



The new Arocs Loader.  
The new Arocs Grounder



Mercedes-Benz  
Trucks you can trust



# Top workers for top jobs. The Arocs Loader and the Arocs Grounder

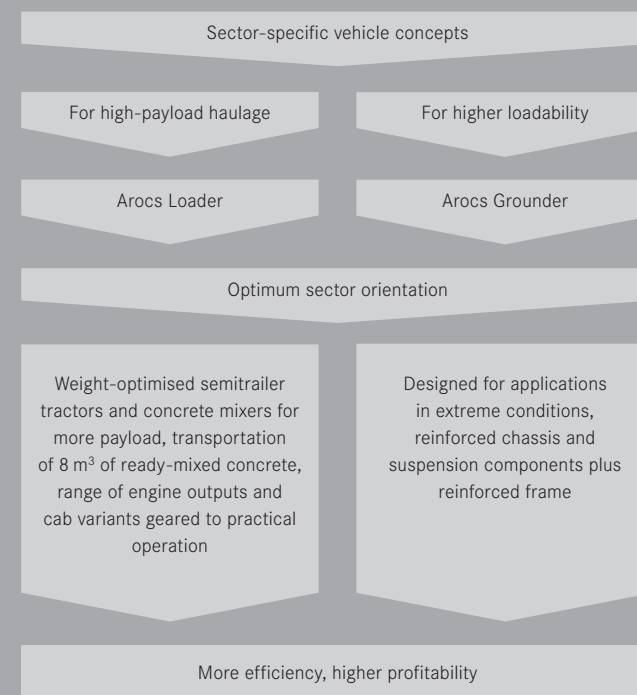
For a particularly high payload and for extreme loads. With the Arocs Loader and the Arocs Grounder we can now place at your disposal construction specialists which excel themselves where it matters: on the construction site. And in the accounts department.

**Sector-specific vehicle concepts.** With the new Arocs, construction transport is more efficient than ever before. In order to live up to this standard to an even greater extent even when it comes to payload-sensitive applications such as those involving dump semitrailers and concrete mixers and when working in difficult conditions, we have developed the Arocs Loader<sup>1)</sup> and the Arocs Grounder<sup>1)</sup>.

In the case of the Arocs Loader all the available options regarding saving the vehicle's unladen weight were checked and – wherever it made technical sense – implemented in a targeted manner. The result: payload-optimised 4 x 2 semitrailer tractors which are amongst the lightest in construction transport. And 8 x 4/4 concrete mixers with a perm. GVW of 32 t, with which – thanks to a particularly low unladen weight of 9250 kg maximum – you can deliver 8 m<sup>3</sup> of ready-mixed concrete on every journey. That pays off. Right from day one.

The Arocs Grounder is designed for extreme applications in harsh conditions. In other words: through a multitude of technical measures it is even more robust and offers particularly high stability and loadability. All in all, in the Arocs Loader and the Arocs Grounder you have at your disposal two top workers able to enhance efficiency in construction transport. The best way to obtain more information and your own personal vehicle configuration is to speak to your authorised Mercedes-Benz dealer.

<sup>1)</sup> Several model variants only expected to be available from 07/2013



With the Arocs Loader and the Arocs Grounder you have at your disposal vehicles which can additionally increase efficiency in construction transport



# Lightweight for heavy-duty work.

## The Arocs Loader

Higher payload, higher efficiency. This is what the Arocs Loader 8x4/4 concrete mixers stand for – you can use them to transport 8 m<sup>3</sup> of concrete. And the payload-optimised Arocs Loader 4x2 semitrailer tractors ensure more economy – for example when using a dump semitrailer.

**Arocs Loader**<sup>1</sup>). Steel and ideas for more payload. With the Arocs Loader, 4x2 semitrailer tractors and 8x4/4 concrete mixers are entering the construction site, and they impress not only with their robustness – but also with their low consumption and their particularly high payload. In the case of the concrete mixer this means that despite the significantly more weight-intensive Euro VI technology, the Arocs Loader is so light that with the combination of the 8x4/4 chassis and 9 m<sup>3</sup> drum you can comfortably take 8 m<sup>3</sup> of ready-mixed concrete with you. And that pays – and it pays more with every journey you make.

To ensure the high payload of the Arocs Loader semitrailer tractors there is a whole series of technical measures – for example the weight-reduced windscreen and the widened rear axle with single tyres. To facilitate optimum flexibility for you when it comes to the vehicle configuration, certain measures can also be “de-selected”.

As part of the standard specification, for instance, the Arocs Loader 8x4/4 concrete mixer with the ClassicSpace S-cab arrives at the construction site with a 170 mm high engine tunnel, 7.7l displacement and an output of **235 kW** (320 hp). For optimum payload its equipment includes

two specially developed, widened hypoid rear axles for single tyres and 385/65 R22.5 wide-base tyres. Alongside the reduction of weight, this combination also supports particularly low consumption. On request the Arocs Loader concrete mixer can be equipped with an M-cab. In addition, for the Arocs Loader semitrailer tractors, 2300 mm wide L-cabs are available. Also on offer: the Euro VI engines in the 10.7l displacement class – they can be selected in four output levels with up to **315 kW** (428 hp). But the fact that the Arocs Loader tractor units and concrete mixers are among the lightest in construction transport does not mean that you have to relinquish the hallmark robustness. For only those who take that extra payload to its destination reliably can also take more efficiency to the construction site. As the Arocs Loader does.



