



DEZZI DG140C MOTOR GRADER



BUILT AFRICA TOUGH

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www.dezzi.co.za



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SPECIFICATION SHEET

*Desmond Equipment SA (Pty) Ltd reserves the right to modify specifications without notice.

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ENGINE

Model :	Weichai WP7G
Type :	Water-cooled, in line six-cylinder,turbocharged, high pressure common rail
No. of cylinders :	6
Emission standard :	Tier 3
Displacement :	7.47L
Rated power :	162kW /22 00rpm
Maximum torque :	1000Nm/1300-1500rpm

TRANSMISSION SYSTEM

Transmission type	Countershaft, electro-hydraulic control
Torque converter	Single stage, single-phase, three-element
Max. travel speed (forward)	40.9km/h
Max. travel speed (reverse)	25km/h
Forward gears	6
Reverse gear	3
Torque converter	Single-stage, 3-element
Travel speed (forward) 1-6	5.3/9.1/11.9/20.2/25.0/40.9km/h
Travel speed (reverse) 1-3	5.3/11.9/25km/h
Forward gears	6
Reverse gear	3

DRIVE AXLE

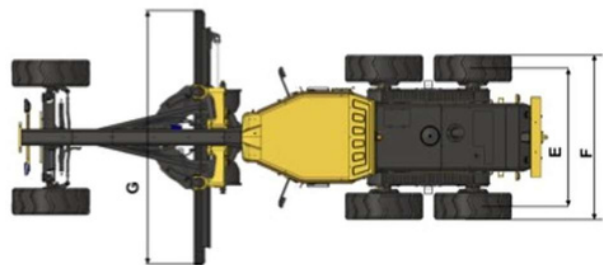
Rear axle	Modular, reduction of planetary gear, "no spin" automatic limited slip differential
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STEERING

Inclination angle of front axle	±18°
Front wheel steering angle	±50°
Rotation angle of articulation	±23°
Minimum turning radius	7500mm

BLADE

Turning angle of blade	360°
Blade length	4270mm
Blade height	620mm
Thickness of blade	20mm
Cutting angle of blade	22-73°
Penetrating depth of blade	970mm
Lifting height of blade	440mm
Maximum side stretching distance	2100mm
Swing angle of blade	±90°



BRAKES

Parking Brake	Drum-type, manual
Service brake type	Caliper disc type, hydraulic power-assisted, four wheel brake

TYRES

Tyre size	17,5-25 12PR
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HYDRAULIC SYSTEM

Working pump	Gear pump 32ml/r + 32ml/r; Piston pump, 75ml/r
Overflow pressure	18/24Mpa

FLUID CAPACITIES

Fuel Tank	360L
Hydraulic oil tank	85L
Engine oil	24L
Transmission	28L
Antifreeze	30L
Rear Differential	30L
Tandem drive (per side)	35L

ELECTRICAL SYSTEM

Battery	2x12v, 105Ah
Alternator	28v, 80A
Starter motor	24v, 5kW

OPERATIONAL WEIGHTS

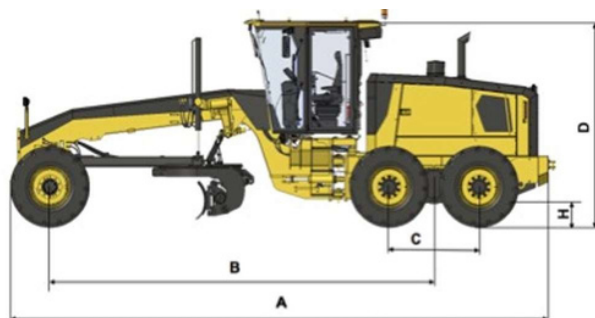
With rear ripper	18250kg
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RIPPER

Ripping depth	270mm
Number of shanks	5
Shank spacing	520mm
Working width	2080mm

DIMENSIONS (mm)

A	Vehicle length	10620mm
B	Front and rear wheelbase	6560mm
C	Rear wheel track	1538 mm
D	Height - Cab	3358 mm
E	Wheel tread Width	2155mm
F	Outside edge of tyres	2600mm
G	Blade length	4270 mm
H	Minimum ground clearance	375 mm



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