Crawler Tractors

PR 734 Litronic® PR 744 Litronic®

Engine Output (SAE J1349):	**150 kW / 201 HP**	**185 kW / 248 HP**
Operating Weight:	**20,388 - 24,961 kg**	**24,605 - 31,669 kg**
	44,948 - 55,030 lb	**54,245 - 69,818 lb**

LIEBHERR

Courtesy of Machine.Market

PR 734 Litronic®

Engine Output (SAE J1349): 150 kW / 201 HP
Operating Weight: 20,388 - 24,961 kg
44,948 - 55,030 lb
Blade Capacity: 3.80 - 5.56 m³
4.97 - 7.27 yd³
Hydrostatic travel drive with electronic control

PR 744 Litronic®

Engine Output (SAE J1349): 185 kW / 248 HP
Operating Weight: 24,605 - 31,669 kg
54,245 - 69,818 lb
Blade Capacity: 4.90 - 7.20 m³
6.41 - 9.42 yd³
Hydrostatic travel drive with electronic control

Courtesy of Machine.Market

Performance

Sheer strength and innovative technology – these are the hallmarks of the generation 4 of Liebherr crawler tractors. The impressive balance between operating weight and engine output assures maximum productivity under all conditions. Whether during ripping, dozing or grading, the PR 734 and the PR 744 excel in any application with outstanding performance.

Economy

Clear economic benefits speak for Liebherr. Like all Liebherr machines, the PR 734 and the PR 744 boast an exemplary service concept. This reduces both down times and maintenance costs. Our latest-generation diesel engines combine high performance and fuel economy – guaranteeing exceptional pushing power with low fuel consumption and the efficient drive system.

Reliability

Strong and robust: In terms of their construction and quality of materials, Liebherr crawler tractors are consistently designed with longevity in mind. Parts that are subjected to considerable stress are produced from high-strength material; critical components are optimally protected. All this makes Liebherr crawler tractors the benchmark for reliability and availability.

Comfort

Generation 4 crawler tractors offer a spacious and comfortable workplace designed according to state-of-the-art ergonomic standards, giving the operator an excellent view of the work area and the blade. The intuitive single-joystick enables sensitive and reliable control of the machine.

Courtesy of Machine.Market

Liebherr diesel engine

- State-of-the-art technology: Pump-line-nozzle injection system, 4-valve technology, turbocharger with charge-air intercooling and electronic engine management ensure power reserves in every situation.
- Environmentally-friendly and economical: Complies with the latest exhaust emissions standards 2004/26/EC Stage IIIa (EU) and EPA/CARB Tier 3 (US).
- Extra-deep oil sump permits travel on gradients up to 45°.

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Performance

Liebherr has over 30 years of experience in the manufacture of hydrostatically driven tractors. The high-performance generation 4 crawler tractors are the perfect machines for a wide variety of applications.

High productivity

High drawbar pull

The powerful Liebherr diesel engine in combination with the innovative Liebherr travel drive guarantees ample power in all situations. The drive system does not require any gearshifting, which means that engine power is transferred to the tracks without interruption – even when cornering.

High dozing and ripping power

The hydrostatic travel drive enables the operator to define the optimal travel speed and drawbar pull with ease - preventing the tracks from slipping and ensuring that maximum power is transmitted to the ground at all times.

Optimized blade design for improved rolling of the material

The blade contours of the PR 734 and PR 744 machines have been further optimized. Improved rolling of the material enables the machine to achieve even higher productivity.

Best levelling characteristics

The entire front-end superstructure of the machine is torsionally rigid and robust. In conjunction with the long track frames, this ensures smooth operation of the blade at all times.

A diversity of applications

Outstanding maneuverability

The hydrostatic drive has a further advantage when working in confined spaces. All travel movements can be performed quickly and without difficulty, including counter-rotation.

Low machine center of gravity

The layout of the drive components results in an extremely low machine center of gravity, which permits safe operation during even the most challenging applications on slopes and embankments.

Liebherr hydrostatic drive

- Automatic speed and torque adjustment constantly optimizes the machine's power flow in the event of load changes.
- Even at low speeds, for example in demanding ripping operations, the thermal load of the hydrostatic travel drive remains low. The high efficiency of the drive remains almost unchanged.

Optimized blade design

- The blades are defined by uncompromising penetration characteristics and outstanding rolling of the material. The sloping top corners of the blade allow the operator to quickly ascertain blade filling.
- Robustly-built using wear-resistant materials, Liebherr blades excel under even the most demanding conditions.

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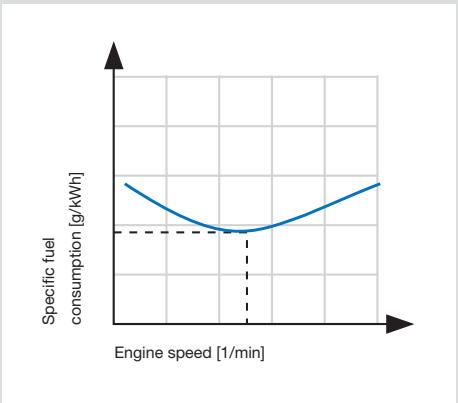

Consistent engine speed for low fuel consumption

- The rated engine speed lies in the range of lowest specific fuel consumption, thereby ensuring maximum operating efficiency.

Courtesy of Machine.Market

Economy

Liebherr crawler tractors are consistently designed with cost-effectiveness in mind, resulting in low fuel consumption, high productivity, long component service lifetimes and low maintenance costs.

Low fuel consumption

Constant engine speed
The Liebherr diesel engine operates at a consistent speed at all times, regardless of the given travel speed. The engine is not throttled and re-accelerated, thereby guaranteeing economical fuel consumption.

Low engine speed
The low engine speed results in significantly enhanced filling of the cylinder chambers and, as a consequence, more efficient fuel combustion.

Efficient drive system
The hydrostatic travel drive offers excellent efficiency across the entire speed range. The oil temperature remains low even when high power output is required at low travel speeds (ripping work).

Load-sensing power hydraulics
This system only uses the energy that is actually required by the operating equipment. This saves fuel if the equipment is not being used.

Low maintenance costs

Long maintenance intervals
The maintenance intervals are optimally geared to the individual components. For example: maintenance-free bearings are used on exposed dozing frame.

Excellent accessibility
All service points of the diesel engine are accessible from one side of the machine, while the tilting cab enables access to the components inside the machine. These measures allow servicing tasks to be carried out quickly and efficiently.

Tilting cab

- Enables straightforward, rapid access to all components of the travel drive and power hydraulics.

Easy maintenance

- All service points are located on one side of the machine, saving time and energy during daily inspection tasks.

Liebherr PR 734 quick-coupler system

- Transportation width of less than 9'10": The hydraulic quick-coupler system enables the machine to be transported easily and quickly.
- Short set-up time and straightforward operation: The time required for mounting and dismantling the blade is reduced from several hours to just a few minutes and this task can be performed by one person.

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Key technologies from Liebherr

- Liebherr has decades of experience in the development, engineering and production of components.
- Major key components such as diesel engines, transfer gear boxes, hydraulic cylinders and final drives are Liebherr-built and represent the highest quality.

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Reliability

Due to their high quality and excellent engineering, these machines offer maximum availability. Components developed by Liebherr specifically for use in construction machinery guarantee operational reliability in even the toughest conditions.

Liebherr drive train

Durable engine

Liebherr diesel engines were developed for the most demanding conditions of use. Their low rated speed ensures high operational reliability and a long lifetime.

Fewer components

The proven hydrostatic travel drive means that mechanical components such as a torque converter, manual gearbox and differential steering or clutches are not required. Standardized hydraulic pumps and motors are non-wearing and dependable in operation.

Robust final drive

The large Series 4 final drive is extremely robust and is engineered to endure the highest loads. A double gearbox seal with automatic seal monitoring offers dependable protection.

Robust steel structure

Modular-design main frame

The main frame is of the proven modular design, resulting in high torsional rigidity and optimal absorption of the forces to which it is exposed. Components subjected to particularly heavy loads are made of cast steel.

Solutions for a long lifetime

Innovative cooling system

The electronically controlled suction-type fan controls the operating temperature reliably and regardless of the engine speed. Extra-large radiator fins ensure good self-cleaning.

Optimally protected wiring harness

High-quality material for the protection of the wiring harness and a well-designed layout ensure the functional reliability of the machine.

Components in life-cycle tests

- FE analysis is used during the development phase to design the components, thereby ensuring that they are optimally configured to withstand heavy-duty use.
- The components are then subjected to intensive long-term tests. Only parts that meet the high quality standard are used in the machines.

State-of-the-art cooling system

- The hydrostatically driven fan matches the cooling performance to the cooling requirement, meaning that the engine reaches an optimal operating temperature more quickly.
- Air is taken in from dirt-protected zones, thereby minimizing contamination caused by dust particles.
- Optional: Reversible fan for the quick cleaning of the radiator in particularly dusty conditions.

Courtesy of Machine.Market

Intuitive single-joystick control

- Precision control ranges: The travel speed ranges can be pre-selected and programmed individually using switches.
  Pre-sets:
  Setting 1: 0 - 4 km/h / 0 - 2.5 mph
  Setting 2: 0 - 6.5 km/h / 0 - 4.0 mph
  Setting 3: 0 - 11 km/h / 0 - 6.8 mph

- Memory function:
  All programmed settings are retained if the machine is restarted.

