

# B80C

## CENTER PIVOT

## BACKHOE LOADERS C SERIES



ENGINE	
Model	S8000 BS-3 - 8045.45.748
Type	Turbocharged aftercooler
Displacement / Compression ratio	3.9 l / 18.3:1
Bore/Stroke	104 x 115 mm
Horsepower - rated @ 2200 rpm	97 hp
Maximum torque @ 1300 rpm	420 Nm
Engine speeds	2200 rated speed, full load

POWER TRAIN	
Transmission	2WD or 4WD
Type	Power Shuttle with 4 forward and 4 reverse travel gears
Gear	Forward - Reverse (speed km/h)
1st - 2nd - 3rd - 4th Speed	6.2/7.4 - 10/12 - 20.7/24.8 - 39.2/NR

FRONT AXLE	
2 Wheel Drive (Standard)	
Type - Oscillation	+/- 10.5°
4 Wheel Drive (Optional)	
Type - Oscillation	+/- 8°

REAR AXLE	
Type	Rigid

BRAKES	
Services brakes	Hydraulic foot operated, 2 discs per side
Parking Brakes	Type: Manual, with lever

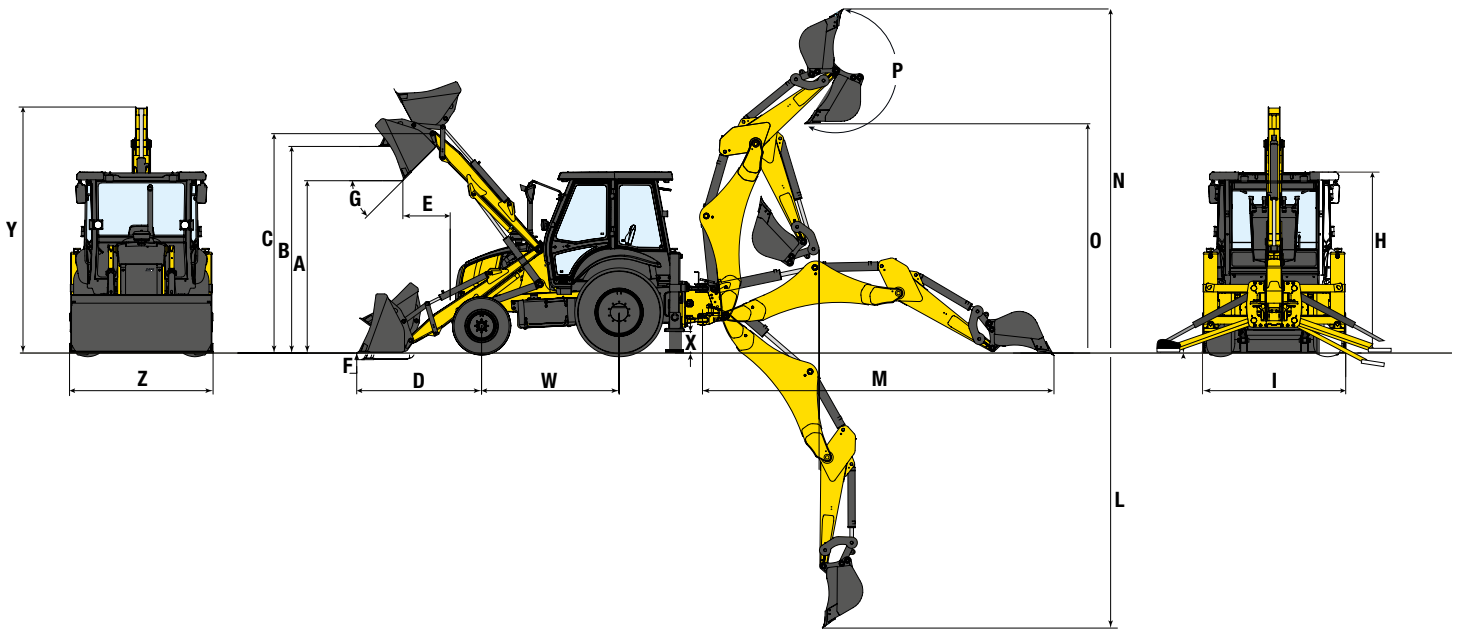
TYRE SIZE RECOMMENDED	
2WD	9x16-16PR (front) 16.9x28-12PR (rear)
4WD	12.5-18,12PR (front) 16.9x28-12PR (rear)

HYDRAULIC SYSTEM	
Type	Open center with twin gear pump
Flow rate	145 lpm @ 2200rpm
Pressure	210 bar

STEERING	
Type	Power Steering
System pressure / Displacement	140 bar / 125cc
Turning radius (outside of the bucket)	5550 mm with brake
Tread width	1697 mm front

CABIN	
Certification	ROPS/FOPS
Air conditioning	Optional

SERVICE CAPACITIES	
Engine oil	8.6 ltr
Trasmission oil	20 ltr
Front axle oil	8.9 ltr
Rear axle oil	17.1 ltr
Hydraulic oil	107 ltr
Fuel tank	129 ltr
Coolant	20 ltr



Line drawings are for illustrative purpose only and may not be exact representation of unit.

GENERAL DIMENSIONS		
A	Dump height	mm 2720
B	Load over height	mm 3300
C	Hinge pin height	mm 3580
D	Reach at ground STD 1.0 CUM BUCKET	mm 1980
E	Reach at full height-bucket dumped	mm 760
F	Below ground level-dig depth	mm 110
G	Dump angle	° 45
	Maximum lifting capacity @ max height	Kg 3425

OVERALL DIMENSIONS AND WEIGHTS		
H	Cab height	mm 2825
I	Overall width	mm 2300
	Overall operating weight*	Kg 7310
W	Wheel base	mm 2175
X	Minimum ground clearance	mm 500
Y	Overall height (Transport)	mm 3790
Z	Width over bucket (Transport)	mm 2277

BACKHOE - STANDARD DIPPER 14'		
L	Max.dig depth	mm 4400
M	Reach ground level to swing center	mm 5625
N	Max working height	mm 5489
O	Max load over height	mm 3644
P	Bucket rotation	° 204
	Bucket breakout force (Max force hole)	daN 5616
	Dipper digging force	daN 4286

\*Unit equipped with: 2WD, STD backhoe 14", backhoe bucket 24", Cab W/HVAC

IMPORTANT: New Holland Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring on any obligation relating to such change. The illustrations and text may include optional equipment and accessories and may not include all standard equipment.