



**AD25B**  
6x4 and 6x6  
Container Carrier



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

Designed and Manufactured in South Africa



Front	:	Desmond Axle with self leveling air bag suspension
6x6	:	Hypoid differential with final drive reduction
6x4	:	Non-drive 15 tonne
Rear	:	DESMOND tandem drive free swinging walking beam. Hypoid differential with reduction in tandem

### Steering

- Articulated with 40° steering angle either side
- Load-sensing, orbital-controlled

### Tyres

Front / Rear : 20.5R 25 Radial

### Frame

Heavy duty robust frame, front and rear with tube type oscillation, adjustable.

### Electrics

Voltage	:	24 Volt
Battery	:	2 x 12 Volt sealed type - 102 Amp / Hr
Alternator	:	24 Volt / 70 Amp

### Brakes

Front 2 wheels	:	Air-operated S-cam failsafe drum brakes
Rear 4 wheels	:	Air over hydraulic disc brakes
Park Brake	:	Air-operated failsafe disc brake on propshaft and front axle

### Cab Features

- ROPs and FOPs certified
- Rubber mounted
- Adjustable suspension seat with seat belt
- Trainer driver seat
- Air conditioner and tinted windows
- Orange beacon light and rear work lights
- Dashboard with full instrumentation
- Interior dome light
- Front & Rear windscreen wipers
- AMS Engine Monitoring
- 78db Noise level

### Pneumatic System

Capacity	:	80 Litres
Working pressure	:	120 Psi (8.1 Bar) with dual circuit unloader

### Engine

Type	:	Cummins
Model	:	QSB 260 - TIER 3
Capacity	:	6.7 Litres
Power	:	205kW @ 2200 RPM
Torque	:	990 Nm @ 1500 RPM

### Container Deck Carrier

- 6m Container with 25000 kg capacity

Type	:	ZF
Model	:	6WG210
Gearing	:	Constant mesh counter shaft with integral drop box.
Gears	:	Forward - 6 Reverse - 3
Speed	:	65Km/H
Torque Converter	:	Single phase 3 element, lock-up clutches effective in all gears. Downshift protection.
Diff Lock	:	Inter axle lock

### Hydraulic System

Oil Capacity	:	170 Litres
Pumps	:	Fixed displacement external gear pump
Working Pressure	:	Steering - 17 Mpa Tipping - 5 Mpa Full flow filtration

### Service Capacities

Cooling system	:	50 Litres
Engine Crankcase	:	24 Litres
Front Axle Differential	:	20 Litres
Rear Axle Differential	:	20 Litres
Front Final Drives	:	5 Litres
Transmission	:	18 Litres
Diesel Tank	:	250 Litres
Tandems	:	110 Litres (each)

### Standard Equipment

- Emergency braking
- Front tow hooks
- Hinged belly plate under engine
- Air cleaner service indicator
- Rear window guard
- Back-up alarm
- Deck up alarm
- Full road ordinance lights
- Wheel mud flaps

### Optional Equipment

- Radio/Tape
- Tachograph
- Bin Liner kit
- Light guards

### Operational Weights

	Tare	Gross	Payload
Front Axle	: 8700	13674	4974
Middle Axle	: 4840	14853	10013
Rear Axle	: 4840	14853	10013
<b>TOTAL</b>	<b>: 18380</b>	<b>43380</b>	<b>25000</b>

### Tipping Times (Approx.)

Up - 16 Seconds

Down - 20 Seconds

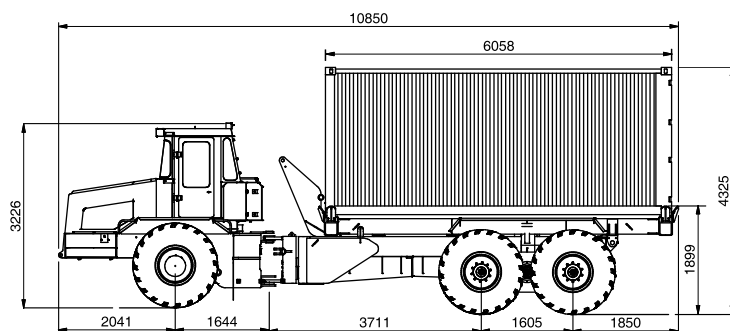
# DESMOND EQUIPMENT

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Dimensions are approximate