

# WHEEL LOADERS.

**W50 | W80 | W110B | W130B | W170B | W190B | W270B**

Enhanced machine structure | Tier 3A engine | Integrated hydraulic and steering system | Advanced cooling system | Enhanced load sensing system | Multiple work mode | Better balance and stability | High breakout force | Space lab cab | Maximum visibility | Easy maintenance and servicing



Model	W50	W80	W110B	W130B	W170B	W190B	W270B
Bucket Capacity	0.65 - 0.8 m <sup>3</sup>	1 - 1.2 m <sup>3</sup>	1.7 - 2.1 m <sup>3</sup>	2 m <sup>3</sup>	2.4 m <sup>3</sup>	3.1 / 3.5 m <sup>3</sup>	4.0 / 4.6 m <sup>3</sup>
Operating weight	4800 Kg	5900 Kg	10680 Kg	12530 Kg	14840 Kg	17600 Kg	23480 Kg
Static tipping load - Straight	3565 Kg	4420 Kg	8380 Kg	10755 Kg	13760 Kg	14500 Kg	19500 Kg
Power	38 kW	56 kW	89 kW	110 kW	145 kW	169 kW	239 kW
Maximum breakout force	5400 daN	5200 daN	8095 daN	10915 daN	14310 daN	17500 daN	22700 daN
Engine	Deutz	Deutz	CNH	CNH	CNH	CNH	Cummins

**EOSTRA**  
HOLLANDS LIMITED



**BUILT AROUND YOU**

# SPECIFICATIONS

Model	W50	W80	W110B	W130B	W170B	W190B	W270B
<b>Engine</b>							
Net Power	38kW	56 kW	89 kW	110 kW	145 kW	169 kW	239 kW
Engine	Deutz	Deutz	CNH	CNH	CNH	CNH	Cummins
Displacement	3.1 litres	3.1 litres	4.5 litres	6.7 litres	6.7 litres	6.7 litres	10.8 litres
Cylinders	4	4	4	6	6	6	6
Bore x Stroke	94 x 112 mm	94 x 112 mm	104 x 132 mm	104 x 132 mm	104 x 132 mm	104 x 132 mm	125 x 147 mm
Rated engine speed	2300 rpm	2300 rpm	2000 rpm	2000 rpm	2000 rpm	2000 rpm	2100 rpm
Max. torque	24 daNm	24 daNm	45.5 daNm	67 daNm	86.2 daNm	100 daNm	145 daNm
<b>Electrical System</b>							
Batteries	1 x 92 Ah	2 - 24 V	2 - 24 V	2 - 24 V	2 - 24 V	2 - 24 V	2 - 24 V
<b>Transmission</b>							
Type	Hydrostatic	Hydrostatic	Powershift ZF	Powershift ZF	Powershift ZF	Powershift ZF	Powershift ZF
Gears	2 forward / 2 reverse	2 forward / 2 reverse	4 forward / 3 reverse	4 forward / 3 reverse	4 forward / 3 reverse	4 forward / 3 reverse	4 forward / 3 reverse
Travel speed (max)	20 km/h	20 km/h	37.6 km/h	38.6 km/h	38 km/h	37 km/h	37.4 km/h
<b>Tyres</b>							
Radial	14.5 - 20	405 / 70 x 20	17.5 - 25	20.5 - 25	20.5 - 25	23.5 - 25	26.5 - 25
<b>Hydraulic System</b>							
Max. flow delivery	51 litres / min	73 litres / min	134 litres / min	134 litres / min	206 litres / min	240 litres / min	324 litres / min
Max. working pressure	250 bar	270 bar	250 bar	250 bar	250 bar	250 bar	248 bar
<b>Steering</b>							
Type	Orbitrol	Orbitrol	Orbitrol	Orbitrol	Orbitrol	Orbitrol	Orbitrol
Articulation	40°	40°	40°	40°	40°	40°	40°
<b>Bucket (no teeth)</b>							
Bucket Capacity	0.65 - 0.8 m³	1 - 1.2 m³	1.7 m³	2 m³	2.4 m³	3.1 / 3.4 m³	4.0 / 4.6 m³
Bucket weight (kg)	265 Kg	650 Kg	967 Kg	1085 Kg	1475 Kg	1600 / 1630 Kg	2090 / 2220 Kg
Bucket width (m)	1.9 m	2.10 m	2.440 m	2.53 m	2.47 m	3.00 m	3.045 / 3.200 m
Turning radius	4.4 m	4.6 m	5.5 m	5.7 m	6.2 m	6.70 m	6.90 m
Breakout force	5400 daN	5200 daN	8095 daN	10915 daN	14310 daN	17500 / 16200 daN	22700 / 21500 daN
Max. operating weight	4 800 Kg	5900 Kg	10680 Kg	12530 Kg	14840 Kg	17600 Kg	23480 Kg
<b>Dimensions</b>							
Transport length	5.250 m	5.750 m	7.100 m	7.400 m	8.200 m	8.130 m	8.955 m
Transport height	2.680 m	2.800 m	3.265 m	3.290 m	3.370 m	3.470 m	3.715 m

13 PRODUCT FAMILIES • 80 BASE MODELS • OVER 600 CONFIGURATIONS

## BRANCHES:

Johannesburg | Durban | Port Elizabeth | Nelspruit | Rustenburg | Kimberley |  
Kathu | Cape Town | Middelburg | Polokwane



Finance and insurance options available on request.

## FINANCE

National: 011 977 8300 | Customer Service: 0861 NEWHSA | Website: [www.nhconstruction.co.za](http://www.nhconstruction.co.za)