Inching/brake pedal

- In addition to the single-joystick control, the operator can use the foot pedal to control the speed of the machine and, if necessary, apply the brakes.

  1 Inching function
  2 Brake function

Comfort

The redesigned workplace offers the operator a remarkable degree of comfort. Spacious, quiet and designed with ergonomics in mind, Liebherr comfort cabs offer the ideal conditions for fatigue-free, concentrated work. Excellent visibility facilitates safe and precise operation.

A top-class cab

Ergonomics

The ergonomically-designed operator's workplace offers the ideal environment for relaxed, productive work. All instruments and operating controls are laid out comprehensibly and within easy reach.

Low sound values

The sound level in a Liebherr cab is far below the legal requirements. The PR 734 and the PR 744 boast exemplary noise values thanks to effective cab sound-proofing and state-of-the-art, quiet diesel engines.

Outstanding visibility

The integrated ROPS/FOPS protection structure and large-area glazing afford the operator optimum outward visibility.

Straightforward and precise control

Single-joystick control

All travel movements can be controlled easily and precisely with only one joystick – including the "counter-rotation" function.

Continuously variable control

Speed selection is continuously variable without gearshifting and therefore without interrupting drawbar pull.

Safety in every situation

The crawler tractor is driven with positive power transmission at all times, even on gradients. The self-locking action of the system (hydrostatic drive) allows the operator to control braking simply by reducing joystick movement.

The machine is equipped with an automatic parking brake that is activated when the machine is stationary.

Instrument panel

- The instrument panel is ideally positioned in the operator's field of vision.
- Automatic monitoring, display and warnings in the event of abnormal operating conditions.

Well-designed details

- A generous storage space including a 12V socket for operating a cooler is standard.
- The flexible, multi-way adjustable seat with 3-way adjustable armrests provides a comfortable workplace.
- Further details such as a sliding side window, tinted glazing and a foot rest enhance the operator's comfort.

Basic machine

Engine

	PR 734	PR 744
Liebherr Diesel engine	D 936-L A6	D 936-L A6
	Emission regulations according to 97/68/EC, 2004/26/EC stage IIIA and EPA/CARB Tier 3	
Rating (ISO 9249)	150 kW / 204 HP	185 kW / 252 HP
Rating (SAE J1349)	150 kW / 201 HP	185 kW / 248 HP
Rated speed	1,800 rpm	1,600 rpm
Displacement	10.5 l / 641 in^3	10.5 l / 641 in^3
Design	6 cylinder in-line engine, water-cooled. Turbocharged, intercooled	
Injection system	Direct fuel injection, pump-line-nozzle system, electronic control	
Lubrication	Force-feed lubrication, engine lubrication in an inclined position up to 45°, on all sides	
Operating voltage	24 V	24 V
Alternator	80 A	80 A
Starter	7.8 kW / 11 HP	7.8 kW / 11 HP
Batteries	2 x 170 Ah / 12 V	2 x 170 Ah / 12 V
Air cleaner	Dry-type air cleaner with safety element, aspirated pre-cleaner, service gauge in cab	
Cooling system	Combi radiator, comprising a radiator for water, hydraulic fluid (PR 734), charge air, fuel. Hydrostatic fan drive	

Travel drive, control

	PR 734	PR 744
Transmission system	Infinitely variable hydrostatic travel drive, independent drive for each frame	
Travel speed *	continuously variable	
Speed range 1 (reverse):	0 - 4.0 km/h / 2.5 mph (4.8 km/h / 3.0 mph)	
Speed range 2 (reverse):	0 - 6.5 km/h / 4.0 mph (7.8 km/h / 4.8 mph)	
Speed range 3 (reverse):	0 -11.0 km/h / 6.8 mph (11.0 km/h / 6.8 mph)	
	* Pre-adjusted, all speed ranges can be customized on the travel joystick	
Drawbar pull at 1.5 km/h / 0.9 mph	274 kN	365 kN
Electronic control	Electronic engine speed sensing control automatically adjusts travel speed and drawbar pull to match changing load conditions	
Steering	Hydrostatic	
Service brake	Wear-free, hydrostatic (dynamic braking)	
Automatic park brake	Wet multiple-disc brakes, wear-free, automatically applied with neutral joystick position	
Cooling system	Hydraulic oil cooler, integrated in combi radiator	Separate oil cooler
Filter system	Micro cartridge filters	
Final drive	Heavy-duty combination spur gear with planetary final drives, double sealed with electronic seal-integrity indicator	
Control	Single joystick for all travel and steering functions	

Noise emissions

	PR 734	PR 744
Operator sound exposure ISO 6396	L_{pA} = 78 dB(A) (emission at the operator's position)	L_{pA} = 78 dB(A)
Exterior sound pressure 2000/14/EC	L_{wA} = 111 dB(A) (emission in the environment)	L_{wA} = 112 dB(A)

