

# Crawler Tractor

## **PR 726** Litronic®

Operating Weight:  
**16,500 – 20,000 kg**  
**36,590 – 44,090 lb**

Engine Output

SAE J1349  
**120 kW / 161 HP**

ISO 9249  
**120 kW / 163 HP**

**Tier 4f**

**EU Stage IV**



# LIEBHERR

## PR 726 Litronic

### Engine (ISO 9249):

120 kW/163 HP  
Tier 4f/EU Stage IV

### Engine (SAE J1349):

120 kW/161 HP  
Tier 4f/EU Stage IV

### Operating weight:

16,500 – 20,000 kg  
36,590 – 44,090 lb

### Blade capacity:

3.7 – 4.27 m<sup>3</sup>  
4.8 – 5.6 yd<sup>3</sup>

### Hydrostatic travel drive

with electronic control unit

## Performance

Outstanding grading and  
pushing performance



## Efficiency

Cost efficiency comes standard

## Reliability

Robust design in every regard

## Comfort

Ample space, ergonomics and comfort – All in one

## Maintainability

Simple maintenance and an extensive service network



# Performance



## Outstanding grading and pushing performance

Power and innovative technology are the hallmarks of Liebherr crawler tractors. Whether for precision grading or heavy pushing, the PR 726 is a powerful machine for any application.

## High productivity

### Powerful engines...

Liebherr diesel engines are designed for the harsh conditions of construction sites and provide the right amount of power in every situation. Depending on the job requirements different operating modes are available for maximum power or fuel-saving operation.

### ... and an intelligent drive system

The hydrostatic travel drive operates smoothly and automatically adjusts the working speed to the load conditions. The engine's power is always transmitted to both tracks without interruption. This permits exact and powerful steering; track slip is minimized and operators can concentrate completely on their work.

### Safe on every terrain

The drive components have been placed to provide a very low centre of gravity while ensuring maximum ground clearance. This allows for safe operation on the most challenging of steep slopes and embankments, especially in conjunction with the wide LGP undercarriage.

## Precise control

### Excellent maneuverability

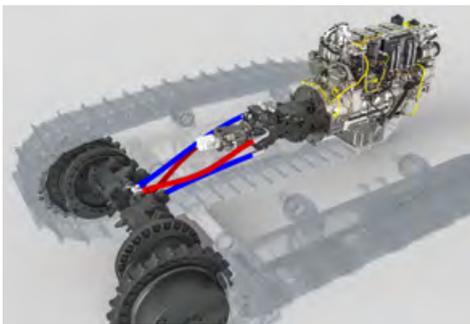
When working in tight areas, the hydrostatic travel drive offers an additional benefit. All steering motions – including turning on the spot – are fast and effortless. This makes the PR 726 an exceptionally maneuverable machine, on large and small construction sites.

### Outstanding grading attributes

Crawler tractors in the compact-size class must provide maximum versatility. The PR 726 delivers an exceptionally smooth ride, precise blade control and perfect view of the blade. This ensures maximum productivity both when pushing heavy material and when fine-grading.

### Automatic machine control

2-D or 3-D machine control is becoming increasingly indispensable to enhancing the productivity of the operator and machine. Thanks to their stepless drive concept, Liebherr crawler tractors are ideal for this type of control. To make implementation simple and problem-free, the PR 726 can be fitted with factory-installed preparation kits for grade control systems of all renowned suppliers.



### Liebherr-Hydrostatic drive

- Automatic speed and torque adjustment optimizes transmission of engine power to the tracks as the load changes. This results in maximum traction and minimum track slip.
- The high efficiency of the hydrostatic drive is available over the entire speed range.

### Intelligent engine control

- The electronic control management system monitors the load condition on the machine and the operator commands to adjust the drive train accordingly.
- On-demand power boost assures adequate power reserves, even under the most difficult working conditions.

### 2D and 3D grade control technologies

- Liebherr grade control-ready kits provide customers with freedom to choose the optimum system. Laser as well as GNSS control or total station systems can be used on the same machine.
- The PR 726 can therefore be easily adapted to specific project requirements.

# Efficiency



## Cost efficiency comes standard

Liebherr crawler tractors are designed from the ground up with economy in mind. Highly efficient drive concept, long service life of components and low maintenance requirements reduce operating costs and increase profits.

## Unrivalled economy

### The latest engine and exhaust technology

The newest generation of Liebherr diesel engines comply with Stage IV/Tier 4 final emission standards utilizing SCR technology. The exhaust gas undergoes selective catalytic reduction through injection of urea (DEF, AdBlue®). A diesel particulate filter is not required. As a result, the engine operates in a temperature range of maximum efficiency. The constant, low engine speed, in combination with common rail injection, ensures optimized cylinder charging and, in turn, even more efficient fuel combustion.

### Highly efficient driveline

The high efficiency of the hydrostatic drive extends over almost the entire speed range. The engine's power is transmitted with minimum loss and fuel consumption is further reduced.

