

HP/kW  
96/72

New Holland

B80B TLB



New Holland's B Series backhoe loader is an excavator and a wheel loader rolled into one. Particularly useful on farms and busy livestock units as well in any construction site : performance and ability to do a multitude of different tasks, no other machine is as "multi-purpose" as the B Series.

The Extendahoe allows the operator to increase the overall reach of the backhoe loader while keeping the same strength of a standard dipper. The Extendahoe makes the backhoe comparable to the loader of a middle class excavator, but with higher flexibility and better transportability. The 'Return to dig' option automatically sets the bucket back to the digging position, flat to the ground.

The in-line cylinder backhoe provides high performance in terms of lifting capacity, digging depth and digging force and raises a new standard in this machine segment.

The largest cab in the industry offers a comfortable working space for both the operator and a potential assistant. Visibility is excellent to the rear and to the bucket edge. There is a good view of the attachment and corners, which improves comfort and works site safety for greater productivity. The very good view to the attachment and corners improves comfort and jobsite safety, for greater productivity. All the controls have been specially positioned to offer easy access and faster control.

# SPECIFICATIONS

## B80B

<b>Engine</b>		
Engine make		FPT 8045.45
Displacement		3.9 Litre
Power output Gross (ISO 14396)		96hp/72kw at 2200 RPM
Torque Gross (ISO 14396)		420 Nm at 1300 RPM
Injection		Mechanical
Emissions regulated		Tier 3
<b>Powertrain</b>		
Transmission		Carraro
Model		4WD TLB1
Type		Synchro Shuttle
Forward speeds (km/h)		6 – 10 – 21 - 39
Reverse speeds (km/h)		7 – 12 – 24 – Not Rec
Front axle		Carraro 26.17M
Rear axle		Carraro 28.32M
Service brake		Wet disc type
Park brake		Caliper type
<b>Hydraulics</b>		
Hydraulic system type		Closed centre, load sensing
Pump type		Tandem gear pump
Maximum flow rate		151 Litres/min
Maximum operating pressure		210 bar
<b>Fluid Capacities</b>		
Fuel tank	litres	129
Engine oil	litres	9.1
Coolant	litres	24
Transmission oil	litres	20.8
Hydraulic oil	litres	107
<b>General Dimensions</b>		
Reach at ground	mm	1980
Wheelbase	mm	2180
Overall travel length	mm	5880
Travel height	mm	3790
Cab height	mm	2870
Minimum ground clearance	mm	399
Stabilizer width	mm	2270
Overall width	mm	2277
<b>Loader Dimensions</b>		
Digging depth (GP)	mm	98
Roll bank angle	degrees	36
Maximum reach	mm	760
Maximum height	mm	4190
Hinge pin height	mm	3580
Maximum dump height at 45 degrees	mm	2720
Maximum lift capacity at full height	kg	3425
Loader arm breakout force	kgf	6314
Loader bucket breakout force	kgf	6250
General purpose loader bucket	cubic m	1
<b>Backhoe Dimensions</b>		
Digging reach at ground level	mm	5657
Maximum digging depth	mm	4399
Maximum dump height	mm	3644
Maximum digging height	mm	5489
Dipper arm breakout force	kgf	4370
Bucket breakout force	kgf	5716
General purpose 600mm bucket	cubic m	0.14