



DEZZI DS120B SKIDDER

4X4



BUILT AFRICA TOUGH

Designed & Manufactured in South Africa

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DEZZI DS120B SKIDDER

SPECIFICATION SHEET

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

ENGINE

TYPE : Cummins
 MODEL : 6BT - 5.9 Turbocharged - FR90869 Tier 2
 CAPACITY : 5.9 Litres
 POWER : 123KW @ 2500 RPM
 TORQUE : 609Nm @ 1600 RPM

TRANSMISSION

TYPE : ZF
 MODEL : 6WG160
 GEARS : 5 Forward
 3 Reverse
 TORQUE CONVERTER : W300

AXLES

FRONT : ZF MTS 3085 with limited slip
 REAR : ZF MTS 3095 with diff lock

TYRES

STANDARD TYRES : 23.1 x 26 Forestry Special

BRAKES

SERVICE BRAKE

- Outboard, sealed, wet brakes activating all four wheels (max pressure 70 Bar)
- Back-up emergency stored system pressure for 15 full brake applications

PARK / EMERGENCY BRAKE

- Mechanically applied SAHR brake on front and rear axle (disc on pinion shaft both front & rear)
- Activated either via hand lever or emergency stop button

STEERING

- Centre pivot - frame articulation
- Full hydraulic open circuit with dedicated separate hydraulic tank and drive pump
- Steering angle - 45° in each direction (Total 90°)

ELECTRICS

VOLTAGE : 24 Volt
 BATTERY : 2 X 12 Volt
 ALTERNATOR : 24 Volt / 70 Amp

CAB

- ROPS/FOPS Certified
- Rubber mounted tilting through 40°
- Fully adjustable suspension seat with arm rests
- Air-conditioned option or standard pressurised fan
- Soft joystick controls for both winch and blade functions

SERVICE CAPACITIES

COOLING SYSTEM : 26 Litres (50% Anti-freeze)
 ENGINE CRANKCASE : 14.8 Litres
 DIFFERENTIALS : 28 Litres (per differential)
 TRANSMISSION : 26 Litres
 DIESEL TANK : 180 Litres
 HYDRAULIC SYSTEM : 80 Litres (Steering)
 140 Litres (Winch)

OPERATIONAL WEIGHTS

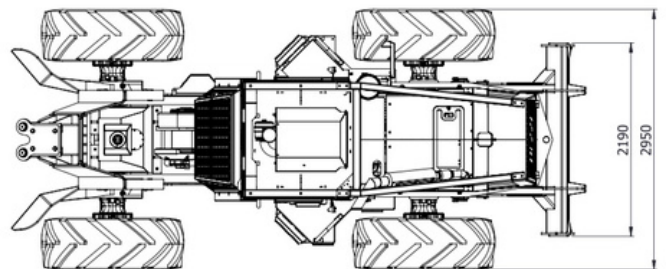
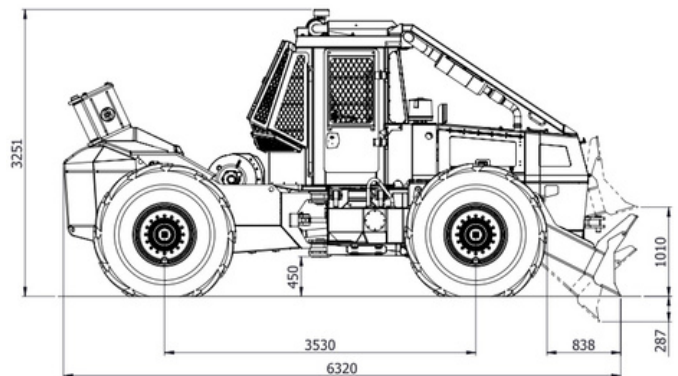
OPERATING WEIGHTS : Front Axle - 6 600kg
 Rear Axle - 5 100kg
 Total - 11 700kg
 (DS120T Standard Equipment)

WINCH

- Allied WH400 hydraulic winch (40 000lb line pull)
- Counter rotation with drag brake and free spool. Operated via 4T joystick (no electronics)
- Standard Winch Speed @ 2200RPM = 55-60m/min

WINCH HYDRAULICS

- Closed circuit design with radial piston pump
- System delivers 180 L/min @ 2200 RPM
- Winch system utilises its own dedicated hydraulic tank with a high pressure filter located on pressure delivery for protection in case of hydraulic pump failure



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