### Lower CO<sub>2</sub> emissions

With exhaust emission values that comply with the most stringent legislation and even provide greater fuel economy than that of previous models, Liebherr Generation 6 crawler dozers set new standards by minimizing their environmental impact.

## Optimized for every job

### A variety of track options

Thanks to the various undercarriage sizes and track shoe options offered, the PR 726 can be ideally configured for specific operation conditions – no matter if in rocky terrain, on steep slopes or on soft ground.

### Undercarriage with rotary bushings

As the perfect feature when working on very abrasive ground, Liebherr offers tracks with free-turning bushings (FTB). The large, rotating bushings minimise track and sprocket wear; in addition, chain links and rollers have even more wear material. This extends the service life of the entire undercarriage considerably in these specific applications.

### Equipment for special applications

Applications such as handling of coal, wood chips or waste place enormous demands on crawler tractors. Custom equipment configurations ensure maximum efficiency and a long service life of the PR 726 even under these harsh working conditions.



### Eco-Mode

- The Eco-Mode reduces the engine speed at the push of a button lowering fuel consumption even further. Ideal for light- and medium-duty applications.
- Additional functions such as Auto-idle or as Auto-engine shutdown, increase economy in daily operation.

### Universal 6-way blade

- Spreading material, filling up trenches, building embankments or final grading: the 6-way blade makes the PR 726 a machine with universal working capabilities.
- The optional blade with hinged corners limits the transport width to 10 feet (3 meters), thus transporting the machine is fast and inexpensive.

### Always informed with LiDAT

- The Liebherr LiDAT data transmission and positioning system contributes to effective fleet management.
- Utilizing the latest communication technology, LiDAT provides comprehensive operational data, for efficient machine management, optimization of resources, and remote monitoring.

# Reliability



## Robust design in every regard

Today's construction sites require machines with maximum versatility and ruggedness. The PR 726 meets these demands perfectly thanks to components designed specifically for construction machinery, proven technology and innovative customer-specific solutions, you can expect maximum availability.

## Liebherr driveline

### Long-lasting engines

Diesel engines from Liebherr have powered construction machinery around the world for decades. Developed for the harshest operating conditions their rugged construction and low nominal operating speed guarantee maximum reliability and a long service life.

### Wear-free drive concept

The proven Liebherr hydrostatic travel drive does not need components such as a torque converter, manual gearbox, differential steering or steering clutches. The high-quality hydraulic pumps and motors operate reliably and practically without wear.

### Long-lasting final drives

The large final drives used in the PR 726 are extremely robust and designed for the heaviest loads. Double mechanical seals with monitoring for leaks ensure reliable operation.

## Rugged design

### Main frame with a proven box-section design

The main frame is constructed using a proven box-section design, which provides maximum torsional stiffness and optimal absorption of forces. Cast steel is used for components subjects to high stress.

### Optimized equipment

The work tools on the PR 726 are designed for the most strenuous applications. All blades are manufactured from high-strength steel. Heavy-duty push frames offer maximum strength and precise blade control. Maintenance-free blade connections on the outside push frames minimize the time and cost involved in service work.

### An intelligent cooling system

Hydraulically driven fans are activated as needed to regulate the operating temperature independently of the engine's speed. This guarantees short warm-up times and reliable cooling – even in extremely dusty surroundings. For especially critical operating conditions, a fan that reverses automatically can be provided.



### From the screen to the construction site

- Optimized layout: at the development stage components are designed with state-of-the-art software tools.
- Extensive test bench runs are the next important step in the development process.
- Long-term field tests under rigorous conditions ensure maximum machine availability.

### Key technologies from Liebherr

- Liebherr has decades of experience in developing, designing and manufacturing components and, as a result, offers maximum reliability.
- Important key components such as diesel engines, hydraulic cylinders, final drives and electronics are manufactured in our own facilities, optimized for combined operation and representing the highest quality.

### Optimized track components

- The PR 726 features larger sprockets to ensure maximum wear resistance.
- The track tensioner is fully encapsulated and, as a result, ideally protected from external material.
- As a further measure, the temperature of the final drives is constantly monitored for increased machine reliability.

# Comfort



## Comfort, space and ergonomics: All in one

The completely redesigned working environment offers exceptional operator comfort. With its generous space, ergonomic layout and low sound levels, the Liebherr comfort cab provides the perfect conditions for fatigue-free and focused work.

## Deluxe cab

### Ergonomic and purposely designed

The well-thought-out design of the operator's cab provides the essential conditions for relaxed and productive work. All instruments and operating controls are carefully organized for easy reach. An unobstructed view of the work equipment and perfect all-round visibility allows the operator to concentrate fully on the task at hand.

### Convenience in daily use

Well thought-out solutions, such as a cooled storage compartment, additional footrests, 3D armrest adjustment and a powerful air conditioning system enhance operator comfort and productivity during daily operation.

### Quiet and dust-free

Thanks to effective sound insulation and modern, low-noise diesel engines, the PR 726 feature extremely low noise levels that lie well below the legal limits. The pressurized cab keeps the operator's environment free of dust from the surroundings.

## Simple and intuitive operation

### Single-lever control

All driving functions can be controlled smoothly and precisely with only one operating lever – including the "turning on the spot" function. The travel joystick is optionally available in either a proportional or a detented version – this allows control to be matched optimally to the needs of the operator.

### Safety-Plus comfort seat

The standard air-sprung seat adjusts perfectly to the operator and deactivates the machine automatically on exiting the cab.

### The hydrostatic drive as service brake

The crawler tractor operates with continuous power on both tracks even when driving on slopes. Thanks to the self-locking nature of the hydrostatic drive system, the operator can bring the machine to a stop at any time simply by returning the joystick to the "neutral" position – or by depressing the inching pedal. An automatically activated parking brake provides additional safety.



### Individual set-up

- The intuitive touch-controlled screen conveniently displays all important operating data.
- At the push of a button, the operator can adjust a wide variety of machine settings – for example, the response of the travel drive precisely to his needs.

### Intuitive control

- The new ergonomically shaped joysticks provide the operator with a relaxed, fatigue-free hand posture.
- 3 speeds can be programmed individually.
- In addition, an inching pedal is available. It can be operated with or without lowering the engine speed – perfect customization for the operator.

### Unrivalled visibility

- Additional safety features such as larger panoramic windows, downward-sloping edges all-round and the integrated ROPS/FOPS protection give the operator unmatched all-round visibility.
- Greater productivity thanks to a higher seat position, wider doors and optimized engine covers, the operator always has an excellent view of the work equipment.

# Maintainability



## Simple maintenance and an extensive service network

Thanks to their minimal maintenance requirements, Liebherr crawler tractors make a reliable contribution to your economic success. A dense service network means short distances and fast response times for the user.

## Cost-effective maintenance

### Simple daily checks

All items that the operator checks during daily routine inspections are readily accessible on one side of the engine. The hydraulically tilted cab provides easy access to components as well. Service work can be performed quickly and efficiently.

### Long maintenance intervals

Perfectly matched components and lubricants allow for exceptionally long maintenance intervals, e.g. up to 2,000 operating hours for the diesel engine. Hydraulic oil change intervals of up to 8,100 operating hours save costs and minimise downtime.

## Optimal planning

### Planned costs

Liebherr crawler dozers come with extensive standard warranties for the entire machine and the drive train. Customized inspection and service programs allow optimal planning of all maintenance activities.

### Remanufacturing

The Liebherr remanufacturing program offers cost-effective reconditioning of components to the highest quality standards. Various reconditioning levels are available: Replacement components, general overhaul or repair. The customer receives components with original part quality at a reduced cost.

## The focus is on the customer

### Professional advice and service

Professional advice is given at Liebherr. Experienced specialists provide decision-guidance for your specific requirements: application-oriented sales support, service agreements, value-priced repair alternatives, original parts management, as well as LiDAT remote data transmission for machine planning and fleet management.

### Continuous dialogue with users

We utilise the expert knowledge and practical experience of our customers to consistently optimize our machines and services – real solutions for real situations.



### Easy access

- All service points are centrally located and easily accessible. Thanks to wide-opening access doors, routine inspection of the machine is easily performed.
- The lube point for the oscillating bar bearing is located very conveniently in the engine compartment.
- Optional lighting in the engine area makes maintenance and service work easy.

### Tilt-out cooling fan

- In especially dusty applications, the swing-out fan of the PR 726 simplifies the cleaning of the cooling system.
- The radiator grille requires no tools to open.

### Expedited spare parts service

- 24-hour delivery: spare parts service is available for our dealers around the clock.
- Electronic spare parts catalogue: fast and reliable selection and ordering via the Liebherr online portal.
- With online tracking, the current processing status of your order can be viewed at any time.

# Technical Data



## Engine

<b>Liebherr Diesel engine</b>	D 934 A7 Emission regulations according to 97/68/EC, 2004/26/EC Stage IV, EPA/CARB Tier 4f
<b>Rated power (net)</b>	
<b>ISO 9249</b>	120 kW/163 HP
<b>SAE J1349</b>	120 kW/161 HP
<b>Maximum power (net)</b>	
<b>ISO 9249</b>	140 kW/190 HP
<b>SAE J1349</b>	140 kW/188 HP
<b>Rated speed</b>	2,000 rpm
<b>Displacement</b>	7 l/427 in <sup>3</sup>
<b>Design</b>	4 cylinder in-line engine, water-cooled, turbocharged, air-to-air intercooler
<b>Injection system</b>	Direct fuel injection, Common Rail, electronic control
<b>Lubrication</b>	Pressurised lube system, engine lubrication guaranteed for inclinations up to 45°, on all sides
<b>Operating voltage</b>	24 V
<b>Alternator</b>	140 A
<b>Starter</b>	7.8 kW/11 HP
<b>Batteries</b>	2 x 180 Ah/12 V
<b>Air cleaner</b>	Dry-type air cleaner with pre-cleaner, main and safety elements, control light in the operator's cab
<b>Cooling system</b>	Combi radiator, comprising radiators for water, hydraulic fluid and charge air. Hydrostatic fan drive