**Payload-optimised tyre concepts.** For transporting 8 m<sup>3</sup> of ready-mixed concrete the Arocs 8x4/4 concrete mixer is equipped with two widened hypoid rear axles for single tyres and particularly high-load-capacity 385/65 R22.5 wide-base tyres. As well as the payload gained, the low consumption also boosts efficiency



- Equipment that cannot be de-selected
- Equipment that can be de-selected



### Advantages at a glance

- Maximum payload through application-matched vehicle configurations and weight-reducing measures for 8 x 4/4 concrete mixers and 4 x 2 semitrailer tractors
- Transportation of up to 8 m<sup>3</sup> of ready-mixed concrete per journey
- Widened rear axles with 385/65 R22.5 single tyres for maximum payload and low consumption
- Possibility of de-selecting some of the weight-reducing features
- Six cab variants with 2300 mm width depending on the engine variant selectable

**Selectable weight reductions.** Whether it's in the form of a concrete mixer or a semitrailer tractor – every Arocs Loader impresses with its excellent payload – because many components and equipment features were specifically designed with a low unladen weight in mind. But because we also know that payload is not “everything”, you can, on request, “de-select” certain standard-fit payload optimisations such as the co-driver's seat or the roof hatch

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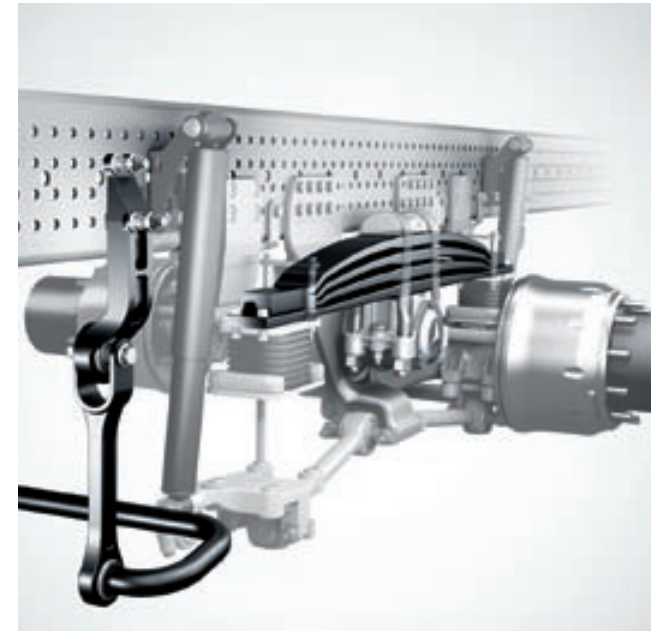
<sup>2)</sup> Expected to be available from 07/2013

# Made for extreme applications. The Arocs Grounder

The Arocs Grounder is at home wherever particularly high levels of stability and loadability are called for. With a reinforced frame, reinforced suspension and reinforced confidence.

**Arocs Grounder**<sup>1)</sup>. Extreme applications require extreme solutions. Like the Arocs Grounder. With these semitrailer tractors, rigid vehicles, concrete mixers and dump trucks configured ex factory for particularly heavy-duty applications you are far ahead when it comes to stability and loadability. The basis for this is the extremely stable frame made of cold formed, high-strength fine-grained steel, which has a longitudinal member thickness of 9 mm. For very high stability and good ride comfort – even in extreme off-road terrain – Arocs Grounder models are fitted at the front and rear axle with robust multi-leaf parabolic springs with a hard spring characteristic<sup>2)</sup>. At the rear axles, specially tuned shock absorbers and stabilisers are used – for even more loadability and for more stable handling even in the case of one-sided loads. High loadability and robustness also characterise the axles. At the front a proven axle with an axle load of 7.5 t and high ground clearance is used as standard. For heavy-duty applications front axles with an axle load of up to 9 t are optionally available. For the rear axles, planetary axles with an axle load of up to 16 t are available – along with their particularly robust, durable design, their characteristic

features also include their high ground clearance. Also designed for extreme applications: the wheels and tyres. Depending on the vehicle model variant and the planned application the Arocs is equipped with robust and very durable steep-shoulder rims or with optionally available wide-base rims<sup>2)</sup> and – obligatory for these applications – robust tyres with especially high load-carrying capacity. So that you even stay on track where there are not yet any tracks. The Arocs Grounder.



**Reinforced rear axle stabilisers.** For extreme loadability, Arocs Grounder vehicles such as 8x8/4 all-wheel drive dump trucks can be fitted on request with reinforced stabilisers at the 2<sup>nd</sup> rear axle



### Advantages at a glance

- Particularly robust vehicles for extreme loads, even in demanding off-road terrain
- Increased loadability through reinforced components
- Highly stable, extremely torsionally flexible frame with 9 mm longitudinal member thickness
- Rear-axle suspension: multi-leaf parabolic springs with hard spring characteristic, with an ultimate load of up to 18 t as an option<sup>2)</sup>
- For all-wheel drive vehicles optional stabilisers at the 1<sup>st</sup> and 2<sup>nd</sup> rear axle for increased loadability and stable handling
- Proven, robust planetary axles with high ground clearance and 13 t ultimate load, 16 t as an option
- Robust, durable steep-shoulder rims, optional wide-base rims<sup>2)</sup>
- Tyres for particularly high load capacities

**High loadability.** Arocs Grounder for extreme applications. Whether it's a rigid vehicle, dump truck, concrete mixer or semitrailer tractor – anyone deciding in favour of an Arocs Grounder is optimally equipped for particularly heavy-duty applications. On the construction site – and wherever a difficult job requires the vehicle to give its all

<sup>1)</sup> Several model variants only expected to be available from 07/2013

<sup>2)</sup> Expected to be available from 11/2013



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