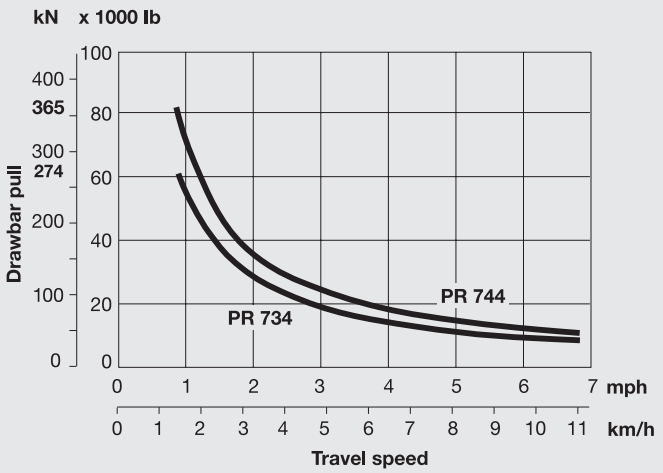
Undercarriage

	PR 734			PR 744	
	L	XL	LGP	L	LGP
Mount	Via separate pivot shafts and an oscillating equalizer bar				
Chains	Sealed and lubricated chains, single-bar grouser pads, track chain tension via grease tensioner and hydraulic cylinders				
Links	40	44	44	40	44
Track rollers/carrier rollers	7/2	8/2	8/2	7/2	8/2
Sprocket segments	5	5	5	5	5
Track pads standard	508 mm 20"	508 mm 20"	812 mm 32"	508 mm 20"	812 mm 32"
Track pads optional	560 mm 610 mm	560 mm 610 mm	914 mm 965 mm	560 mm 610 mm 710 mm	914 mm
	22", 24"	22", 24"	36", 38"	22", 24" 28"	36"

Operator's cab

	PR 734	PR 744
Cab	Resiliently mounted cab with positive pressure ventilation, can be tilted with hand pump 40° to the rear. With ROPS Rollover Protective Structure (ISO 3471) and FOPS Falling Objects Protective Structure (ISO 3449) integrated	
Operator's seat	Fully adjustable suspended seat	
Monitoring	Combined analog / LC display, automatic monitoring, display if abnormal operating conditions	

Drawbar pull PR 734/PR 744



Usable drawbar pull will depend on traction and weight of tractor

Basic machine

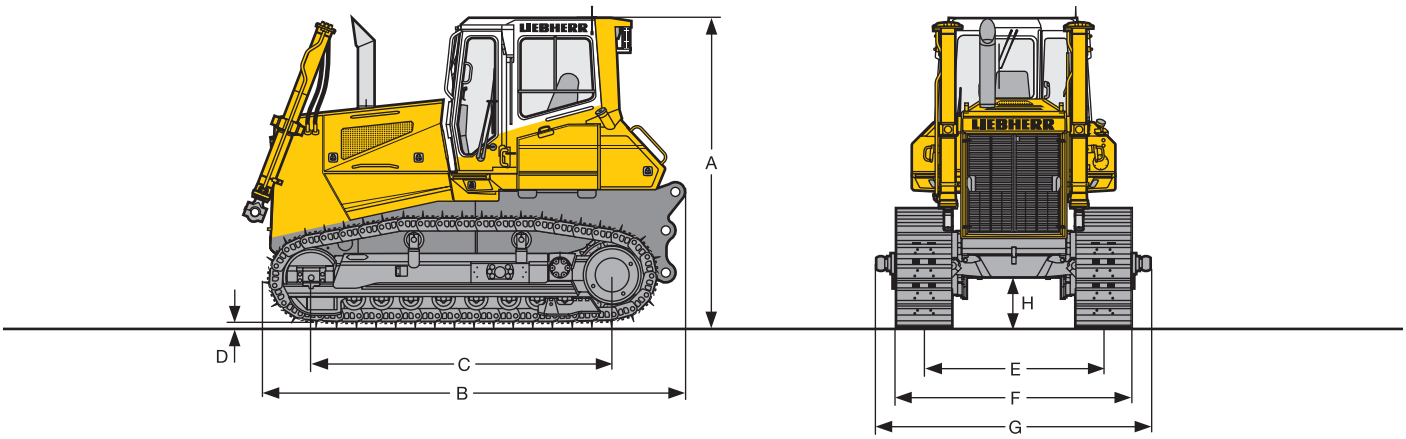
Hydraulic equipment

	PR 734	PR 744
Hydraulic system	Load Sensing proportional pump flow control	
Pump type	Swash plate variable displacement piston pump	
Pump flow max.	209 l/min / 55.2 gpm	260 l/min / 68.6 gpm
Pressure limitation	200 bar / 2,900 PSI	260 bar / 3,770 PSI
Control valve	2 segments, expandable to 4	
Filter system	Return filter with magnetic rod	
Control	Single joystick for all blade functions	

