

NEW HOLLAND

W50/W60/W70/W80



COMPACT WHEEL LOADERS

	W50	W60	W70	W80
NET FLYWHEEL POWER	40 kW - 54 hp	44 kW - 59 hp	45 kW - 60 hp	56 kW - 75 hp
MAXIMUM OPERATING WEIGHT	4 450 kg	5 200 kg	5 300 kg	5 870 kg
BUCKET CAPACITY	0.65 - 0.80 m ³	0.80 - 0.90 m ³	0.90 - 1.00 m ³	1.00 - 1.20 m ³

 **NEW HOLLAND**

PROVEN PERFORMANCE

W50/W60/W70/W80



MODERN, SPACIOUS AND ERGONOMIC ROPS/FOPS CAB

- With all round 360° visibility. Front and rear wipers, heater and defroster for easy operations in all weather conditions. All controls are ergonomically positioned; adjustable steering column and retractable seat belt.



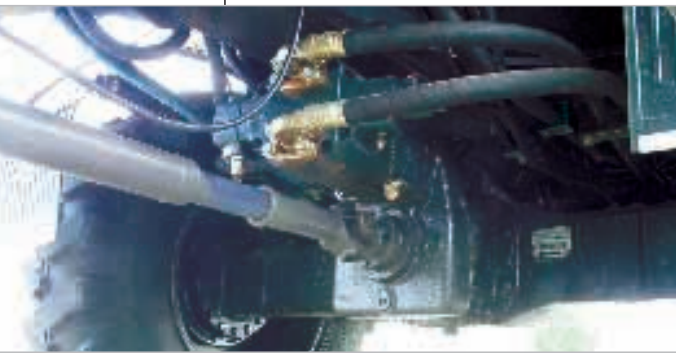
BUCKET AND EQUIPMENT MANIPULATOR

- With integrated F/N/R and speed shift selector. Instrument panel with electronic warning system.



NEW LOW EMISSION TIER 2 DEUTZ ENGINE

- Oil cooled, low fuel consumption, direct injection diesel engine, which complies with 97/68/EC rules.



FRONT AND REAR AXLES

- With planetary reduction outboard. Hydrostatic brakes hydraulically actuated with accumulator, dry disc type on front axle and joint shaft. Limited slip differentials: standard on front axle and optional on rear. Fixed front axle; Rear axle oscillating $\pm 12^\circ$.
- FT (fast Travel) version, available as optional for W80, includes:
 - Travel speed up to 35 km/h
 - Limited slip differential on rear axleTwo additional wet disc brakes on front axle





OUTSTANDING STABILITY

- Even at 41° articulation thanks to the long wheel base and to the low centre of gravity.

LOADER ARMS

- Built in a rugged z-bar geometry for exceptional breakout force and fast dumping speed.



STANDARD HYDRAULIC QUICK-HITCH

- Outstanding flexibility in all kind of applications to easily and quickly changeover of:
 - Multipurpose bucket
 - Fork lift
 - 4-in-1 bucket (3rd hydraulic function optional)



EASY ACCESSIBILITY

- To main components for quick and comfortable maintenance from ground level.



SPECIFICATIONS



ENGINE - W50

Net engine power (ISO 14396)40 kW/54 hp
 Engine speed2300 rpm
 Make and modelDeutz F4M2011
 Type.....low emission Tier II engine, oil cooled, direct injection
 Number of cylinders4
 Bore x stroke94 x 112 mm
 Aspirationnatural
 Air filterdry type
The engine conforms to 97/68/CE STAGE 2.



ENGINE - W60

Net engine power (ISO 14396)44 kW/59 hp
 Engine speed2400 rpm
 Make and modelDeutz F4M2011
 Type.....low emission Tier II engine, oil cooled, direct injection
 Number of cylinders4
 Bore x stroke94 x 112 mm
 Aspirationnatural
 Air filterdry type
The engine conforms to 97/68/CE STAGE 2.



ENGINE - W70

Net engine power (ISO 14396)45 kW/60 hp
 Engine speed2500 rpm
 Make and modelDeutz F4M2011
 Type.....low emission Tier II engine, oil cooled, direct injection
 Number of cylinders4
 Bore x stroke94 x 112 mm
 Aspirationnatural
 Air filterdry type
The engine conforms to 97/68/CE STAGE 2.



ENGINE - W80

Net engine power (ISO 14396)56 kW/75 hp
 Engine speed2300 rpm
 Make and modelDeutz BF4M2011
 Type.....low emission Tier II engine, oil cooled, direct injection
 Number of cylinders4
 Bore x stroke94 x 112 mm
 Aspirationturbocharged
 Air filterdry type
The engine conforms to 97/68/CE STAGE 2.



ELECTRICAL SYSTEM ALL MODELS

Operating voltage12 V
 Alternator55 A
 Battery1 x 92 Ah



HYDRAULIC SYSTEM - W50

Typegear type pump for implement and steering,
 open centre circuit, pressure/flow compensated.
 Optional 3rd hydraulic function for 4-in-1 bucket.
 Max. flow51 l/min
 max. working pressure230 bar



HYDRAULIC SYSTEM - W60

Typegear type pump for implement and steering,
 open centre circuit, pressure/flow compensated.
 Optional 3rd hydraulic function for 4-in-1 bucket.
 Max. flow64 l/min
 max. working pressure230 bar



HYDRAULIC SYSTEM - W70

Typegear type pump for implement and steering,
 open centre circuit, pressure/flow compensated.
 Optional 3rd hydraulic function for 4-in-1 bucket.
 Max. flow66 l/min
 max. working pressure230 bar



HYDRAULIC SYSTEM - W80

Typegear type pump for implement and steering,
 open centre circuit, pressure/flow compensated.
 Optional 3rd hydraulic function for 4-in-1 bucket.
 Max. flow72 l/min
 max. working pressure230 bar



TRANSMISSION ALL MODELS

Type.....hydrostatic transmission,
 (with automatic power regulation),
 inching pedal (slow approach),
 directional and gear change
 integrated into the loader control handle.
 Permanent 4 wheel drive.
 Forward/ Reverse speeds km/h
 1°0-6
 2°0-20
 2° FT (Fast Travel) optional only for W80.....0-35



AXLES - ALL MODELS

All wheel drive with planetaries outboard
 Front axle rigidlimited slip differential as standard
 Real axle oscillating.....± 12°
 Limited slip differential optional
 Or included in the optional FT Fast Travel) version, available for W80 only.

W70/W80



BRAKES - ALL MODELS

Service brakeshydrostatic, hydraulically actuated with accumulator, dry disc on front axle and joint shaft.

FT (Fast Travel) version (optional for W80 only) has two additional wet disc brakes on front axle, close to planetaries.

Parking brakesmechanical, on front axle and joint shaft



TYRES

For W50 - W60 - W70

Standard tyres335/80 R18

Optional tyres.....335/80 R20

365/70 R18

12.5-20 MPT

For W80

Standard tyres405/70 R20

Optional tyres.....375/75 R20

335/80 R18

14.5-20 MPT



STEERING

TypeORBITROL

Articulation angle±41°

Turning radius - bucket outer: W50-W60-W704150 mm

Turning radius - bucket outer: W80.....4600 mm



CAB AND CONTROLS

- Modern, spacious and ergonomic
- All round 360° visibility
- ROPS/FOPS
- Radio pre-equipment
- Adjustable steering column
- Heater and defroster
- Fully adjustable, cloth suspension seat
- Key start
- Foot throttle
- Electronic speed shift control and F/N/R switch in loader control handle
- Retractable seat belt
- Cup holder
- Storage tray
- Sun screen front and rear
- Dome light
- Wipers front and rear
- 12-volt auxiliary power
- External rearview mirrors
- Coat hook



