



DEZZI H180T RIGID HAULER TRACTOR

4X4



BUILT AFRICA TOUGH



H.E. JACKSON ENGINEERING LTD



DEZZI H180T RIGID HAULER TRACTOR

SPECIFICATION SHEET

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

ENGINE

MAKE : Cummins
 MODEL : QSB 6.7 Turbo Intercooled
 CAPACITY : 6.7 Liters
 POWER : 179kW @ 2 500RPM
 TORQUE : 987Nm @ 1 500RPM

TRANSMISSION

MAKE : Allison
 MODEL : 3000 World Series
 GEARING : Full power shift
 GEARS : Forward - 6
 Reverse - 1
 SPEED : 40Km/H
 TORQUE CONVERTER : TC 411

AXLES

FRONT : ITL SD 55 Drive
 Pivoting steering axle
 REAR : Rockwell PRC 673HD

TYRES

	4x4 (1)	4x4 (2)
FRONT :	420 R24	420 R24
REAR :	650 R38	650 R42

BRAKES

TYPE : S-Cam air brake
 SIZE : 16.5" x 5" drum brake
 PARK BRAKE : Spring applied with emergency failsafe

STEERING

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

ELECTRICS

VOLTAGE : 12 Volt
 BATTERY : 1 x 12 Volt sealed type
 ALTERNATOR : 12 Volt / 70 Amp

PNEUMATIC SYSTEM

CAPACITY : 40 Litres
 WORKING PRESSURE : 120 Psi (8.1 Bar) Unloader valve controlled

HYDRAULIC SYSTEM

OIL CAPACITY : 80 Liters
 PUMPS : Fixed displacement gear driven
 WORKING PRESSURE : 2 200 Psi (15.1 Mpa) Full flow filtration

CAB

- Fully adjustable, weight compensating seat with built in suspension
- ROPS and FOPS certified
- Optional air-conditioning
- Seat belt
- Cab access - side door, L/H side
- Cab light
- Windscreen wiper
- Fully enclosed & lockable
- Roof mounted ventilation fan

SERVICE CAPACITIES

COOLING SYSTEM :	32 Liters (50% Anti-freeze)
ENGINE CRANKCASE :	21 Liters
FRONT DIFFERENTIAL :	12 Liters
PLANETARY HUB :	2.5 Liters each end
REAR DIFFERENTIAL :	16 Liters
TRANSMISSION :	15 Liters
DIESEL TANK :	275 Liters / 350 Liters
HYDRAULIC SYSTEM :	80 Liters

OPERATIONAL WEIGHTS

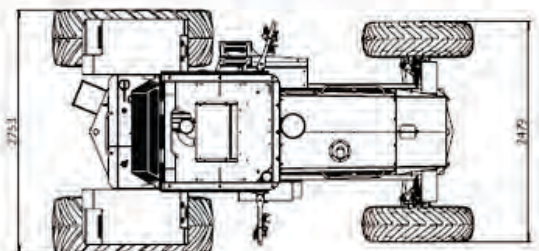
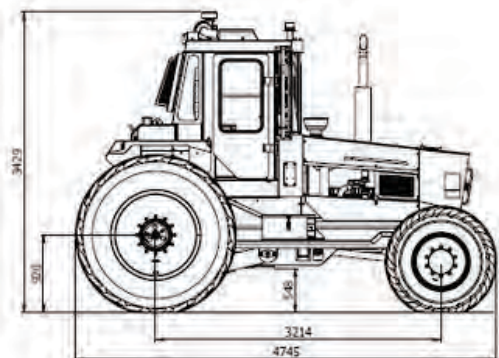
FRONT AXLE :	2 800kg - 3200kg
REAR AXLE :	4 790kg - 5 100kg
TOTAL TARE :	7 590kg - 8 300kg
GCM :	115 000kg (off highway use)

OPTIONAL EQUIPMENT

- | | |
|----------------------------|---------------------------|
| • Cab heater | • Custom painting |
| • Radio | • Stainless steel exhaust |
| • Engine monitoring system | • Air conditioner |

HITCH

- Hydraulic cradle hitch with 90mm ball or LCM hitch
- Weight Transfer Hitch (Optional)



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