



D1200LP WHEEL LOADER



BUILT AFRICA TOUGH

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D1200LP WHEEL LOADER

SPECIFICATION SHEET

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

ENGINE

TYPE : JCB
MODEL : 444T Turbocharged
CAPACITY : 4.4 Litres
POWER : 101Hp (75kW) @ 2400 RPM
TORQUE : 425Nm @ 1300 RPM

TRANSMISSION

TYPE : ZF
MODEL : 4WG130
• Four speed power shift transmission with modulated directional clutch.
• Driven via converter from engine.
• With auto kick down
MAXIMUM SPEED IN GEARS :

	FIRST	SECOND	THIRD	FOURTH
FORWARD (km/h)	4.9	10.6	15.6	25.0
REVERSE (km/h)	5.2	8.6	16.3	-

AXLES

TYPE : ITL
MODEL : PD70
• Front axle fixed, rear axle oscillates through 12°
• Double reduction drives with standard differentials driving all four wheels

TYRES

STANDARD TYRES : 14.5 x 20 L3
OPTIONAL TYRES : 335/80 R18

BRAKES

SERVICE BRAKE
• Inboard, sealed, wet brakes activating all four wheels
• Fully hydraulically activated with fail safe
• Brakes are activated by use of one brake pedal
PARK BRAKE
• Mechanical type brake acting on the drive shaft
• Operator engages manually

STEERING

• Centre pivot - frame articulation
• Fully hydraulic-powered with flow controlling system
• Full flow filtering
• Steering angle - 35° in each direction

ELECTRICS

VOLTAGE : 12 Volt
BATTERY : 21x 12 Volt
ALTERNATOR : 12 Volt / 55 Amp

LOADER HYDRAULIC SYSTEM

• Closed system with pressure control
• Fixed displacement gear type pump
• Full flow filtering - Max flow 135 L/min

MAIN HYDRAULICS

• Two 114.3mm bore x 748.5mm stroke double acting cylinders
• Working pressure - 2300 Psi

TILT HYDRAULICS

• Two 101.6mm bore x 420mm stroke double acting cylinders
• Working pressure - 2 300 Psi

CAB

• Open station with roll bar

SERVICE CAPACITIES

COOLING SYSTEM : 28 Litres (50% anti-freeze)
ENGINE CRANKCASE : 16 Litres
DIFFERENTIALS : 12 Litres
TRANSMISSION : 30 Litres
DIESEL TANK : 180 Litres
HYDRAULIC SYSTEM : 185 Litres (Tank only)
200 Litres (Total System)
PLANETARY HUB : 2.5 Litres (per planetary)

OPERATIONAL WEIGHTS

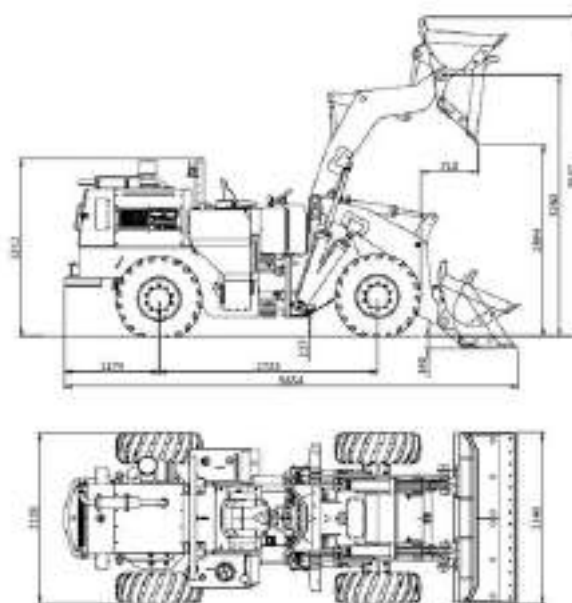
OPERATING WEIGHT : Front Axle - 3 800kg
Rear Axle : 3 300kg
Total - 7 100kg
BREAKOUT FORCE : 8 270kg
STATIC TIPPING LOAD : Straight - 6 347kg
Full turn 35° - 6 140kg
TURNING CIRCLE : 6 050mm radius outside bucket

BUCKET SPECIFICATIONS

GENERAL PURPOSE BUCKET : 0.9 m3
BUCKET WIDTH : 2160 mm
OPTIONAL EXTRAS : 1,2m3 GP

BUCKET CONTROLS

• Hydraulic, pilot operated by use of single lever joystick on right side of operator seat.



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