CAPACITIES

Engine litres

Fuel tank100

Hydraulic system: W50-W60-W70.....60

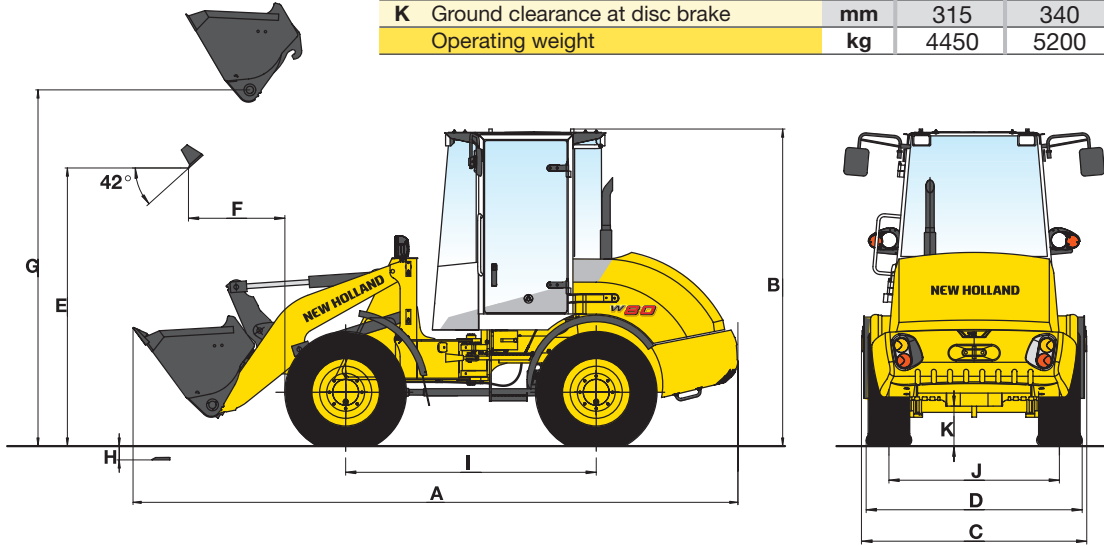
Hydraulic system: W80.....70



W50/W60/W70/W80

DIMENSIONS - OPERATING WEIGHT

WITH MULTIPURPOSE BUCKET		W50	W60	W70	W80	
A	Overall length	mm	5050	5400	5400	5500
B	Cab height	mm	2680	2800	2800	2800
C	Bucket width	mm	1900	2050	2050	2100
D	Width over tyres	mm	1780	1910	1910	1910
E	Dump clearance	mm	2410	2520	2520	2630
F	Bucket dumping reach	mm	780	790	840	940
G	Maximum pin height	mm	3070	3180	3180	3340
H	Digging depth	mm	50	85	85	85
I	Wheelbase	mm	2120	2250	2250	2350
J	Tread width	mm	1440	1520	1520	1520
K	Ground clearance at disc brake	mm	315	340	360	365
	Operating weight	kg	4450	5200	5300	5870

