁾ Including coolant and lubricants, 100% fuel, ROPS/FOPS cab, operator, semi-U or straight blade.

Rear attachments PR 736

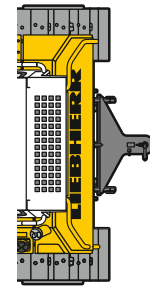
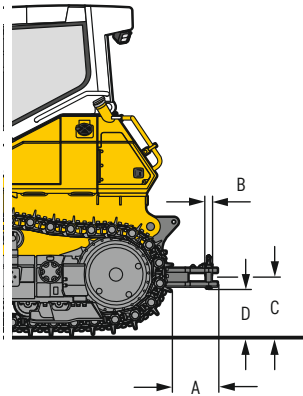
3-Shank ripper

| | | |
|---|-------|-------------|
| A Ripping depth (max. / min.) | mm | 449 / 299 |
| | ft in | 1'5" / 1' |
| B Lifting height (max. / min.) | mm | 738 / 588 |
| | ft in | 2'4" / 1'9" |
| C Additional length, attachment raised | mm | 1,138 |
| | ft in | 3'9" |
| D Additional length, attachment lowered | mm | 1,469 |
| | ft in | 4'10" |
| E Overall beam width | mm | 2,320 |
| | ft in | 7'7" |
| F Distance between shanks | mm | 1,000 |
| | ft in | 3'3" |
| Max. pitch adjustment | | - |
| Weight | kg | 1,920 |
| | lb | 4,233 |



Drawbar

| | | |
|-----------------------|-------|--------------|
| | | rigid |
| A Additional length | mm | 436 |
| | ft in | 1'5" |
| B Socket pin diameter | mm | 50 |
| | ft in | 1.97" |
| C Height of jaw | mm | 580 |
| | ft in | 1'9" |
| D Ground clearance | mm | 492 |
| | ft in | 1'6" |
| Jaw opening | mm | 95 |
| | ft in | 3.74" |
| Weight | kg | 280 |
| | lb | 617 |



Equipment



Base machine

| | PR 716 | PR 726 | PR 736 |
|---|--------|--------|--------|
| Additional handle on fuel tank | + | + | + |
| Air filter with automatic dust ejector | - | • | • |
| Air filter, dry type, dual step, with pre-filter | • | • | • |
| Air pre-cleaner Sy-Klone | - | + | + |
| Air pre-cleaner Top Air | - | + | + |
| Auto Idle | + | + | + |
| Automatic blade stabilization + inclination control | • | • | • |
| Automatic engine shut-off | + | + | + |
| Battery compartment, lockable | • | • | • |
| Coal arrangement | 1) | 1) | + |
| Cold environment arrangement | 1) | 1) | + |
| Cooling fan front, tilt-out | • | • | • |
| Cooling fan, hydraulically driven | • | • | • |
| Cooling fan, reversible | + | + | + |
| Diesel Exhaust Fluid (DEF) tank, lockable | • | • | • |
| Engine compartment doors, lockable | • | • | • |
| Engine compartment lighting | + | + | • |
| Forestry arrangement | 1) | 1) | + |
| Fuel pre-filter | • | • | • |
| Fuel pre-filter, with electric heater | + | • | + |
| Fuel water separator | • | + | • |
| Fuel water separator, with electric heater | - | - | + |
| Grade control ready kit | + | + | + |
| Landfill arrangement | - | - | + |
| LiDAT – Data transmission system | • | • | • |
| Liebherr diesel engine emission stage V / Tier 4f | • | • | • |
| Liebherr hydraulic oil, biologically degradable | + | + | + |
| Radiator guard, hinged | • | • | • |
| Radiator, wide-meshed | • | • | • |
| Refuelling pump, electric | + | + | + |
| Roof mounted grading system | + | + | + |
| Spade with mounting bracket | + | + | + |
| Special paint scheme | + | + | + |
| Tool kit, basic | • | • | • |
| Tool kit, extended | + | + | + |
| Towing hitch rear | • | • | • |
| Towing lug front | - | - | • |
| Woodchip arrangement | - | - | + |



