

D140_B



D140B

MAX. ENGINE POWER

97 kW - 130 hp

OPERATING WEIGHT

13053 - 13588 kg



BUILT AROUND YOU

D140B

SPECIFICATIONS



ENGINE

Make and model FPT NEF - F4HE9684K*J100

Horsepower @ 2200 RPM (SAE J1349)

Gross: 97 kW - 130 hp

Net (cab version): 88 kW - 118 hp.

Net (canopy version) 90 kW - 121 hp.

Max. torque @ 1400 RPM

Gross: 589 Nm

Net: 567 Nm

Type turbo charged, water cooled,

4 stroke cycle diesel engine, electronic fuel injection with crank case shield

Number of cylinders 6

Bore x stroke 104 x 132 mm

Displacement 6.7 l

Governed 2200 rpm



ELECTRICAL SYSTEM

Voltage 24V

Battery N° 2

Starter 7.5 kW

Alternator 65 A



TRANSMISSION

Dual path infinitely variable, hydrostatic, 2 helical gear reductions w/ planetary output reduction

Pump variable displacement axial piston type

Motor variable displacement bent axis piston type

Maximum drawbar pul 213.5 kN

Transmission Single lever control - electronic straight tracking

Oil filter 4 micron, replaceable with 100 mesh suction screen

Travel speeds:

Forward infinitely variable from 0 - 10 km/h

Reverse infinitely variable from 0 - 10 km/h



BRAKES

Parking brakes spring applied pressure released

Steering brakes Hydrostatic



FINAL DRIVES

2 helical gear reductions w/ planetary output reduction

Ratio 61.4 : 1



TRACK

Track adjustment Hydraulic

Frame Oscillating equalizer beam suspension and pivot shaft

Track link pitch 175 mm

Track shoe height 52.5 mm

Pin diameter 36.58 mm

Bushing diameter

SALT track 62 mm

ALT track 79 mm

Track shoes per side 43

Track rollers per side 7

Carrier rollers per side 2

Track roller rail diameter 190 mm

Track shoes width (mm) 508

Ground contact area (508 mm shoes) 26322 cm³

Ground pressure PAT 120" Blade PAT (508mm shoes) 6.8 psi



BLADE

"C" frame hinged to mainframe chassis with bushing and pin.

Hydraulic tilt and angle, mechanical pitch

Variable blade pitch 55° +/- 5°

Cutting edge Reversible, replaceable

Width 203.2 mm

Thickness 19.1 mm



HYDRAULIC SYSTEM

Compensated pressure system with a closed centre distributor and gear pump.

Pump gear type

Capacity at governed 2200 rpm 132 l/min

Relief valve pressure 195 bar

Lift Cylinders:

Bore diameter (mm) 108.0

Stroke (mm) 445.0

Rod diameter (mm) 50.8

Collapsed length (mm) 757.0

Angle Cylinders:

Bore diameter (mm) 127.0

Stroke (mm) 381.0

Rod diameter (mm) 63.5



CAPACITIES

Fuel tank 300 l

Crankcase 16.4 l

Engine Coolant 32,47 l

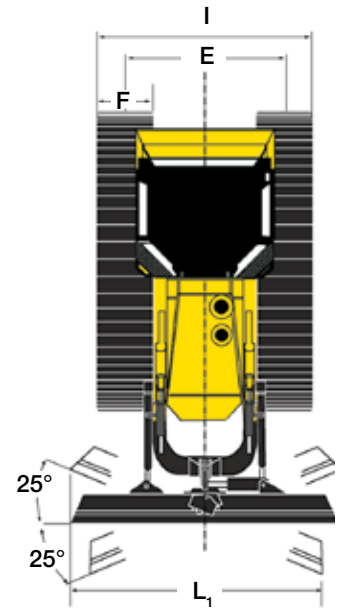
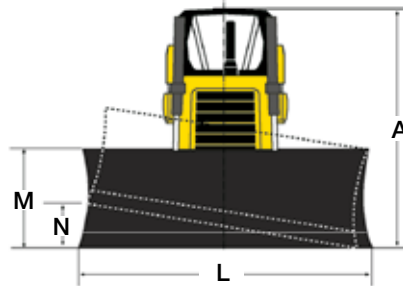
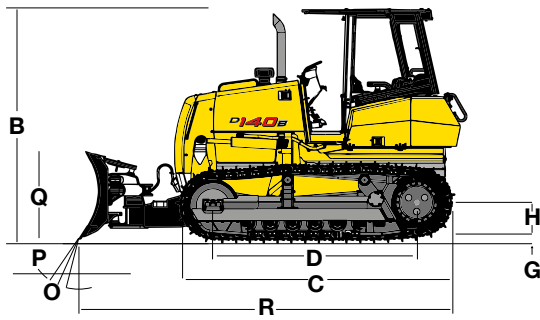
Hydraulic system - transmission and implement 98,4 l

