



**Mercedes-Benz Arocs 3240K 8x4 Day  
Cab c/w Boughton Hook Loader**



# Chassis Specification

**Ver.1 | Issued  
04/20**

**Mercedes-Benz Arocs 3240K 8x4  
Day Cab Boughton Hook Loader**

## Make / Model:

Mercedes Arocs 3240 8x4 Rigid Construction Tipper Chassis

## Driveline:

Fitted with OM470 10.7 L, 6 cylinder diesel Euro 6 engine with OBD-C.

- Output: 290 kW (394 hp)

Features a Power-Shift 3, 12 speed automatic gearbox with G" 11-12/14 and off road drive program. Also features mechanical cross-axle and inter-axle differential lock and ASR (anti-slip control).

## Cab External:

External cab features include:

- Grey translucent external sun visor.
- Electric operated side windows.
- 4 point mechanical comfort cab suppression and integrated shock absorbers.
- Central door locking system.
- Electrical adjustment of main mirrors and wide angle mirrors.
- Daytime running lights.
- Glassed window in the rear cab wall.
- Steel corners on bumpers.

## Colour:

Cab is finished in MB 9147 ARTIC WHITE Headlamp surround, bumpers, mirror covers and chassis are finished in grey.

## Photos:



# Chassis Specification

**Ver.1 | Issued  
04/20**

**Mercedes-Benz Arocs 3240K 8x4  
Day Cab Boughton Hook Loader**

## Cab Interior:

Cab interior is M-Cab Classic style with 2300 mm space and 170 mm engine tunnel. Interior is decorated with black rock and a dark trim. Features an air suspended driver's seat with high back, comfort air and climate control which automatically controls cab temperature. Radio / USB player, Bluetooth antenna and two USB charging points. Stoneridge or VDO tachograph.

## Chassis:

Chassis is a steel construction with inner reinforcement. A single low horizontal DPF & SCR exhaust unit with diffuser is fitted behind the second axle on the driver's side. A 290 L fuel tank fitted on N/S and 45 L AdBlue tank. 5150 mm wheel base with 800 mm overhang.

## Braking System:

Disk brakes on front & rear axle with dual circuit air system and electronic control (EBS). Twin compressor with heated dryer also fitted. Exhaust brake and park brake control, spring brake cylinder on rear axle 2, bulb tail lights and twin line trailer braking.

## Axles & Suspension:

Two straight front axles with normal parabolic leaf suspension with shock absorbers and stabiliser.

- Max Load – 2 x 7.5 ton

Rear axles with steel 2 leaf suspension. Double driven hypoid drive tandem with single reduction.

- Max Load – 2 x 10 ton

## Photos:





# Chassis Specification

**Ver.1 | Issued  
04/20**

**Mercedes-Benz Arocs 3240K 8x4  
Day Cab Boughton Hook Loader**

## Wheels & Tyres:

Front & Rear axles:

- Tyre Size: 295/80R22.5
- Wheel Rim Size: 22.5 x 9

Rear axle:

Front wheel protection rings with open centres. Tyres premium make, ON/OFF Road tread pattern fitted.

## Electrical Power Supply:

Alternator 100 A, 2 x 170 Ah batteries.

## GVC & GCM:

Chassis weigh related technical GVM max. 32000 kg  
Driveline related max GCM 44,000 kg class 2

## Warranty:

1 year chassis cab with 2nd and 3rd year Driveline takes care of all warrantable repairs on the vehicle for the first year and on the drive-line for this year together with associated with breakdown coverage.

## Service & Maintenance:

Two options are available at additional monthly cost

Option 1) Service only package

Option 2) Full R&M Package

## Photos:





# Body Specification

Ver.1 | Issued  
04/20

Mercedes-Benz Arocs 3240K 8x4  
Day Cab Boughton Hook Loader

## Body Construction:

Chassis is fitted with Boughton RORO hook loading system type 8/32 – 70 C universal. This system is an uncomplicated design which is capable of handling both CHEM & Dinosaur type containers. A deep heavy duty main section is constructed from fully welded pressed steel, offering optimum strength and stability.

Pivot joints are fitted with phosphor bronze bushes with greasing points. The container is secured using a three point locking system which is comprised of two rear combi-locks and a rear facing secondary lock. Twin rear axle stabilisers are fitted to rear axle bogie.

A cab mounted electric / pneumatic control box is fitted between the driver and passenger seats, allowing the system to be operated from the cab. The equipment is finished in primer paint.

## Sheeting System:

Fitted with Kwikcova CM sheeting system, this system can sheet a loaded container in roughly one minute thanks to its telescopic mast and arms which ensures the load instead of dragged over the container; prolonging sheet life. The sheet is fitted with elasticated side restraints to ensure it's secured around the container.

## Photos:





# Body Specification

**Ver.1 | Issued  
04/20**

**Mercedes-Benz Arocs 3240K 8x4  
Day Cab Boughton Hook Loader**

## Auxiliary Items Included:

2 x powder coated handrails fitted O/S of body near rear axle, body raised warning with in cab light and buzzer, conspic markings fitted to conform with current C & U regulations, side guards fitted to both side of the vehicle on galvanised brackets.

Galvanised parts:

- Shovel rack mounted on front bulkhead.
- Bolt on rear push bar.
- Rear under run bumper.
- Galvanised bolt on sheet roller cover prepared for sheet system.
- Galvanised fixed ladders will be fitted where possible, otherwise folding ladders.

## Paint:

Prior to fitting, the body is shot blasted and finished in a two pack paint, single flat colour, in RAL code. This comes with a two year anti-corrosion warranty.

## Tipping Gear

Tipping gear is EDBRO TS series. The high tensile steel frame within the TS effectively absorbs side loads imposed by the chassis during tipping, whilst protecting the cylinders from side load. With 50% more torsional stiffness than comparable units, the TS provides ultimate stability for the safest tipping, even in the most demanding operating conditions.

## Photos:

