



The new Arocs

Construction industry vehicles. 18 – 44 tonnes gcw



Mercedes-Benz
Trucks you can trust

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The Arocs. The new force in construction

The new force in construction. The new Arocs combines power, robustness and efficiency in a unique way, impressively continuing the tradition of Mercedes-Benz construction-industry vehicles, which stretches back over more than 110 years. What's more: it transports it into the future with innovative, future-oriented technology. And it demonstrates in every application where it comes from and what it was developed for.

With its high-torque, high-loadability drive configurations you can powerfully master any driving situation. Because the Arocs reliably delivers its high output in heavy-duty applications, too. This is thanks to its robust, solid chassis, suspension and frame design, which is also characterised by its particularly high loadability.

The high efficiency of the Arocs is also a solid basis for your success. Alongside the low consumption of the standard-specification Euro VI engines, the extended service life of many of the components, lower repair and maintenance costs plus the impressive ease of body mounting and also a wide product range for virtually all applications in construction transport ensure that the vehicle is highly economical to use. In short: the Arocs can deliver everything that daily working life demands of it. On the construction site. And on the road. Climb in and use the new force in construction.



The new force for your company

The decisive factor in construction transport is not only building up an enormous amount of power – it's also putting to use the power available in every situation. The Arocs impresses on both counts. Day in, day out. And in every application in construction transport.

Power. The new Arocs can powerfully master every driving situation. Because we have equipped it with robust and high-torque Euro VI engines, the enhanced, standard-fit Mercedes PowerShift 3 automated transmission and a new, unique suspension and frame design, all as standard. All the components of the drive system are produced exclusively at Mercedes-Benz and are designed for the special requirements in construction transport. The intelligent control of the drive components, the high torque of the engines plus the extremely short shift times of Mercedes PowerShift 3 ensure that there is more power available than was previously the case. For the best possible traction and good steerability the drive system, chassis, suspension and frame form a precisely coordinated working team which is optimally configured in all Arocs vehicles for the particular application in question on the road, on the construction site or in extreme terrain.

In short: the precisely coordinated combination of drive system and load-bearing construction sees to it that the tremendous engine power of the Arocs is optimally transferred to the ground and can always be used in a targeted manner.



Moving off on an incline is easier. The hill holder – which is fitted as standard – prevents the truck from rolling back when moving off. And the crawl function, part of the standard-specification Mercedes PowerShift 3 automatic transmission, makes moving off easier

Engines that are bursting with power – and skimp when it comes to consumption

In the robust Arocs engines that ooze so much power when moving off there are more than 110 years of construction experience and progressive, particularly efficient Euro VI technology included as standard. But above all there is the power you need every single day for heavy-duty applications in construction transport.

16 engine output levels. The particularly durable 6-cylinder in-line engines for the Arocs seamlessly cover all the output requirements in construction transport. For optimum application orientation they are available in the four displacement volumes 7.7l¹⁾, 10.7l, 12.8l and 15.6l²⁾. The output spectrum starts at **175 kW** (238 hp) and a maximum torque of 1000 Nm, and 16 categories higher, in the top-engine version, it finds the highest-output, most powerful answer to all the requirements it will meet in construction transport: with **460 kW** (625 hp) and an impressive maximum torque of 3000 Nm.

Euro VI engines. All the Arocs engines impress with their low consumption and low emissions and as standard they already meet the emissions standard Euro VI due to come into effect in 2014. But low consumption and low emissions do not rule out high power and immediate power delivery. On the contrary. The engines that provide so much power when moving off and respond immediately boast characteristics which develop more power and place this at the driver's disposal as early as possible. This becomes palpable in daily use because higher torques are



X-Pulse³⁾ injection system. The engines of the Arocs derive more power from the fuel. Among the factors responsible for this are the enhanced engine control and the innovative common-rail system with X-Pulse pressure boost which transports the fuel to the combustion chamber with an injection pressure of up to 2100 bar. The result: an especially homogenous fuel/air mixture and particularly efficient combustion. And thus more power coupled with very low consumption