Refill capacities in US gallons

	PR 734	PR 744
Fuel tank	400 l / 105.6 gal	515 l / 136 gal
Cooling system	55 l / 14.5 gal	62 l / 16.4 gal
Engine oil with oil filters	43 l / 11.4 gal	43 l / 11.4 gal
Splitter box	3.1 l / 0.8 gal	6.5 l / 1.7 gal
Hydraulic tank	144 l / 38.0 gal	169 l / 44.6 gal
Final drive L, XL, each	14 l / 3.7 gal	17.5 l / 4.6 gal
Final drive LGP, each	18.5 l / 4.9 gal	19.5 l / 5.1 gal

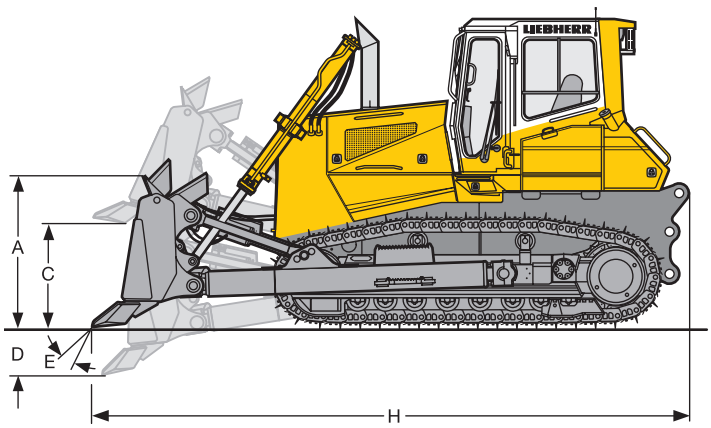
Dimensions

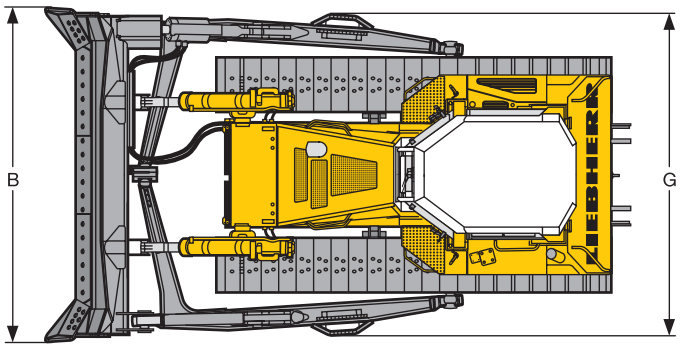


Dimensions		PR 734 L	PR 734 XL	PR 734 LGP	PR 744 L	PR 744 LGP
A Height over cab	mm	3,258	3,258	3,258	3,434	3,434
	ft-in	10’8”	10’8”	10’8”	11’3”	11’3”
B Overall length without attachments	mm	4,335	4,335	4,335	4,657	4,692
	ft-in	14’3”	14’3”	14’3”	15’3”	15’5”
C Distance idler/sprocket centre	mm	2,830	3,240	3,240	2,992	3,316
	ft-in	9’3”	10’8”	10’8”	9’10”	10’11”
D Height of grousers	mm	65	65	65	71.5	71.5
	in	2.56”	2.56”	2.56”	2.81”	2.81”
E Track gauge	mm	1,830	1,830	2,180	1,980	2,180
	ft-in	6’0”	6’0”	7’2”	6’6”	7’2”
F Total width without trunnions (standard shoe width)	mm	2,381	2,381	2,992	2,541	2,992
	ft-in	7’10”	7’10”	9’10”	8’4”	9’10”
G Total width over blade-mounting trunnions	mm	2,724	2,724	3,474	3,000	3,600
	ft-in	8’11”	8’11”	11’5”	9’10”	11’10”
H Ground clearance	mm	494	494	494	545	545
	in	19”	19”	19”	21”	21”
Tractor shipping weight[1]	kg	17,546	18,094	19,236	20,920	23,280
	lb	38,682	39,890	42,408	46,121	51,324

[1]Includes coolant, lubricants, 20% fuel, ROPS/FOPS cab and track pads 508 mm/20” (L, XL) and 812 mm/32” (LGP).