Hydraulics system

| | PR 716 | PR 726 | PR 736 |
|---|--------|--------|--------|
| Automatic lifting of the ripper into the parking position | • | • | • |
| Blade float function | • | • | • |
| Blade quick drop function | • | • | • |
| Blade shake feature | • | • | • |
| Electronic control of working hydraulics | • | + | • |
| Hydraulic kit for ripper | + | + | + |
| Hydraulic kit for winch | + | • | + |
| Oil filter in hydraulic tank | • | • | • |
| Variable flow pump, load-sensing | - | - | • |



Travel drive

| | PR 716 | PR 726 | PR 736 |
|-------------------------------------|--------|--------|--------|
| Emergency stop | • | • | • |
| Final drives planetary gear | • | • | • |
| Inching brake pedal | + | + | + |
| Load limit control, electronic | • | • | • |
| Machine-release switch | - | - | • |
| Parking brake, automatic | • | • | • |
| Seat contact switch | • | • | • |
| Travel control, 3 speed ranges | • | • | • |
| Travel drive joystick, detented | + | + | + |
| Travel drive joystick, proportional | • | • | • |
| Travel drive, hydrostatic | • | • | • |



Operator's cab

| | PR 716 | PR 726 | PR 736 |
|--|--------|--------|--------|
| Access and exit step lighting | • | • | • |
| Air-conditioner | • | • | - |
| Armrests 3D adjustable | • | • | • |
| Automatic climate control | • | - | • |
| Cab heating | • | • | • |
| Coat hook | • | • | • |
| Dome light LED | • | • | • |
| Dust filter system pressurised | + | + | + |
| Extension of cab door footstep | - | + | + |
| Fire extinguisher | + | + | + |
| Footrest on the right side of the front console | + | + | + |
| Joysticks, longitudinally adjustable | + | • | • |
| Noise-absorbing cab mounts | • | • | • |
| Operator's seat Comfort, air-suspended | • | + | • |
| Operator's seat Premium, air-suspended | + | • | + |
| Pressurised cab | • | + | • |
| Protective grid for rear window | + | + | + |
| Radio | + | + | + |
| Radio preparation kit | + | + | + |
| Rear-view camera | + | + | + |
| Rear-view mirror, inside | + | • | • |
| Rear-view mirrors, external | • | + | + |
| ROPS / FOPS integrated | + | • | • |
| Safety glass | • | • | • |
| Sliding window left | • | + | + |
| Sliding window right | + | + | + |
| Socket 12 V + 24 V | + | • | • |
| Storage nets | • | + | + |
| Stowage compartment, air-conditioned | + | • | • |
| Sun visor, front | • | + | + |
| Tilttable cab | + | • | • |
| Touch-controlled colour display | • | • | • |
| Warm water heating | • | + | + |
| Windshield washer system | • | • | • |
| Windshield wipers front, rear, doors, with intermittent function | • | • | • |


• = Standard


+ = Option


- = not available


1) on demand at your dealer

Equipment

|  Electrical system | PR 716 | PR 726 | PR 736 |
|--|--------|--------|--------|
| 1 additional working light on each lift cylinder | - | - | ● |
| 1 additional working light on each lift cylinder | - | - | + |
| 2 additional working light on the cab, rear | + | + | + |
| 2 batteries cold start | ● | ● | ● |
| 2 working lights on the cab, rear | ● | ● | ● |
| 4 working light on the cab, front | ● | ● | ● |
| All working lights in LED version | + | + | + |
| Back-up alarm with broadband signal | + | + | + |
| Back-up alarm with broadband signal and visual | ● | + | + |
| Back-up alarm, acoustic | + | + | ● |
| Back-up alarm, acoustic and visual | + | + | + |
| Battery main switch | + | + | ● |
| Battery main switch, lockable | ● | ● | + |
| Beacon | + | + | + |
| Horn | ● | ● | ● |
| Immobiliser, electronic | + | + | + |
| On-board voltage 24 V | ● | ● | ● |

