

# DEZZI

## AD25B

### ARTICULATED COAL TRUCK



# BUILT AFRICA TOUGH

Designed and Manufactured in South Africa



### Axles

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  
 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
- Windscreen wiper

### Pneumatic System

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

### Engine

Type : Cummins  
 Model : QSB 260 - TIER 3  
 Capacity : 6.7 Liters  
 Power : 194kW @ 2200 RPM  
 Torque : 990 Nm @ 1500 RPM

### Loadbin Volume

SAE 1:1 - 26.4m<sup>3</sup>    SAE 2:1 - 22.30m<sup>3</sup>    STRUCK - 18.10m<sup>3</sup>

### Transmission

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 Liters  
 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  
 Rear Axle Differential: 20 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
- Bin-up alarm
- Full road ordinance lights
- Wheel mud flaps
- Tail gate
- Engine Monitoring System

### Optional Equipment

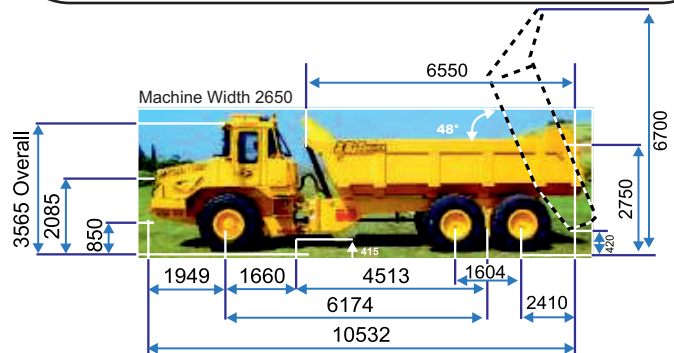
- Radio/Tape
- Tachograph
- Bin Liner kit
- Light guards

### 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



Dimensions are approximate



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

DEALER