## Hydraulics

<b>Hydraulic system</b>	Load sensing (demand-controlled)
<b>Pump type</b>	Swash plate piston pump
<b>Pump flow max.</b>	148 l/min./39.1 gpm
<b>Pressure limitation</b>	200 bar/2,900 psi
<b>Control valve</b>	2 segments, expandable to 4
<b>Filter system</b>	Return filter with magnetic rod in the hydraulic tank
<b>Control</b>	Single joystick for all blade functions



## Travel Drive, Control

<b>Transmission system</b>	Infinitely variable hydrostatic travel drive, independent drive for each track
<b>Travel speed*</b>	Continuously variable
Speed range 1 (reverse):	0 – 4.0 km/h/2.5 mph (4.5 km/h/2.8 mph)
Speed range 2 (reverse):	0 – 6.0 km/h/3.7 mph (8.0 km/h/4.9 mph)
Speed range 3 (reverse):	0 – 11.0 km/h/6.8 mph (11.0 km/h/6.8 mph)
	* Travel speed ranges can be set on the travel joystick (memory function)
<b>Electronic control</b>	The electronic system automatically adjusts travel speed and drawbar pull to match changing load conditions
<b>Steering</b>	Hydrostatic
<b>Service brake</b>	Hydrostatic (self-locking), wear-free
<b>Parking brake</b>	Multi-disk brake, wear-free, automatically applied with neutral joystick position
<b>Cooling system</b>	Hydraulic oil cooler integrated in combi radiator, hydrostatic fan drive
<b>Filter system</b>	Micro cartridge filters in replenishing circuit
<b>Final drive</b>	Combination spur gear with planetary gear, double-sealed (duo cone seals), temperature controlled
<b>Control</b>	Single joystick for all travel and steering functions



## Operator's Cab

<b>Cab</b>	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)
<b>Operator's seat</b>	Air-suspended comfort seat, fully adjustable
<b>Monitoring</b>	Touch screen: display of current machine information, automatic monitoring of operating conditions. Individual setting of machine parameters

## Undercarriage

	<b>XL</b>	<b>LGP</b>
<b>Design</b>	Undercarriage with rigid bottom rollers	
<b>Mounting</b>	Via separate pivot shafts and equalizer bar	
<b>Track chains</b>	Lubricated, single-grouser shoes, tensioning via a steel spring and grease tensioner	
<b>Links, each side</b>	46	46
<b>Track rollers, each side</b>	8	8
<b>Carrier rollers, each side</b>	2	2
<b>Sprocket segments, each side</b>	6	6
<b>Track shoes, standard</b>	610 mm / 24"	812 mm / 32"
<b>Track shoes, optional</b>	560 mm / 22"	914 mm / 36"



## Sound Emissions

<b>Operator sound exposure ISO 6396</b>	$L_{pA} = 75$ dB(A) (in the cab)
<b>Exterior sound pressure 2000/14/EC</b>	$L_{WA} = 110$ dB(A) (to the environment)



## Refill Capacities

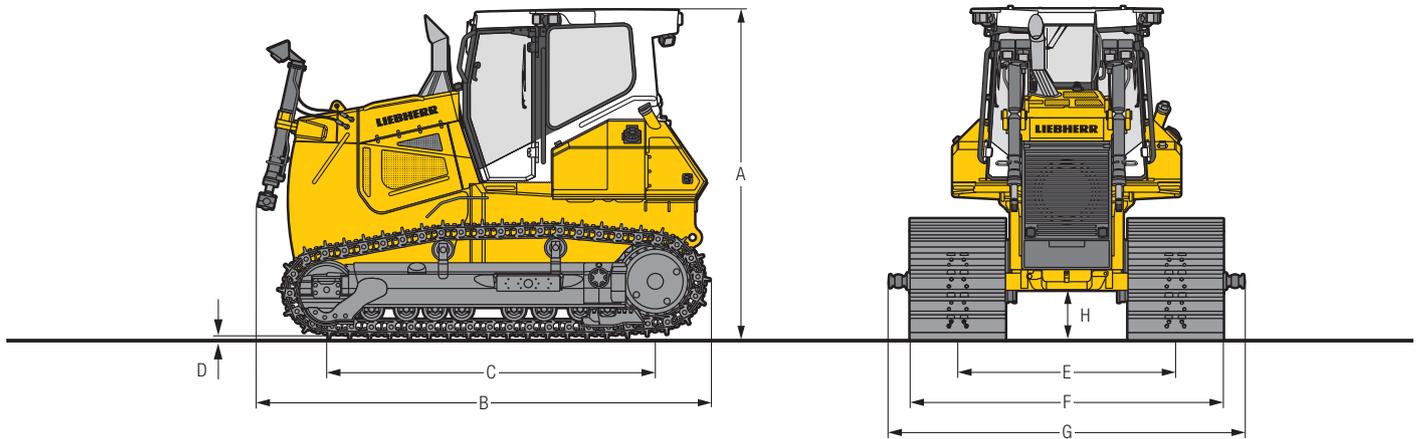
<b>Fuel tank</b>	430 l / 113.6 gal
<b>Diesel Exhaust Fluid (DEF) tank</b>	50 l / 13.2 gal
<b>Cooling system</b>	41 l / 10.8 gal
<b>Engine oil, with filter</b>	29 l / 7.7 gal
<b>Hydraulic tank</b>	111 l / 29.3 gal
<b>Final drive XL, each side</b>	16 l / 4.2 gal
<b>Final drive LGP, each side</b>	22.5 l / 5.9 gal



