



AT20B

6x4 and 6x6
Articulated Timber Truck



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

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
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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 :	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

Hydraulic System

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

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

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
- Tinted Windows
- Full road ordinance lights
- Wheel mud flaps
- Rear view mirror

Optional Equipment

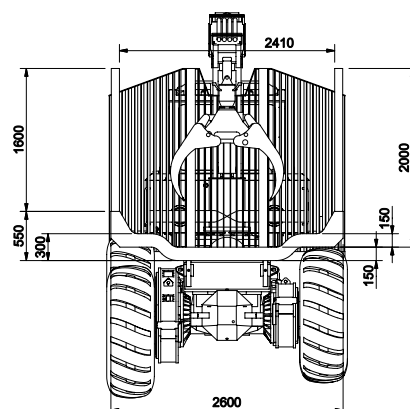
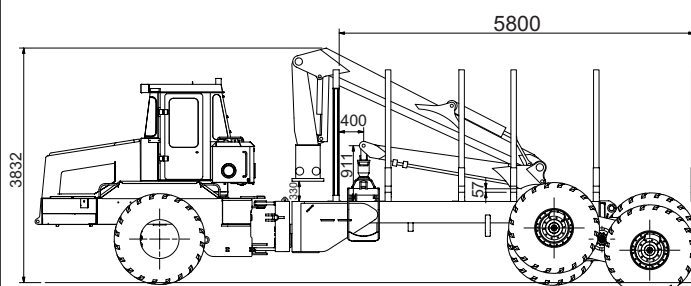
- Radio/Tape
- Tachograph
- Bin Liner kit
- Engine monitoring system
- Light guards

Operational Weights

	Tare	Gross	Payload
Front Axle :	8520	10240	1720
Middle Axle :	4440	13580	9140
Rear Axle :	4440	13580	9140
TOTAL :	17400	37400	20000

Loader (Optional)

- Loglift 71F/72 Crane
- Loglift 111F/72 Crane



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DESMOND EQUIPMENT

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