



H80T

4x2 and 4x4
Hauler Tractor



BUILT AFRICA TOUGH

Designed and Manufactured in South Africa



Axes

Front :	Desmond non drive (4x2) ITL SD 55 Drive (4x4) Pivoting steering axle
Rear :	ITL PD 90

Steering

- Fully hydraulic orbital controlled steering with double acting cylinder
- Full flow filtration
- Working pressure - 1500 Psi (10.3 Mpa)

Tyres

	4x2	4x4
Front :	10.5 x 16" (14 Ply)	11.2 x 24" (14 Ply)
Rear :	18.4 x 34" (10 Ply)	18.4 x 34" (10 Ply)

Electrics

Voltage :	12 Volt
Battery :	1 x 12 Volt sealed type
Alternator :	12 Volt / 95 Amp

Brakes

Type :	Inboard wet-sealed disc brakes on rear wheels.
Park Brake :	Mechanically applied disc brake at transmission output.

Hitch

- Quickturn
- Weight Transfer Hitch
- Pin Type Hitch

Pneumatic System

Capacity :	20 Litres
Working Pressure :	120 Psi (8.1 Bar) Unloader valve controlled

Engine

Type :	JCB
Model :	444TC
Capacity :	4.4 Litres
Power :	75kW @ 2200 RPM
Torque :	425Nm @ 1300 RPM

Transmission

Type :	ITL
Model :	PS 720
Gearing :	Constant mesh, full power shift with modulation
Gears :	Forward - 4 Reverse - 4
Speed :	40Km/H
Torque Converter :	Single phase 3 element, multi-phase.

Hydraulic System

Oil Capacity :	60 Litres
Pumps :	Fixed displacement gear driven
Working Pressure :	2400 Psi (16.5 Mpa) Full flow filtration

Service Capacities

Cooling system :	32 Litres (50% Anti-freeze)
Engine Crankcase :	16 Litres
Rear Axle Differential :	45 Litres
Transmission :	15 Litres
Diesel Tank :	135 Litres
Hydraulic System :	60 Litres

Cab Features (Optional Extra)

- Cab access - side door, L/H side
- Cab light
- Windscreens wiper
- Fully enclosed and lockable
- Airconditioner
- Noise level 78db

Operators Compartment (Standard)

- Operator seat - fully adjustable, weight compensating with built-in suspension
- Seat belt
- Engine protection AMS50

Operational Weights

T :	3920kg
V :	10200kg
D/T :	18000kg

Cab (Standard)

- Front & Rear Wipers
- Stainless Steel Option: Mudguards, Cab, Side Plates



MACHINE WIDTH - 2480mm

Dimensions are approximate

DESMOND EQUIPMENT

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