## Drawbar Pull

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

# Dimensions

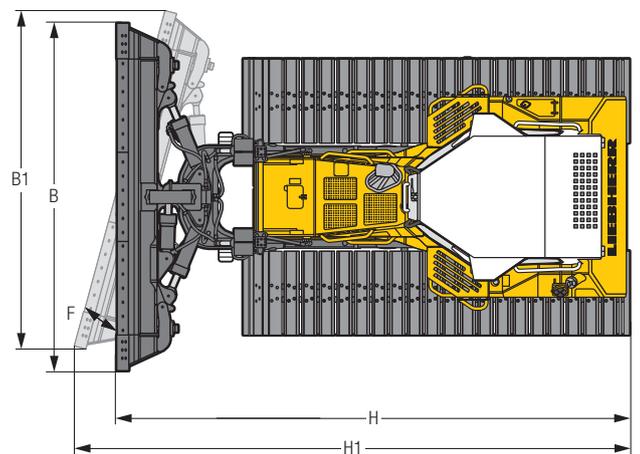
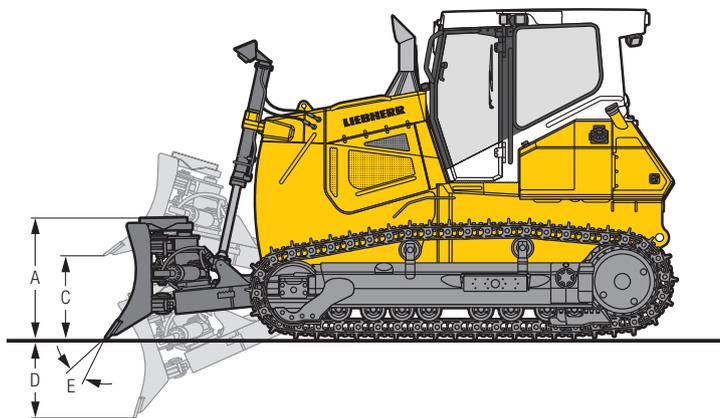


## Dimensions

Undercarriage			XL	LGP
<b>A</b> Height over cab	mm		3,149	3,149
	ft in		10'4"	10'4"
<b>B</b> Overall length without attachments	mm		4,180	4,180
	ft in		13'9"	13'9"
<b>C</b> Length of track on ground	mm		3,168	3,168
	ft in		10'5"	10'5"
<b>D</b> Height of grousers	mm		56	56
	in		2.2"	2.2"
<b>H</b> Ground clearance	mm		429	429
	ft in		1'5"	1'5"
<b>E</b> Track gauge	mm		1,800	2,084
	ft in		5'11"	6'10"
<b>G</b> Width over trunnions	mm		2,648	3,248
	ft in		8'8"	10'8"
<b>F</b> Track shoes 560 mm / 22"	Width over tracks	mm / ft in	2,360 / 7'9"	–
	Tractor shipping weight <sup>1)</sup>	kg / lb	14,430 / 31,813	–
<b>F</b> Track shoes 610 mm / 24"	Width over tracks	mm / ft in	2,410 / 7'11"	–
	Tractor shipping weight <sup>1)</sup>	kg / lb	14,570 / 32,121	–
<b>F</b> Track shoes 812 mm / 32"	Width over tracks	mm / ft in	–	2,896 / 9'6"
	Tractor shipping weight <sup>1)</sup>	kg / lb	–	15,342 / 33,823
<b>F</b> Track shoes 914 mm / 36"	Width over tracks	mm / ft in	–	2,998 / 9'10"
	Tractor shipping weight <sup>1)</sup>	kg / lb	–	15,623 / 34,443

