



# AD30B

4x2  
Articulated Dump Truck



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

Designed and Manufactured in South Africa



### Axes

Front	:	Desmond Axle with self leveling air bag suspension
Rear	:	Graziano PR 24 axle - Rigid mounted

### Steering

- Articulated with 36° steering angle either side
- Load-sensing, orbital-controlled
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### Tyres

Front	:	23.5 R25 Radial	Rear	:	29.5 R25L Radial
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### 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	:	S-Cam 16.5 x 7" drum
Rear 2 wheels	:	Air over hydraulic wet inboard
Park Brake	:	Failsafe disc brake on drive line. Spring applied hydraulic release

### Cab Features

- Fully adjustable weight compensation suspension seat with seat belt
- Rubber mounted
- Interior dome light
- Windscreen wiper
- Fully enclosed and lockable
- Rear cab night working light
- Rotating orange beacon light
- Training driver seat

### Pneumatic System

Capacity	:	80 Liters
Working pressure	:	120 Psi (8.1 Bar) unloader valve controlled dual circuit system

### 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	:	20,0m³
SAE 2:1	:	17,0m³
STRUCK	:	13,5m³

### Transmission

Type	:	ZF
Model	:	6WG210
Gearing	:	Constant mesh counter shaft with integral drop box.
Gears	:	Forward - 6 Reverse - 3
Speed	:	50Km/H
Torque Converter	:	Single phase 3 element, lock-up clutches effective in all gears. Downshift protection.

### Hydraulic System

Oil Capacity	:	160 Liters
Pumps	:	Fixed displacement external gear pump
Working Pressure	:	Steering - 13.7 Mpa Tipping - 17 Mpa Full flow filtration

### Service Capacities

Cooling system	:	50 Litres
Engine Crankcase	:	21 Litres
Rear Axle Differential	:	40 Litres
Transmission	:	18 Litres
Diesel Tank	:	200 Litres

### Standard Equipment

- Emergency braking
- Front tow hooks
- Hinged belly plate under engine
- Air cleaner service indicator
- Rear window guard
- Tinted Windows
- Rear view mirror
- Indicators
- Dash board with full instrumentation
- Air conditioner
- Bin-up alarm
- Indicators

### Optional Equipment

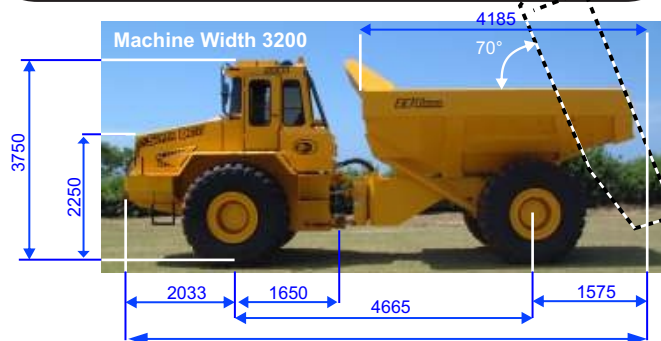
- Radio/Tape
- Tachograph
- Bin Liner kit
- Engine monitoring system
- Light guards
- Wheel mud flaps

### Operational Weights

	Tare	Gross	Payload
Front Axle	: 7500	15900	8400
Rear Axle	: 10140	31740	21600
<b>TOTAL</b>	: <b>17640</b>	<b>47640</b>	<b>30000</b>

### Tipping Times (Approx.)

Up	:	9.8 Seconds
Down	:	7.1 Seconds



8630  
Dimensions are approximate

kiwa



**DESMOND  
EQUIPMENT**

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

DEALER