Hydraulic reservoir 210 l

Final drive 14,2 l

D140B

DIMENSIONS



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

TRACTOR DIMENSIONS

A	Height over ROPS Canopy	mm	2822
B	Height over muffler	mm	2849
C	Tractor length	mm	3611
D	Length of track on ground	mm	2590
E	Gauge	mm	1780
F	Track shoes width	mm	508
G	Shoe grouser height	mm	52.5
H	Ground clearance	mm	379
I	Width over track	mm	2288

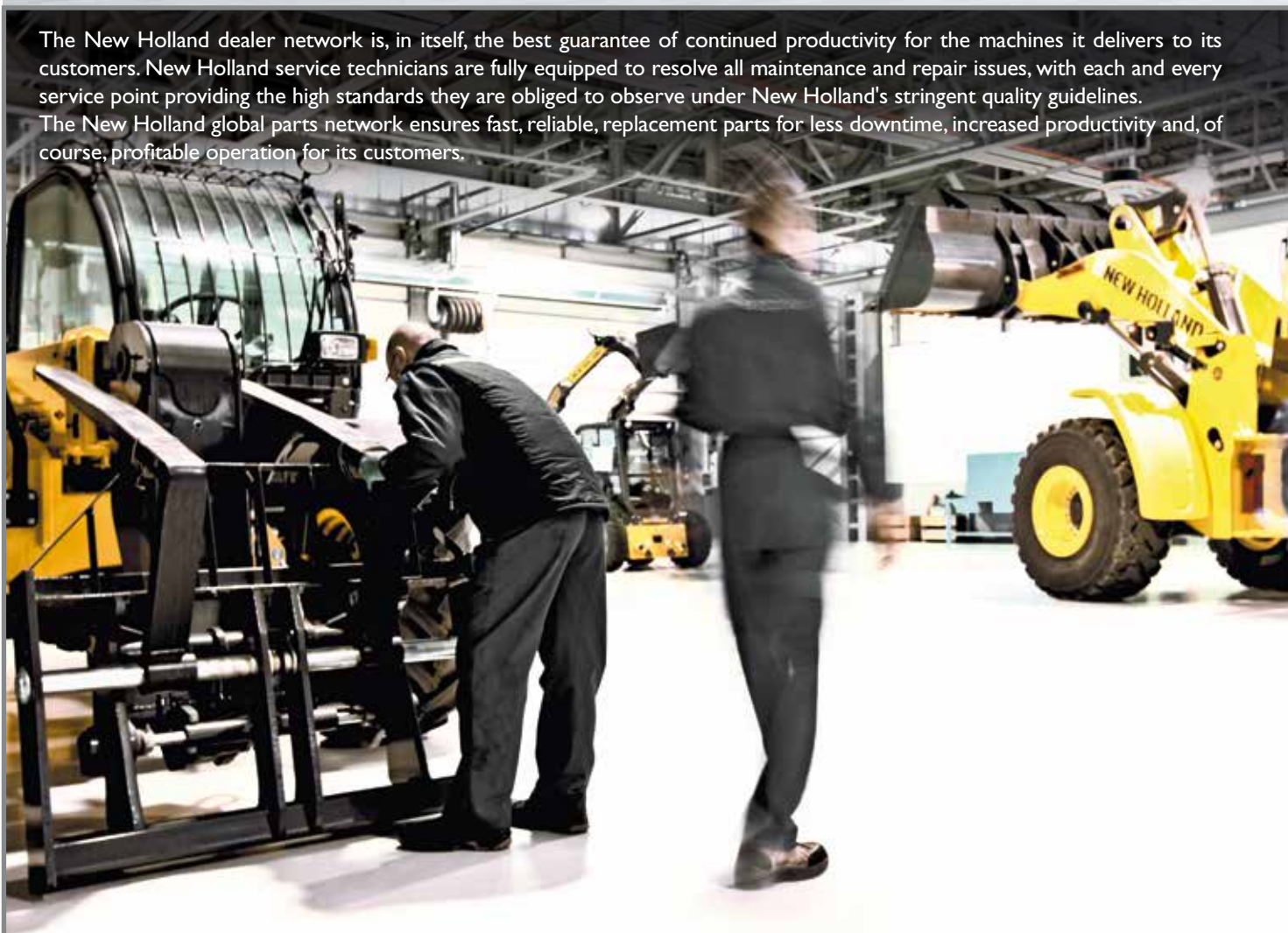
BLADES DIMENSIONS

	Blade capacity	m ³	2.9 (ISO 9246)	3.2 (ISO 9246)
L	Width of blade	mm	3048	3355
L₁	Width of blade in transport position	mm	2819	3096
M	Height of blade	mm	1119	1119
N	Max. tilt	mm	439	450
O	Max. pitch	°	5	5
P	Digging depth	mm	483	483
Q	Max. lift above ground	mm	965	965
R	Overall length with blade straight with drawbar	mm	5025	5025
R	Overall length with blade straight without drawbar	mm	4786	4786
	Operating weight with ROPS cab & blade	Kg	13502	13588
	Operating weight with ROPS canopy & blade	Kg	13053	13139

Includes, SALT chain ,508 mm shoes, 3048mm blade or 3353mm blade, 100% fuel, hydraulic oils and 77kg operator

PARTS AND SERVICE

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