

Breaking New Ground

TLB 818S Backhoe Loader

- Fuel Efficient 92hp Perkins Engine
- With Smart UC Hydraulics for Low Fuel Consumption
- Highly Reliable Carraro Axle Transmission
- Larger Standard Front Wheels
- Covered, Protected and Well Routed Hoses
- Ergonomically Designed Large & Wide Cabin
(Optional - AC Cabin / Canopy Design)



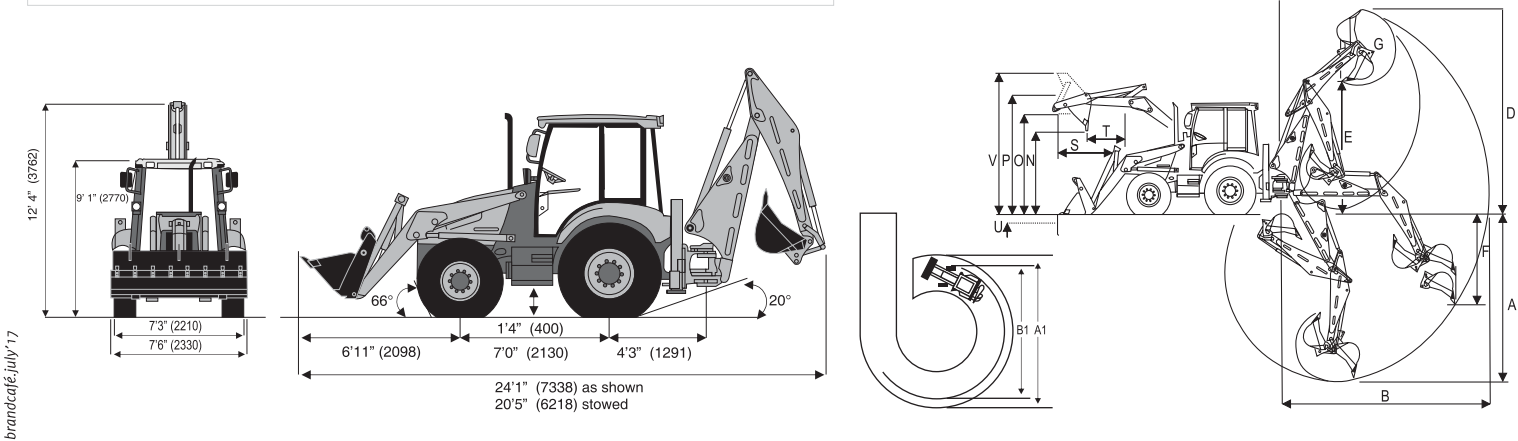
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Technical Specifications

TLB 818S

Engine		
Perkins 1104C - 44T Turbo Charged Water Cooled Tier - II Engine		
Gross Power	68.5 KW (92HP) @ 2200 RPM	
Capacity	4.4 ltr	
Torque Max.	395 NM @ 1350 RPM	
Hydraulics		
Maximum Flow (both pumps)	142 LPM(80+62) @ 2200 RPM	
Main Relief Pressure	3250 PSI (225 bar)	
Dual Work Modes: Economy and Power, by selection of twin vs single pump		
Transmission		
Carraro transmission, Four Speed (4 Forward, 4 Reverse gear) Synchro shift reversing shuttle Transmission, with modulated clutch packs		
Two Wheel Drive is standard (Four Wheel Drive optional)		
Torque Converter Stall Ratio:	3.01:1	
Axle		
Rear Drive Axle rigidly mounted with out board planetary final drives for easy maintenance		
Front-steer Axle with 16° oscillation for maximum ground contact in undulated conditions		
Steering		
Reliable hydraulically assisted power steering		
Brakes		
Self-actuating and self-adjusting, high capacity, sealed, wet disc brakes		
Tyres	Standard Traction	Optional / Heavy Duty
Front	9 x 16 - 16 PR	12.5x18 -12 PR/ 9 x 16 - 16 PR
Rear	16.9 X 28 - 12 PR	14 x 25 - 20 PR
Electrical System		
12V and 75A system with 130AH water and dust proof connectors and low maintenance battery		
Travel Speeds		
Forward/Reverse Gear	1 st 5.4 Km/hr, 2 nd 8.6 Km/hr, 3 rd 19.9 Km/hr, 4 th 40 Km/hr	
Buckets		
Backhoe Bucket	Standard Capacity cu m	0.24
	Width mm (in)	892 (35)
	Optional Backhoe buckets cu m(in)	0.09 (18) 0.12 (21) 0.18 (28) 0.31 (42)
Loader Bucket	Standard Capacity cu m	1.0
	Width mm	2235
Static Dimensions		
Overall Length	7338 mm	Overall Width 2235 mm
Overall Height	3762 mm	Cabin Height 2770 mm
Wheel Base	2130 mm	Ground Clearance 400 mm
Turning Radius	Over Tyres	Over Bucket
A1. Inner Wheels not braked m(ft)	8.4 (27'7")	11.1 (36'5")
B1. Inner Wheels braked m(ft)	7.2 (23'8")	10.0 (32'10")
(with 12.5x18-12 PR tyre size fitment)		