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

# Front Attachments

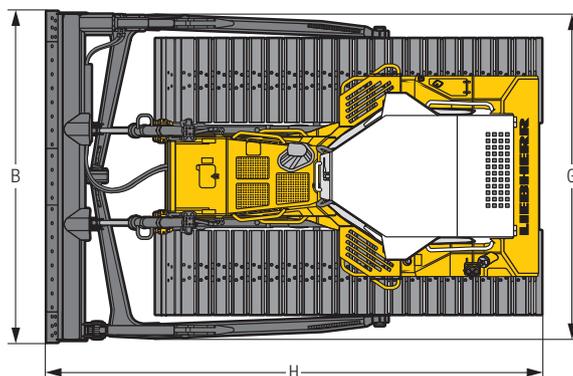
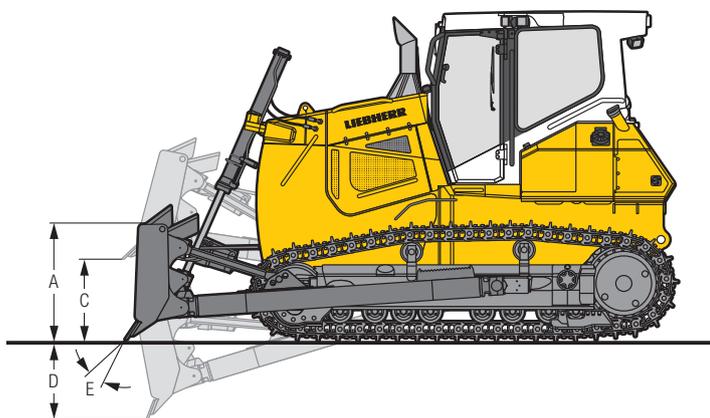


## 6-Way Blade with Inside Mounted Push Frame

		6-way blade	6-way blade with hinged corners	6-way blade	6-way blade with hinged corners
<b>Undercarriage</b>		<b>XL</b>	<b>XL</b>	<b>LGP</b>	<b>LGP</b>
<b>Blade capacity, ISO 9246</b>	<b>m<sup>3</sup></b>	3.17	3.17	3.39	3.39
	<b>yd<sup>3</sup></b>	4.15	4.15	4.43	4.43
<b>A Height of blade</b>	<b>mm</b>	1,200	1,200	1,100	1,100
	<b>ft in</b>	3'11"	3'11"	3'7"	3'7"
<b>B Width of blade</b>	<b>mm</b>	3,204	3,204	3,790	3,790
	<b>ft in</b>	10'6"	10'6"	12'5"	12'5"
<b>B1 Width of blade, angled</b>	<b>mm</b>	2,997	3,081	3,542	3,622
	<b>ft in</b>	9'10"	10'1"	11'7"	11'11"
<b>Transport width</b>	<b>mm</b>	2,997	2,430	3,542	2,998
	<b>ft in</b>	9'10"	8'	11'7"	9'10"
<b>C Lifting height</b>	<b>mm</b>	1,147	1,147	1,134	1,134
	<b>ft in</b>	3'9"	3'9"	3'9"	3'9"
<b>D Digging depth</b>	<b>mm</b>	475	475	469	469
	<b>ft in</b>	1'7"	1'7"	1'6"	1'6"
<b>E Blade pitch adjustment</b>		5°	5°	5°	5°
<b>F Blade angle adjustment</b>		23°	18°	23°	18°
<b>Max. blade tilt</b>	<b>mm</b>	473	473	558	555
	<b>ft in</b>	1'7"	1'7"	1'10"	1'10"
<b>H Overall length, blade straight</b>	<b>mm</b>	5,547	5,547	5,510	5,510
	<b>ft in</b>	18'2"	18'2"	18'1"	18'1"
<b>H1 Overall length, blade angled</b>	<b>mm</b>	6,118	6,006	6,201	6,070
	<b>ft in</b>	20'1"	19'8"	20'4"	19'11"
<b>Track shoes 560 mm / 22"</b>					
Operating weight <sup>1)</sup>	<b>kg/lb</b>	16,751 / 36,930	17,020 / 37,523	–	–
Ground pressure <sup>1)</sup>	<b>kg/cm<sup>2</sup> / psi</b>	0.47 / 6.68	0.48 / 6.83	–	–
<b>Track shoes 610 mm / 24"</b>					
Operating weight <sup>1)</sup>	<b>kg/lb</b>	16,891 / 37,238	17,160 / 37,831	–	–
Ground pressure <sup>1)</sup>	<b>kg/cm<sup>2</sup> / psi</b>	0.44 / 6.26	0.44 / 6.26	–	–
<b>Track shoes 812 mm / 32"</b>					
Operating weight <sup>1)</sup>	<b>kg/lb</b>	–	–	17,780 / 39,198	18,049 / 39,791
Ground pressure <sup>1)</sup>	<b>kg/cm<sup>2</sup> / psi</b>	–	–	0.35 / 4.98	0.35 / 4.98
<b>Track shoes 914 mm / 36"</b>					
Operating weight <sup>1)</sup>	<b>kg/lb</b>	–	–	18,061 / 39,818	18,330 / 40,411
Ground pressure <sup>1)</sup>	<b>kg/cm<sup>2</sup> / psi</b>	–	–	0.31 / 4.41	0.32 / 4.55

