



H90T

4x2 and 4x4
Hauler Tractor



B U I L T A F R I C A T O U G H

Designed and Manufactured in South Africa



Axles

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

Rear Type: Rockwell
Rear Model: PRC 673P

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)	14.9 x 24" (14 Ply)
Rear :	18.4 x 34" (10 Ply)	18.4 x 38" (10 Ply)

- Various type options available to suit any application.

Electrics

Voltage : 12 Volt
Battery : 1 x 12 Volt sealed type
Alternator: 12 Volt / 55 Amp

Brakes

Type : S-Cam air brake
Size : 16.5" x 5" drum brake
Park Brake : Spring applied with emergency failsafe

Hitch

- Hydraulically operated ball type hitch with weight transfer and safety lock (standard 90mm ball)
- Plus conventional type draw bar pin hitch

Optional Equipment

- Cab heater
- Tachograph
- Radio/Tape
- Custom painting
- Stainless steel exhaust
- Air conditioner

Pneumatic System

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

Engine

Type : Cummins
Model : 6BT - 5.9 Turbocharged
Capacity : 5.9 Litres
Power : 97kW @ 2200 RPM
Torque : 530Nm @ 1600 RPM

Transmission

Type : ITL
Model : PS 1000
Gearing : Full power shift/automatic with downshift protection
Gears : Forward - 6
Reverse - 6
Speed : 40Km/H
Torque Converter : Single phase 3 element, multi-phase.

Hydraulic System

Oil Capacity : 80 Liters
Pumps : Fixed displacement gear driven
Working Pressure : 2200 Psi (15.1 Mpa) Full flow filtration

Service Capacities

Cooling system : 32 Litres (50% Anti-freeze)
Engine Crankcase : 16 Litres
Rear Axle Differential: 45 Litres
Transmission : 22 Litres
Diesel Tank : 180 Litres
Hydraulic System : 80 Litres

Cab Features

- Fully adjustable, weight compensating operator seat with built in suspension
- Seat belt
- Cab access - side door, L/H side
- Cab light
- Windscreen wiper
- Fully enclosed and lockable
- ROP's and FOP's certified
- Roof mounted ventilation fan

Operational Weights

	4x2	4x4
Front Axle :	2100	2340
Rear Axle :	3840	3840
Total Tare :	5940	6180
GCM :	48000kg	50000kg



Dimensions are approximate

kiwa



**DESMOND
EQUIPMENT**

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

DEALER