

DEZZI

1200T



BUILT AFRICA TOUGH

Designed and Manufactured in South Africa



**BUILT AFRICA
TOUGH**

Axles

Type : ITL
Model : PD90

- Front axle fixed, rear axle oscillates through 12°
- Double reduction drives with "Max-Trac" differentials driving all four wheels

Steering

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

Tyres

Standard tyres : 15.5 x 25L3
Optional : 17.5 x 25L3

Electrics

Voltage : 24 Volt
Battery : 2 x 12 Volt
Alternator : 24 Volt / 55 Amp

Brakes

- Service Brake**
- Inboard, sealed, wet brakes activating all four wheels
 - Fully hydraulically activated
 - Brakes are activated by use of one brake pedal

- Park Brake**
- Mechanical type brake acting on the drive shaft
 - Operator engages manually

Loader Hydraulic System

- Closed system with pressure control
- Fixed displacement gear type pump
- Full flow filtering

Main Hydraulics

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

Tilt Hydraulics

- Two 101.6 mm x 420 mm stroke double acting cylinders
- Working pressure - 2300 Psi

Engine

Type : JCB
Model : 444TC
Capacity : 4.4 Litres
Power : 75kW @ 2200 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 on gears :

	First	Second	Third	Fourth
Forward (km/h)	7.71	16.68	24.37	39.08
Reverse (km/h)	8.13	13.36	25.55	

Gears speeds at engine RPM : 2350

Bucket Controls

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

Bucket Specifications

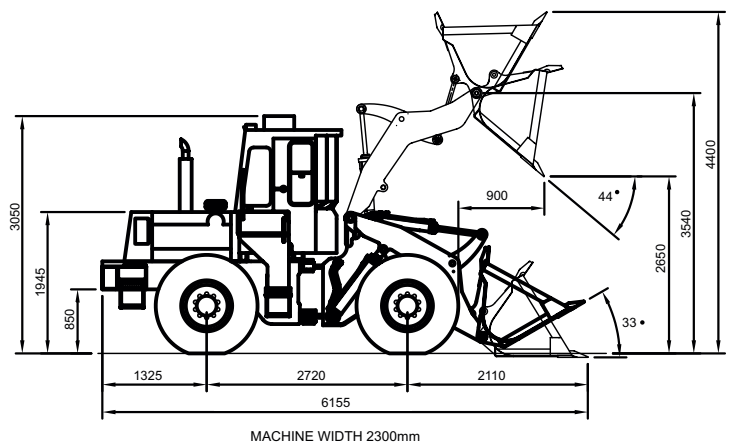
General purpose bucket : 1.2m³ / 1.5m³
Bucket width : 2300 mm

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 Gears : 2.5 Litres (per planetary)

Operational Weights

Operating Weight : Front Axle - 3660 kg
Rear Axle - 4380 kg
Total - 8040 kg
Breakout Force : 8270 kg
Static Tipping Load : Straight - 5820 kg
Full turn 35° - 5275 kg



Dimensions are approximate



**DESMOND
EQUIPMENT**

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Desmond Equipment S.A. reserves the right to modify specifications without notice.

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