Front attachment

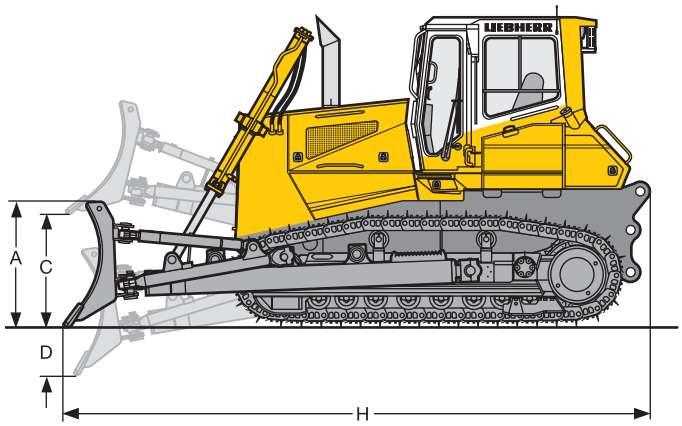


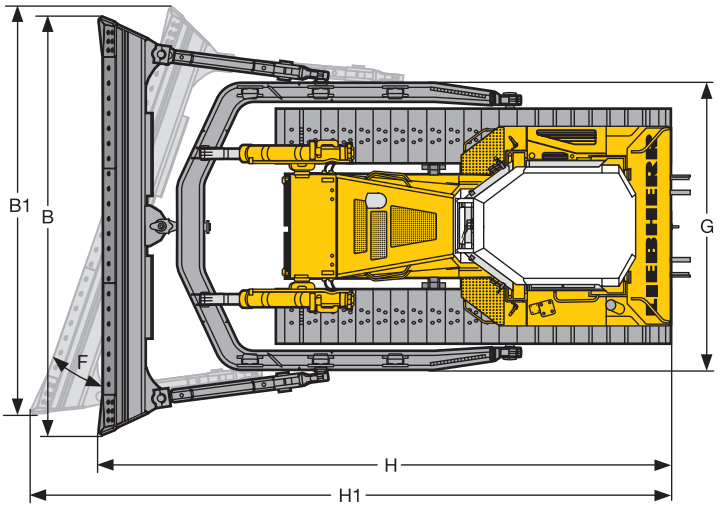


Semi-U blade and Straight blade		PR 734 L Semi-U blade	PR 734 XL Semi-U blade	PR 734 LGP Straight blade	PR 744 L Semi-U blade	PR 744 LGP Straight blade[3]
Blade capacity according to ISO 9246	m^3	5.56	5.56	4.10	7.20	6.00
	yd^3	7.27	7.27	5.36	9.40	7.90
A Height of blade	mm	1,400	1,400	1,150	1,545	1,320
	ft-in	4'7"	4'7"	3'9"	5'1"	4'4"
B Width of blade	mm	3,372	3,372	3,995	3,690	4,520
	ft-in	11'1"	11'1"	13'1"	12'1"	14'10"
Width over quick-coupler system[1]	mm	2,994	2,994	3,494	–	–
	ft-in	9'10"	9'10"	11'6"	–	–
C Lifting height	mm	1,170	1,206	1,215	1,222	1,179
	ft-in	3'10"	3'11"	4'0"	4'0"	3'10"
D Depth below ground	mm	536	554	559	511	616
	ft-in	1'9"	1'10"	1'10"	1'8"	2'0"
E Max. blade pitch		10°	10°	10°	10°	10°
Max. blade tilt	mm	780	780	714	930	933
	ft-in	2'7"	2'7"	2'4"	3'1"	3'1"
G Width over C-frame	mm	3,000	3,000	3,750	3,556	4,034
	ft-in	9'10"	9'10"	12'4"	11'8"	13'3"
H Overall length, blade straight	mm	5,678	5,948	5,693	6,050	5,935
	ft-in	18'8"	19'6"	18'8"	19'10"	19'6"
Operating weight[2]	kg	20,388	20,936	22,122	24,605	27,250
	lb	44,948	46,156	48,771	54,245	60,076
Ground pressure[2]	kg/cm^2	0.71	0.64	0.42	0.81	0.50
	PSI	10.10	9.10	5.97	11.52	7.11

[1] Quick-coupler system optional, LGP version with maximum track pads width 812 mm/32". When using a quick-coupler system, the installation of a rear counterweight is recommended.
[2] Includes coolant, lubricants, 20% fuel, ROPS/FOPS cab, operator, track pads 508 mm/20" (L, XL) and 812 mm/32" (LGP), semi-U/straight blade.
[3] The installation of a rear counterweight (2,200kg / 4,850 lb) is recommended.