Backhoe Performance - Range & Forces		Standard Dipper		Extending Dipper	
				Ret.	Ext.
A. Max. Dig Depth	mm (ft)	4741(15'6")	4741 (15'6")	5815 (19'1")	
B. Max. Reach-Ground Level To Slew centre	mm (ft)	5730 (18'10")	5730 (18'10")	7020 (23'1")	
C. Max. Loading Reach	mm (ft)	1996 (6'7")	1996 (6'7")	2924 (9'7")	
D. Max. Operating Height	mm (ft)	5659 (18'7")	5659 (18'7")	6637 (21'9")	
E. Max. Loading Height SAE	mm (ft)	3553(11'8")	3553 (11'8")	4531 (14'10")	
Max Load Height	mm (ft)	3871(12'8")	3817 (12'8")	4849 (15'11")	
F. Max. Straight Wall Dig Depth	mm (ft)	2602 (8'54")	2602 (8'54")	3991(13'09")	
G. Max. Bucket Rotation	deg	194°	194°	194°	
Total Side Shift	mm (ft)	1198 (3'93")	1198 (3'93")	1198 (3'93")	
Dipper Tearout	Kgf	3946	3946	2644	
Bucket Tearout	Kgf	5219	5219	5219	
Hydraulic Lift Capacity	Kg	1384	1184	812	
Loader Performance		Standard Shovel	7-in-I Shovel		
N. Max. Dump Height at 45°	mm (ft)	2708 (8'11")	2708 (8'11")		
O. Max. Loadover Height	mm (ft)	3310 (10'10")	3319 (10'10")		
P. Max. Hinge Pin Height	mm (ft)	3550 (11'8")	3550 (11'8")		
S. Max. Reach at Full Height	mm (ft)	1282 (4'3")	1282 (4'3")		
T. Max. Reach at Full Height-45°	mm (ft)	829 (2'9")	829 (2'9")		
U. Below Ground Dig Depth	mm (ft)	156 (6")	156 (6")		
Roll Back at Ground	deg	45°	45°		
Max Dump Angle	deg	57°	57°		
V. Max Operating Height	mm (ft)	4230 (13'11")	4298 (14'1")		
Shovel Breakout	kgf	4756	4580		
Arms Breakout	kgf	4685	4345		
Lift capacity to full height	kg	3465	3058		
Operating Weight					
Machine Kerb Weight			7500 KG		
Machine Kerb Weight with 4 WD			7600 KG		
Machine Kerb Weight with 4 WD 7 in 1			7930 KG		
Service Refill Capacities					
Fuel Tank	120 L	Transmission	15 L		
Engine Coolant	16 L	Rear Axle	17.5 L		
Engine Oil	9.1 L	Hydraulic Oil	90 L		
Optional Attachments / Features					
AC Cabin/ Canopy		Ditch Cleaning Bucket			
Four Wheel Drive (instead of 2WD)		1.2 cu m Loader Bucket			
7-in-1 Clam-shovel		Ripper Tooth			
Customised Range of Trenching Buckets		Extendable Dipper			



Effective Date: May, 2017. All dimensions, weights and timings are variable within 1.5%, Company reserves the right to change specifications without prior notice. The illustration do not necessarily show the standard version of the machine. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instruction on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and we make no other warranty, express or implied.

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