

# BREAKING NEW GROUND

## Terex® 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)



**TEREX®**

**WORKS FOR YOU.™**



# 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 (90+82) @ 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 16.5 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" 5.4 Km/hr, 2" 8.8 Km/hr, 3" 19.9 Km/hr, 4" 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")	5815 (19'1")
B. Max. Reach-Ground Level To Slew centre	mm (ft)	5730 (18'10")	7020 (23'1")
C. Max. Loading Reach	mm (ft)	1986 (6'7")	2924 (9'7")
D. Max. Operating Height	mm (ft)	5659 (18'7")	6637 (21'9")
E. Max. Loading Height SAE	mm (ft)	3553 (11'8")	4531 (14'10")
Max Load Height	mm (ft)	3871 (12'8")	4849 (15'11")
F. Max. Straight Wall Dig Depth	mm (ft)	2602 (8'5")	3991 (13'09")
G. Max. Bucket Rotation	deg	194°	194°
Total Side Shift	mm (ft)	1198 (3'93")	1198 (3'93")
Dipper Tearout	Kgf	3946	2644
Bucket Tearout	Kgf	5219	5219
Hydraulic Lift Capacity	Kg	1884	1184

## Loader Performance

### Standard Shovel

### 7-in-1 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	4655	4345
Lift capacity to full height	kg	3465	3058

## Operating Weight

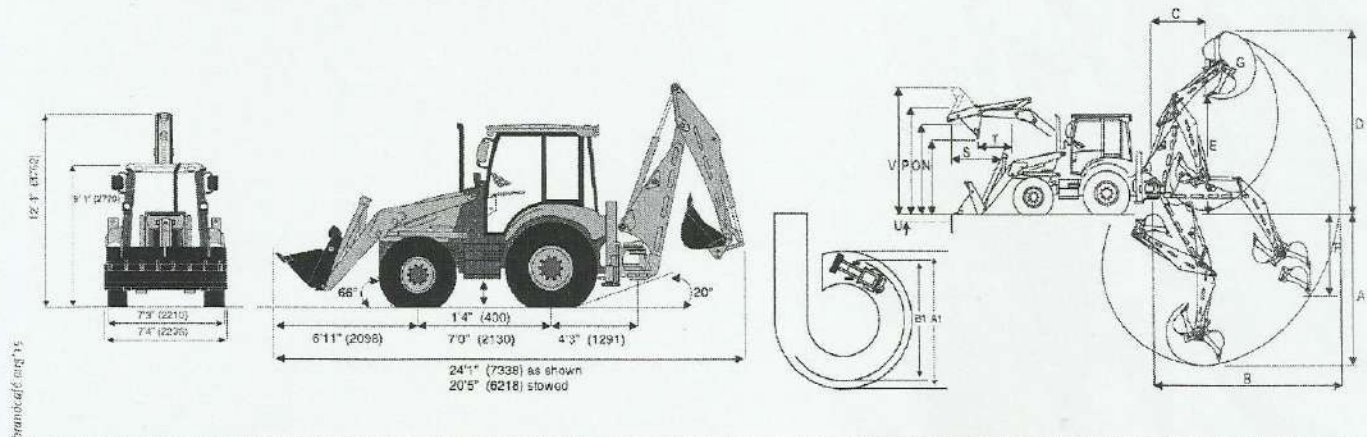
Machine Kerb Weight	7500 KG
Machine Kerb Weight with 4 WD	7600 KG
Machine Kerb Weight with 4 WD 7 in 1	7930 KG

## 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 Tool
Customised Range of Trenching Buckets	Extendable Dipper



Effective Date: January, 2015. All dimensions, weights and timings are variable within 1.5%. Terex 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 Operators Manual for instruction on the proper use of this equipment. Failure to follow the appropriate Operators Manual when using our equipment or to otherwise act responsibly 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. Products and services listed may be trademarks, service marks or trade names of Terex Corporation or its subsidiaries in the U.S.A. and many other countries. All rights are reserved. Terex® is a registered trademark of Terex Corporation in the U.S.A. and many other countries.



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