

Technical data PR 726



Engine

Liebherr Diesel engine	D 934 A7 Emission regulations according to 2016/1628 Stage V, EPA/CARB Tier 4 Final
Rated power (net) ISO 9249 SAE J1349	125 kW / 170 HP 125 kW / 168 HP
Maximum power (net) ISO 9249 SAE J1349	140 kW / 190 HP 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 * Speed range 1: Speed range 2: Speed range 3:	Continuously variable 0 – 6.5 km/h / 4.0 mph (forward & reverse) 0 – 8.5 km/h / 5.3 mph (forward & reverse) 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/s², according with ISO 5349-1:2001 or ISO 5349-2:2015-12
Whole-body vibrations	0.24 – 1.31 m/s², 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)

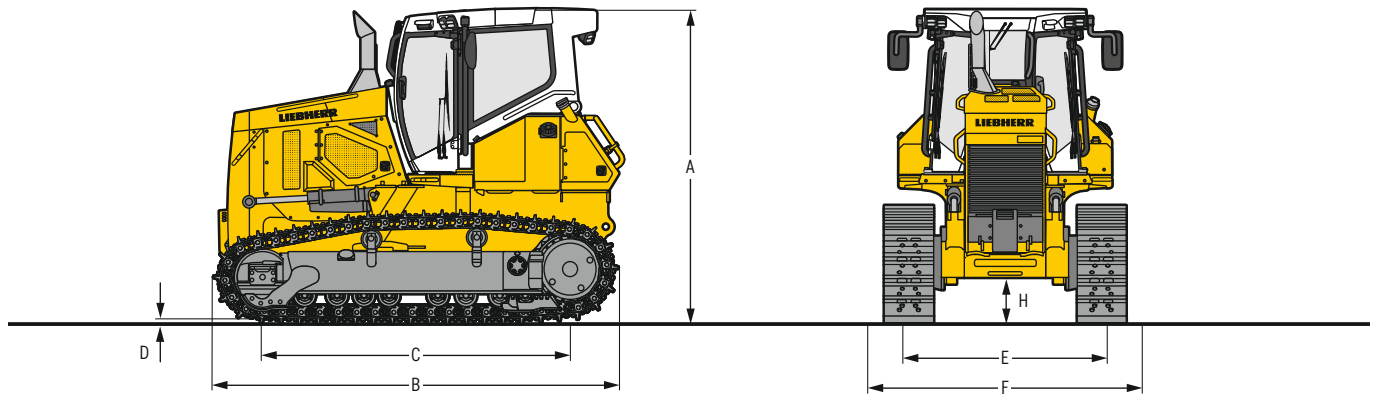
Refill capacities

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



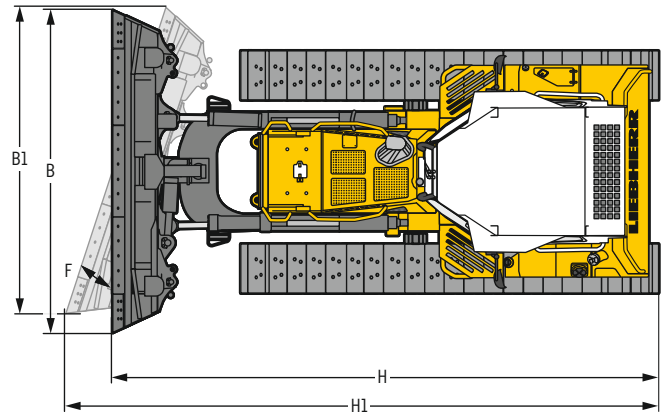
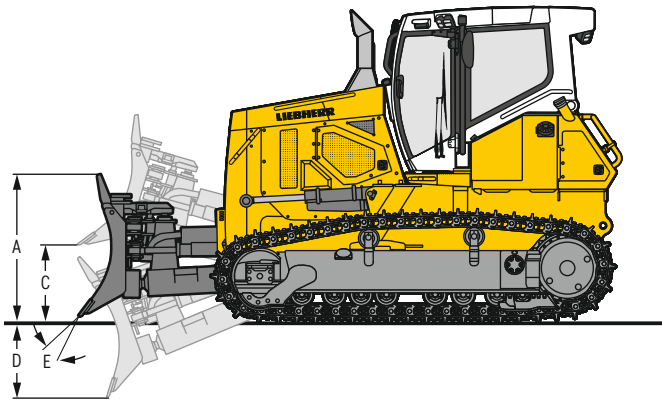
Dimensions

Undercarriage		XL	LGP
A Height over cab	mm	3,198 ²⁾	3,198 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"			
Width over tracks	mm / ft in	2,450 / 8'0"	—
Tractor shipping weight ¹⁾	kg / lb	15,130 / 33,356	—
F Track shoes 610 mm / 24"			
Width over tracks	mm / ft in	2,500 / 8'2"	—
Tractor shipping weight ¹⁾	kg / lb	15,270 / 33,665	—
F Track shoes 812 mm / 32"			
Width over tracks	mm / ft in	—	2,946 / 9'8"
Tractor shipping weight ¹⁾	kg / lb	—	16,042 / 35,367
F Track shoes 864 mm / 34"			
Width over tracks	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°
		24°	24°	24°	24°
F Blade angle adjustment					
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	—	—
	kg / cm ² / psi	0.44 / 5.26	0.45 / 6.40	—	—
Ground pressure, ISO16754 ¹⁾					
F Track shoes 610 mm / 24"					
Operating weight ¹⁾	kg / lb	17,658 / 38,929	17,935 / 39,540	—	—
	kg / cm ² / psi	0.41 / 5.83	0.41 / 5.83	—	—
Ground pressure, ISO16754 ¹⁾					
F Track shoes 812 mm / 32"					
Operating weight ¹⁾	kg / lb	—	—	18,583 / 41,588	18,908 / 41,685
	kg / cm ² / psi	—	—	0.32 / 4.55	0.33 / 4.69
Ground pressure, ISO16754 ¹⁾					
F Track shoes 864 mm / 34"					
Operating weight ¹⁾	kg / lb	—	—	18,864 / 41,588	19,189 / 42,304
	kg / cm ² / psi	—	—	0.31 / 4.41	0.31 / 4.41
Ground pressure, ISO16754 ¹⁾					

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

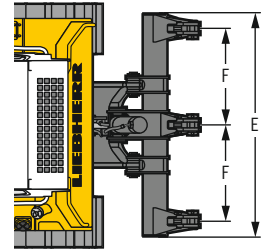
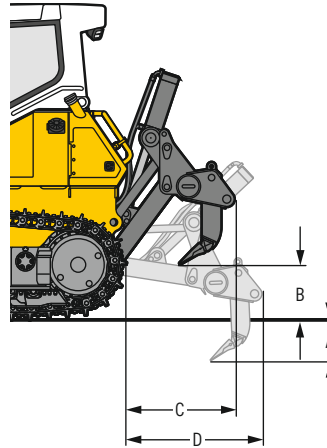
²⁾ Blade angled and max. tilted.

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

		rigid
A Additional length	mm	474
	ft in	1'7"
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