|  Undercarriage | PR 716 | PR 726 | PR 736 |
|--|--------|--------|--------|
| Master link, two-piece | ● | ● | ● |
| Sprocket segments with recesses | ● | + | + |
| Sprocket segments, bolted | ● | ● | ● |
| Track frame, closed | - | ● | ● |
| Track guard, full length | + | + | + |
| Track guide centre part | + | + | + |
| Track guide, front and rear | ● | ● | ● |
| Track pads with mud holes ²⁾ | + | + | + |
| Track shoes, heavy duty | - | - | ⌋ |
| Track shoes, moderate service | ● | ● | ● |
| Tracks, oil-lubricated | ● | ● | ● |
| Undercarriage LGP | + | + | + |
| Undercarriage with rigid bottom rollers | ● | ● | ● |
| Undercarriage with rotary bushings FTB ²⁾ | + | + | + |
| Undercarriage XL | + | + | ● |

|  Attachments front | PR 716 | PR 726 | PR 736 |
|--|--------|--------|--------|
| 6-way blade | + | + | + |
| 6-way blade with hinged corners | + | + | + |
| Blade pitch adjustment | + | - | - |
| Guards for hydraulic cylinders, 6-way blade | - | + | + |
| Mechanical angle blade | - | - | + |
| Semi-U blade | - | - | + |
| Side wings for 6-way blade, bolt-on | + | + | + |
| Side wings for straight blade, bolt-on | - | - | + |
| Spill plate | + | + | + |
| Straight blade | - | - | + |
| Trash rack | - | + | + |
| U blade | - | - | ⌋ |
| Wear plates on push frame | - | - | + |
| Wear plates on semi-U blade | - | - | + |

|  Attachments rear | PR 716 | PR 726 | PR 736 |
|---|--------|--------|--------|
| Counterweight, rear (2,000 kg / 4,409 lb) | + | + | + |
| Drawbar rear, rigid | + | + | + |
| Mounting plate for third-party equipment | + | + | + |
| Ripper, 1 shank | - | - | + |
| Ripper, 3 shank | + | + | + |
| Ripper, 5 shank | + | + | - |
| Trailer hitch on rear ripper | + | + | - |
| Winch | + | + | + |

● = Standard

+ = Option

- = not available

¹⁾ on demand at your dealer

²⁾ available track shoes on demand at your dealer

Options and/or special attachments, supplied by vendors other than Liebherr, are only to be installed with the knowledge and approval of Liebherr in order to retain warranty.

The Liebherr Group



Global and independent: more than 70 years of success

Liebherr was founded in 1949 when, with the development of the world's first mobile tower crane, Hans Liebherr laid the foundations for a family business now employing nearly 51,000 people and comprising over 140 companies across every continent.

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Liebherr is a pioneer and its forward-looking approach has seen it make important contributions to technology history over a wide variety of industries. Employees throughout the world continue to share the courage of the founder, sharing a passion to produce innovative products and a determination to provide world-leading equipment and machinery.

Diversified portfolio

The company is one of the world's biggest construction equipment manufacturers and provides high-quality, user-oriented products and services to sectors including: earthmoving, material handling, deep foundations, mining, mobile and crawler cranes, tower cranes, concrete production and distribution, maritime cranes, aerospace and transportation, gear technology and automation, refrigeration and freezing, components and hotels.

Customised care

Liebherr solutions are characterised by precision, implementation and longevity. The company is committed to technological excellence and to providing customers with solutions that match their needs exactly. That customer focus does not end with delivery of a product but continues through a comprehensive range of back-up and support services.

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WARNING

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65warnings.ca.gov/diesel.

WARNING

This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to www.P65warnings.ca.gov.