Front attachment

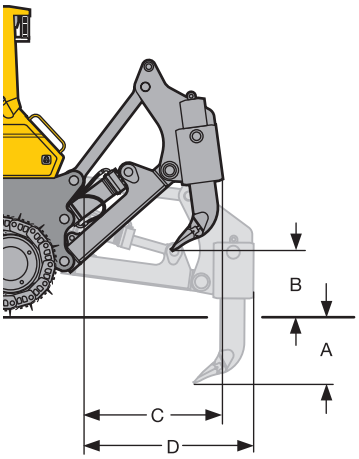


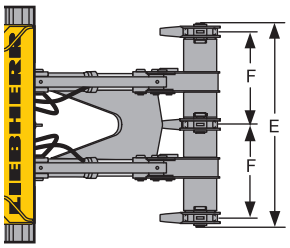


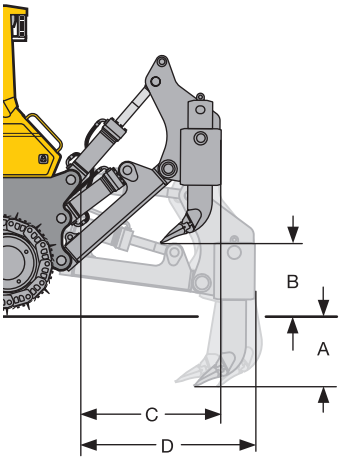
	Mechanical angle blade		PR 734 L Angle blade	PR 734 XL Angle blade	PR 744 L Angle blade
Blade capacity according to ISO 9246		m^3	3.80	3.80	4.90
		yd^3	4.97	4.97	6.41
A	Height of blade	mm	1,100	1,100	1,200
		ft-in	3’7”	3’7”	3’1”
B	Width of blade	mm	4,240	4,240	4,590
		ft-in	13’11”	13’11”	15’1”
B1	Transport width	mm	3,850	3,850	4,175
		ft-in	12’8”	12’8”	13’8”
C	Lifting height	mm	1,190	1,203	1,290
		ft-in	3’11”	3’11”	4’3”
D	Depth below ground	mm	617	648	570
		ft-in	2’0”	2’2”	1’10”
F	Max. blade angle		25°	25°	25°
	Max. blade tilt	mm	475	475	735
		ft-in	1’7”	1’7”	2’5”
G	Width over C-frame	mm	2,890	2,890	3,200
		ft-in	9’6”	9’6”	10’6”
H	Overall length, blade straight	mm	5,655	5,925	6,215
		ft-in	18’7”	19’5”	20’5”
H1	Overall length, blade angled	mm	6,458	6,728	7,105
		ft-in	21’2”	22’1”	23’4”
	Operating weight[1]	kg	20,720	21,268	24,805
		lb	45,680	46,888	54,686
	Ground pressure[1]	kg/cm^2	0.72	0.65	0.82
		PSI	10.24	9.24	11.66

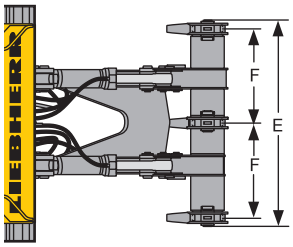
[1] Includes coolant, lubricants, 20% fuel, ROPS/FOPS cab, operator, track pads 508 mm/20”, mechanical angle blade

Rear attachment



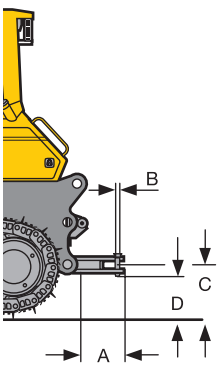


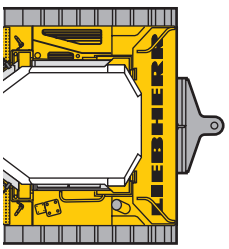




Ripper 3 shanks parallelogram		PR 734 Standard	PR 734 Option	PR 744	PR 744 with hydraulic pitch adjustment
A Ripping depth (max./min.)	mm	507 / 357	807 / 357	749 / 449	749 / 449
	ft-in	1'8" / 1'2"	2'6" / 1'2"	2'5" / 1'6"	2'5" / 1'6"
B Lifting height (max./min.)	mm	681 / 531	681 / 231	755 / 457	759 / 459
	ft-in	2'3" / 1'9"	2'3" / 0'9"	2'6" / 1'6"	2'6" / 1'6"
C Additional length, attachment raised	mm	1,199		1,586	1,569
	ft-in	3'11"		5'2"	5'2"
D Additional length, attachment lowered	mm	1,531		1,937	1,937
	ft-in	5'00"		6'4"	6'4"
E Toolbar width	mm	2,320		2,184	2,184
	ft-in	7'7"		7'2"	7'2"
F Distance between teeth	mm	1,000		1,000	1,000
	ft-in	3'3"		3'3"	3'3"
Weight	kg	1,910		3,295	3,305
	lb	4,212		7,265	7,286
Max. pitch adjustment		–		–	25°

Drawbar rigid		PR 734	PR 744
A Additonal length	mm	498	435
	ft-in	1'8"	1'5"
B Socket pin diameter	mm	50	50
	in	1.97"	1.97"
C Height of jaw	mm	510	521
	ft-in	1'8"	1'9"
D Ground clearance	mm	397	425
	ft-in	1'4"	1'5"
Jaw opening	mm	95	95
	in	3.74"	3.74"
Weight	kg	263	345
	lb	580	761





