



# DEZZI AD30B ARTICULATED DUMP TRUCK

4X2 | 4X4



**BUILT AFRICA TOUGH**

Designed & Manufactured in South Africa

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# AD30B ARTICULATED DUMP TRUCK

## SPECIFICATION SHEET

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

### ENGINE

TYPE : Cummins  
 MODEL : QSB 275 - TIER 3  
 CAPACITY : 6.7 Liters  
 POWER : 205kW @ 2200RPM  
 TORQUE : 990Nm @ 1500RPM

### TRANSMISSION

TYPE : ZF  
 MODEL : 6WG210  
 GEARING : Constant mesh counter shaft with integral drop box  
 GEARS : Forward - 6  
 Reverse - 3  
 SPEED : 42Km/H  
 TORQUE CONVERTER : Single phase 3 element, lock-up clutches effective in all gears. Downshift protection.

### AXLES

#### 4X2

FRONT : Desmond Axle with self leveling air-ride suspension  
 REAR : ZF MT-D 3135 axle - rigid mounted

#### 4X4

FRONT : ZF MT-D 3095 axle - with self leveling air-ride suspension  
 REAR : ZF MT-D 3135 axle - rigid mounted

### TYRES

FRONT : 23.5 R25 REAR : 29.5 R25

### BRAKES

FRONT WHEELS : Sealed outboard wet disc brakes  
 REAR WHEELS : Sealed outboard wet disc brakes  
 PARK BRAKE : Failsafe spring-applied hydraulic release

### FRAME

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

### STEERING

- Articulated with 36 degree steering angle either side
- Load-sensing, orbital-controlled
- Ground driven emergency steering

### ELECTRICS

VOLTAGE : 24 Volt  
 BATTERY : 2 x 12 Volt sealed type  
 ALTERNATOR : 24 Volt / 70 Amp

### HYDRAULIC SYSTEM

OIL CAPACITY : 160 Liters  
 PUMPS : Variable displacement piston pump  
 WORKING PRESSURE : Steering - 13.7 Mpa  
 Tipping - 17 Mpa  
 Full flow filtration

### CAB

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

### SERVICE CAPACITIES

COOLING SYSTEM : 50 Liters  
 ENGINE CRANKCASE : 21 Liters  
 REAR AXLE DIFFERENTIAL : 40 Liters  
 TRANSMISSION : 18 Liters  
 DIESEL TANK : 250 Liters  
 4x4  
 FRONT DIFFERENTIAL : 36 Liters  
 FRONT PLANETARY HUBS : 8 Liters per side

### OPERATIONAL WEIGHTS

	Tare	Gross	Payload
FRONT AXLE :	7 500	15 900	8 400
REAR AXLE :	10 140	31 740	21 600
TOTAL :	17 640	47 640	30 000

### STANDARD EQUIPMENT

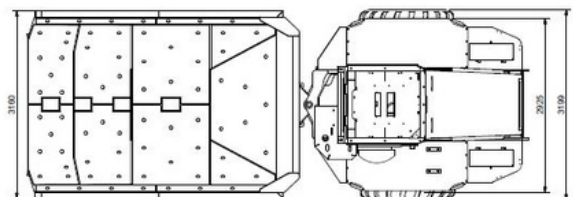
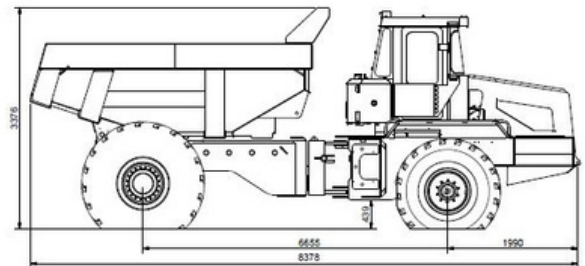
- Emergency braking (front & rear)
- Hinged belly plate under engine
- Rear window guard
- Tinted windows
- Dash board with full instrumentation
- Air-conditioner
- Bin up alarm

### TIPPING TIMES (APPROXIMATE)

UP : 8.2 Seconds DOWN : 7.1 Seconds

### LOAD BIN VOLUMES

SAE 1:1 : 20,0m<sup>3</sup> SAE 2:1 : 17,0m<sup>3</sup> STRUCK : 13,5m<sup>3</sup>



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