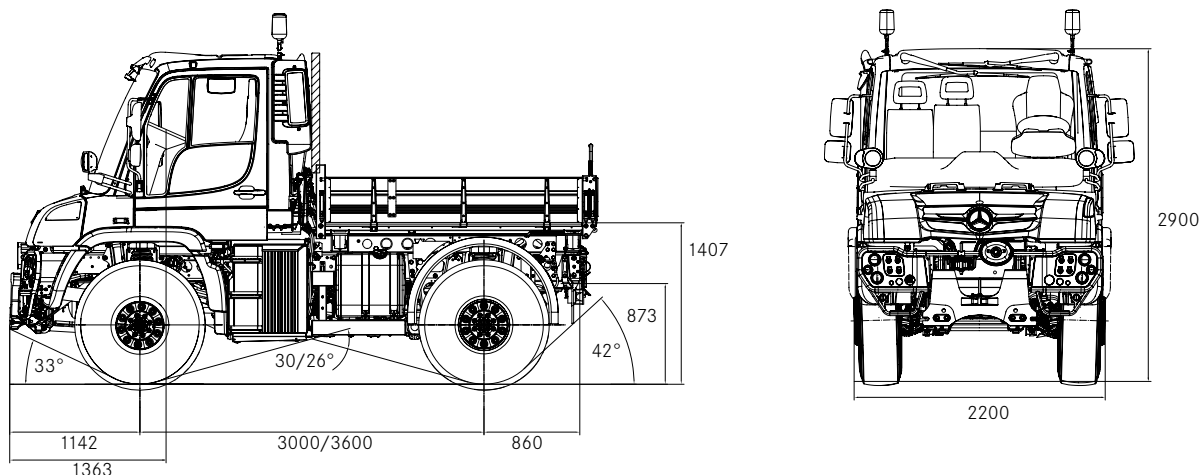




Mercedes-Benz  
Trucks you can trust

# Technical data

## Mercedes-Benz Special Trucks Unimog U 423



| Model  | U 423 Short  | U 423 Long            |
|--|--|-----------------------|
| Model type   | 405.105  | 405.125               |
| Wheelbase  | 3000 mm  | 3600 mm               |
| Engine (Euro IV/Euro V/Euro VI)                          | OM 934   | OM 934                |
| Output kW/hp   | 170/231  | 170/231               |
| Torque Nm/rpm  | 900/1200-1600  | 900/1200-1600         |
| Clutch   | Single-plate dry clutch. SAE-2 Ø 395 mm press-formed |                       |
| Transmission   | UG 100/8 with integrated transfer case               |                       |
| Axles  | Link-located portal axles with coil springs          |                       |
| Front axle   | AU 5/5 CS 7.0  | AU 5/5 CS 7.0         |
| Rear axle  | HU 5/5 CS 8.0  | HU 5/5 CS 8.0         |
| Electrical system  | 24 V   | 24 V                  |
| Battery capacity   | 140 Ah   | 140 Ah                |
| Tank capacity (fuel tank) (Series/SA)                    | 145 l/200 l  | 200 l/250 l           |
| Tank capacity (AdBlue)                                   | 25 l   | 25 l                  |
| Steering with max. steering pressure                     | ZF 8098/155 bar                                      | ZF 8098/155 bar       |
| Brakes   | Pneumatic disc brakes                                |                       |
| Smallest tyres (tyre/rim)                                | 315/80 R22.5   | 315/80 R22.5          |
| Largest tyres (tyre/rim)                                 | 445/70 R24   | 445/70 R24            |
| Type of drive (permanent all-wheel drive)                | 4x4  | 4x4                   |
| Maximum weight (max. with corresponding optional extras) | 13.8 t   | 14.0 t                |
| Max. weight on front axle                                | 6.9 t  | 7.0 t                 |
| Max. weight on rear axle                                 | 7.8 t  | 8.0 t                 |
| Angle of approach at the front with large tyres          | 33°  | 33°                   |
| Turning circle   | 13.7 m   | 16.5 m                |
| Minimum vehicle dimensions: length × width × height      | 5150 × 2200 × 2900 mm                                | 5755 × 2200 × 2900 mm |
| Inside dimensions dumper body                            | 2385 × 2075 × 400 mm                                 | 2900 × 2075 × 400 mm  |
| Speed  | 89 km/h*   | 89 km/h*              |

\* Limited, legal speed limit