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

# Front Attachments



## Semi-U Blade and Straight Blade

		Semi-U blade	Straight blade
		XL	LGP
<b>Undercarriage</b>			
<b>Blade capacity, ISO 9246</b>	m <sup>3</sup>	4.27	3.43
	yd <sup>3</sup>	5.58	4.49
<b>A Height of blade</b>	mm	1,250	1,100
	ft in	4'1"	3'7"
<b>B Width of blade</b>	mm	3,000	3,600
	ft in	9'10"	11'10"
<b>C Lifting height</b>	mm	1,060	1,058
	ft in	3'6"	3'6"
<b>D Digging depth</b>	mm	472	471
	ft in	1'7"	1'7"
<b>E Blade pitch adjustment</b>		10°	10°
<b>Max. blade tilt</b>	mm	636	613
	ft in	2'1"	2'0"
<b>G Width over push frame</b>	mm	2,914	3,512
	ft in	9'7"	11'6"
<b>H Overall length</b>	mm	5,556	5,337
	ft in	17'7"	17'6"
<b>Track shoes 560 mm / 22"</b>			
Operating weight <sup>1)</sup>	kg / lb	16,651 / 36,709	–
Ground pressure <sup>1)</sup>	kg/cm <sup>2</sup> / psi	0.47 / 6.68	
<b>Track shoes 610 mm / 24"</b>			
Operating weight <sup>1)</sup>	kg / lb	16,791 / 37,018	–
Ground pressure <sup>1)</sup>	kg/cm <sup>2</sup> / psi	0.43 / 6.11	
<b>Track shoes 812 mm / 32"</b>			
Operating weight <sup>1)</sup>	kg / lb	–	17,690 / 39,000
Ground pressure <sup>1)</sup>	kg/cm <sup>2</sup> / psi		0.34 / 4.83
<b>Track shoes 914 mm / 36"</b>			
Operating weight <sup>1)</sup>	kg / lb	–	17,971 / 39,619
Ground pressure <sup>1)</sup>	kg/cm <sup>2</sup> / psi		0.31 / 4.41

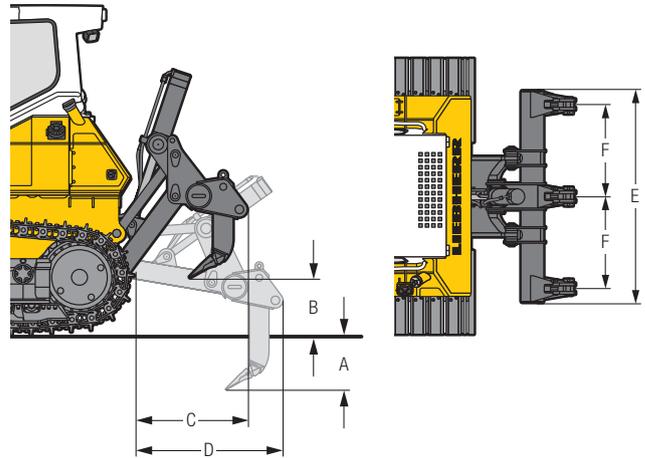
<sup>1)</sup> Including coolant and lubricants, 100 % fuel, ROPS/FOPS cab, operator, semi-U or straight blade.

# Rear Attachments



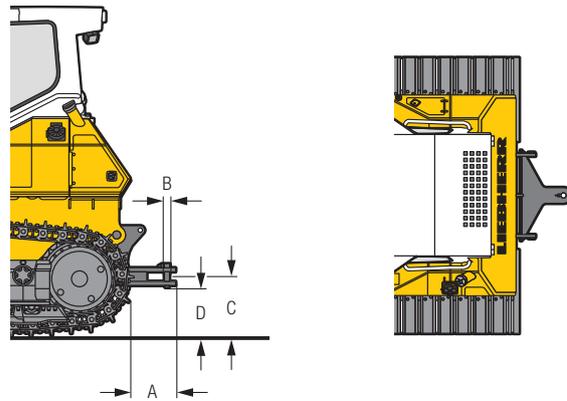
## 3-Shank Ripper

<b>A</b> Ripping depth (max./min.)	mm	500 / 350
	ft in	1'8" / 1'2"
<b>B</b> Lifting height (max./min.)	mm	650 / 500
	ft in	2'2" / 1'8"
<b>C</b> Additional length, attachment raised	mm	1,088
	ft in	3'7"
<b>D</b> Additional length, attachment lowered	mm	1,444
	ft in	4'9"
<b>E</b> Overall beam width	mm	2,300
	ft in	7'7"
<b>F</b> Distance between shanks	mm	1,000
	ft in	4'9"
Max. pitch adjustment		-
Weight	kg	1,448
	lb	3,192