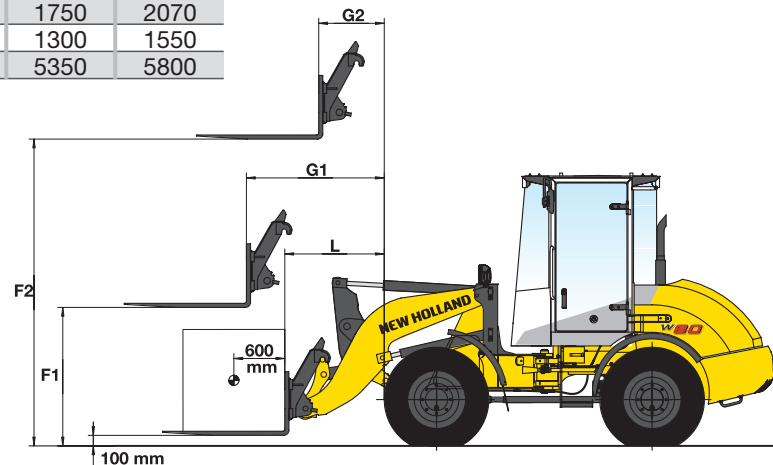


PERFORMANCE

	W50	W60	W70	W80	
Standard bucket capacity (1.8 density)	m3	0.70	0.80	0.90	1.10
Breakout	daN	5450	5936	5890	7500
Tipping load - In line	kg	3250	3658	4078	4370
Tipping load - Turned to 41°	kg	2700	3100	3300	3565
Bucket width	mm	1900	2050	2050	2100
Lift capacity at ground level	daN	4020	4300	4780	5700

DIMENSIONS - OPERATING WEIGHT

WITH PALLET FORKS		W50	W60	W70	W80	
Fork length	mm	1200	1200	1200	1200	
Fork support width	mm	1383	1383	1383	1383	
Weight	kg	300	340	340	340	
F1	Height at maximum reach	mm	1325	1410	1410	1470
F2	Maximum height	mm	2940	3000	3000	3120
L	Ground reach	mm	700	750	750	770
G1	Maximum reach	mm	1200	1215	1215	1310
G2	Reach at maximum height	mm	500	475	475	600
	Payload flat terrain - turned 41°	kg	1480	1650	1750	2070
	Payload rough terrain - turned 41°	kg	1100	1250	1300	1550
	Operating weight	kg	4290	5100	5350	5800



STANDARD EQUIPMENT

- 4 wheel drive
- Adjustable steering column
- Air filter warning
- Alarm and warning lights
- Bucket equipment control lever with F/N/R and speed shift selector
- Bucket returns automatically to horizontal position when lowering boom from maximum height and bucket fully rolled out
- Cab air filter
- Direction indicator
- Dry disc service and parking brake
- Electrical circuit protection
- Forward or reverse drive indicator
- Front and rear fenders
- Halogen headlights
- Heated cab
- Horn
- Hourmeter
- Hydraulic cooler
- Hydraulic quick coupler
- Hydraulic return filter
- Inching pedal
- Instrument panel with electronic warning system
- Planetary reductions outboard
- Parking brake
- Retractable seat belt
- ROPS/FOPS cab
- Side and brake lights

OPTIONAL EQUIPMENT

- 3rd hydraulic function (for 4-in-1 bucket)
- Additional counterweight
- Additional headlight
- Anti-start device
- Audible reversing warning
- Auxiliary hydraulics
- Bucket position indicator
- FT (Fast travel) version available for W80, includes:
 - limited slip differential on rear axle
 - two additional wet disc brakes on front axle;
- High performance heating
- High performance heating with air conditioning
- Limited slip differential rear axle
- Radio-cassette player
- Rotating beacon
- Safety valves on loader arms

Note: standard and optional equipment may vary by country. Consult your NEW HOLLAND dealer for specific details.

BUCKETS

MODEL	SAE CAPACITY / m ³	WIDTH / mm	WEIGHT / kg
W50	0.65	1800	250
W50	0.70	1900	265
W50	0.80	1900	295
W60	0.80	2050	315
W60	0.90	2050	335
W70	0.90	2050	335
W70	1.00	2100	365
W80/FT	1.00	2100	365
W80/FT	1.10	2100	370
W80/FT	1.20	2100	410



PARTS & SERVICE

The New Holland dealer network is, in itself, the best guarantee of continued productivity for the machines it delivers to its customers. New Holland service technicians are fully equipped to resolve all maintenance and repair issues, with each and every service point providing the high standards they are obliged to observe under New Holland's stringent quality guidelines.

The New Holland global parts network ensures fast, reliable, replacement parts for less downtime, increased productivity and, of course, profitable operation for its customers.

AT YOUR OWN DEALERSHIP

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