Equipment

Basic machine

Tow switch	•
Towing hitch rear	•
Towing lug front	•
Forestry equipment	+
Landfill equipment	+
Battery compartment, lockable	•
Tank guard, complete	+
Refueling pump, electric	+
Belly pans, heavy-duty	•
Diesel particle filter	+
Cold start device, heating coil	•
Radiator wide-meshed	•
Radiator guard, heavy-duty	+
Radiator guard, hinged	•
Liebherr bio-degradable hydraulic oil	+
Liebherr Diesel engine	•
Fan, hydraulically driven	•
Fan guard	•
Engine cover, perforated	•
Engine doors, perforated	•
Engine doors, hinged, lockable	•
Lugs for crane lifting	•
Special paint	+
Fuel water separator	•
Fuel water separator with electric heater	+
Air filter, dry-type, dual step	•
Pre-cleaner with automatic dust ejector	•
Toolkit	•
Laser/GPS ready kit (2)	+

Travel drive

Parking brake, automatic	•
Function control, automatic	•
Control single joystick	•
Load limit control, electronic	•
Electronic control	•
Travel control, 3 speed ranges	•
Hydrostatic travel drive	•
Inching brake pedal for PR 734	+
Inching brake pedal for PR 744	•
Emergency stop	•
Oil cooler	•
Final drives planetary gear	•
Safety lever	•

• = **Standard**
+ = **Option**
(1) = only for PR 744
(2) = only for PR 734

Subject to changes.

Undercarriage

Track frame, closed	•
Sprocket segments, bolted	•
Master link, two-piece	•
Track pads with mud hole	+
Track guide center part	+
Tracks oil-lubricated	•
Track guide	+
Undercarriage L	+
Undercarriage XL (2)	+
Undercarriage LGP	+
Track frames, oscillating	•
Pivot shaft, separate	•
Sprocket segments with recesses	+

Electrical system

Starter 7.8 kW	•
Working lights front, 4 units	•
Working lights rear, 2 units	•
Batteries, cold start, 2 units	•
Battery main switch, mechanical	•
On-board system, 24 V	•
Alternator 80 A	•
Back-up alarm	+
Beacon	+
Horn	•
Electronic start lock	+
Additional lights, rear	+
Additional lights, on lift cylinders	+

Operator's cab

Storage compartment	•
Armrest 3D adjustable	•
Ash tray	•
Pressurized air filter	•
Operator's seat, 6-way adjustable	•
Operator's seat, air suspended	+
Fire extinguisher	•
Dome light	•
Coat hook	•
Air conditioning	+
Cooler	+
FM radio	+
Radio preinstallation	•
ROPS/FOPS	•
Rear mirror, inside	•
Safety glass, tinted	•
Windshield washer system	•
Windshield wipers font, rear and on the doors, with intermittent function	•
Sliding window, left	•
Sliding window, right	+
Protective grids for windows	+
Extension, seat back	+
Sun visor	•
Socket 12 V	•
Warm water heating	•

Control and warning lights

Control travel speed range (digital)	•
Control engine coolant temperature (analog)	•
Control fuel level (analog)	•
Hour meter (analog)	•
Warning light battery charging	•
Warning light diesel engine	•
Warning light electronic travel control system	•
Warning light travel drive seal, each side	•
Warning light parking brake	•
Warning light hydraulic oil temperature	+
Warning light fuel water separator	•
Warning light fan control	•
Warning light pump repleneshing pressure	•
Warning light float position blade	•
Warning light oil return filter	•
Warning light air filter	•
Warning light heater Diesel engine	•
Main warning light	•

Hydraulic system

Hydraulic control ripper	+
Hydraulic control winch	+
Variable flow pump, load sensing	•
Oil filter with strainer in hydraulic tank	•
Blade quick drop	•
Control valve for 2 circuits	•
Float position blade	•
Hydraulic servo control	•
Hydraulic tank oil level control	+

Attachments

Mounting plate for external tools	+
Drawbar rear, rigid	+
Drawbar rear, swivelling	+
Counterweight, rear 2,000 kg/4,409 lb (2)	+
Counterweight, rear 2,200 kg/4,850 lb (1)	+
Counterweight, rear with storage compartment 2,800 kg/6,173 lb (1)	+
Counterweight, rear 3,200 kg/7,055 lb (1)	+
Ripper 1 shank	+
Ripper 3 shanks	+
Straight blade	+
Semi-U blade	+
Angle blade	+
Quick-coupler system (2)	+
Winch	+
Spill plate for blade	+

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

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, too. 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 100 companies with over 32,000 employees located on all continents. The corporate headquarters of the Group is Liebherr-International AG in Bulle, Switzerland. The Liebherr family is the sole owner of the company.

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