## Drawbar

		<b>rigid</b>
<b>A</b> Additional length	mm	479
	ft in	1'7"
<b>B</b> Socket pin diameter	mm	45
	in	1.77"
<b>C</b> Height of jaw	mm	529
	ft in	1'9"
<b>D</b> Ground clearance	mm	439
	ft in	1'5"
Jaw opening	mm	90
	in	3.54"
Weight	kg	211
	lb	465



# Equipment

## Base Machine

Additional handle on fuel tank	+
Air filter with automatic dust ejector	•
Air filter, dry type, dual step, with pre-filter	•
Auto Idle	+
Automatic engine shut-off	+
Battery compartment, lockable	•
Coal arrangement	1)
Cold environment arrangement	1)
Cooling fan, hydraulically driven	•
Cooling fan, reversible	+
Cooling fan, tiltable without tools	+
Diesel Exhaust Fluid (DEF) tank, lockable	+
Diesel particle filter	+
Engine compartment doors, lockable	•
Fan, hinged (no tools required)	+
Forestry arrangement	1)
Fuel pre-filter	•
Grade control ready kit	+
Landfill arrangement	1)
LiDAT – Data transmission system	•
Liebherr diesel engine emission stage IV/Tier 4f	•
Liebherr hydraulic oil, biologically degradable	+
Lugs for crane lifting, front	•
Lugs for crane lifting, rear	+
Radiator guard, hinged	•
Radiator, wide-meshed	•
Refuelling pump, electric	+
Special paint scheme	+
Tool kit, extended	+
Towing hitch rear	•
Towing lug front	•
Woodchip arrangement	1)

## Hydraulic system

Blade float function	•
Blade quick drop function	•
Control block for 2 circuits	•
Hydraulic kit for ripper	+
Hydraulic kit for winch	+
Oil filter in hydraulic tank	•
Variable flow pump, load-sensing	•

## Travel Drive

Emergency stop	•
Final drives planetary gear	•
Inching brake pedal	+
Load limit control, electronic	•
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

Air-conditioner	•
Armrests 3D adjustable	•
Cab heating	•
Coat hook	•
Dome light	•
Extension of cab door footsteps	+
Fire extinguisher in the cab	+
Footrest on the front console	+
Operator's seat Comfort, air-suspended	•
Operator's seat Premium, air-suspended	+
Pressurised cab	•
Protective grid, rear window	+
Radio	+
Radio preparation kit	•
Rear-view camera	+
Rear-view mirror, inside	•
Rear-view mirrors, external	+
ROPS/FOPS integrated	•
Safety glass tinted	•
Sliding window left	+
Sliding window right	+
Socket 12 V	•
Sun visor, front	+
Touch-controlled color display	•
Windshield washer system	•
Windshield wipers front, rear, doors, with intermittent function	•

• = Standard, + = Option, 1) on demand at your dealer

# Equipment



## Electrical System

4 working lights on the cab, front	•
2 working lights on the cab, rear	•
1 working light on each lift cylinder	•
2 additional working lights on the cab, rear	+
1 additional working light on each lift cylinder	+
All working lights in LED version	+
2 cold start batteries	•
Back-up alarm	+
Back-up alarm, acoustic and visual	+
Back-up alarm, switchable	+
Battery main switch	•
Battery main switch, lockable	+
Beacon	+
Horn	•
Immobiliser, electronic	+
On-board voltage 24 V	•

## Undercarriage

Master link, two-piece	•
Sprocket segments with recesses	+
Sprocket segments, bolted	•
Track frame, closed	•
Track guard, full length	+
Track guide, centre part	+
Track guides, front and rear	•
Track pads with mud holes	+
Track shoes, moderate service	•
Tracks, oil-lubricated	•
Undercarriage XL	+
Undercarriage LGP	+
Undercarriage with rotary bushings FTB	+



## Attachments Front

6-way blade	+
6-way blade with hinged corners	+
Coal U-blade	1)
Guards for hydraulic cylinders, 6-way blade	+
Mechanical angle blade	1)
Semi-U blade	+
Side wings for 6-way blade, bolt-on	+
Side wings for straight blade, weld-on	+
Spill plate	+
Straight blade	+
Trash rack	+
Wear plates on push frame	+
Woodchip U-blade	1)



## Attachments Rear

Counterweight, rear	+
Drawbar rear, rigid	+
Mounting plate for third-party equipment	+
Ripper, 3 shanks	+
Ripper, 5 shanks	+
Towing hitch on ripper	+
Winch	+

• = Standard, + = Option, 1) on demand at your dealer

Standard equipment may vary. Consult your Liebherr dealer for details.

# 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 application.

## 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 and mining trucks.

## Worldwide and Independent

Hans Liebherr founded the Liebherr family company in 1949. Since that time, the enterprise has steadily grown to a group of more than 130 companies with over 41,000 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.us](http://www.liebherr.us)

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