



Downloading of 2D CAD Data

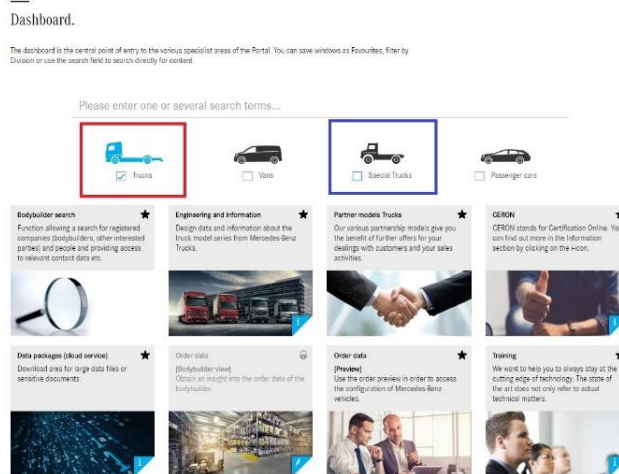
Mercedes Benz Trucks | 19/08/2020

Mercedes-Benz
Trucks you can trust

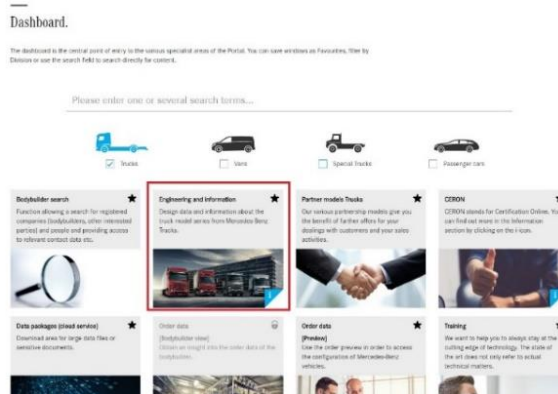


Downloading of 2D CAD Data

1. Login to the Bodybuilder Portal.
2. For **“A Trucks” (Actros/Arocs/Atego)** make sure the **Trucks** category is checked. Shown in red. For **“Special Trucks” (Econic/Unimog/Zetros)** make sure the **Special Trucks** category is checked. Shown in blue.



3. Click on the **Engineering and Information** category.



4. Enter the VIN in the box provided.
If the vehicle does not have a VIN proceed to step 6.

VIN - archive (trucks from 2011 model variant 96xxx)
There is not the same amount of data available for all vehicles. The amount of available data depends on the year of manufacture.

VIN / chassis no. 17-digit, e.g. WDB9634031L184691

5. A window will pop up, click on the document you need, make sure to select the correct language.
If you do not get this popup, proceed to step 6.

Designation	Format	Language
Technical data sheet	pdf	de en
2D chassis drawing	pdf	de en
2D chassis drawing	dxg	de en
Body/equipment mounting directives	pdf	Please select... ▼

If the vehicle does not have a VIN or the system cannot find the vehicle data for the specified VIN.

6. Click on the appropriate vehicle model/cab type. This example will use the Actros L Cab.



7. Input the model and necessary specs. This example uses a 2646 LS model.

Type selection.

Model variant code (Var. code) 96342412	Model class 2646	Engine code (Engine) M2S: Eng. OM470,inline 6, 10.7 l, 335kW (455hp),2200 Nm	Drive (Drv.) 6x4
Version (Vers.) LS: Air-sprung semitrailer tractor	Emission standard (Euro) M5C: Engine version Euro VI, D	Product group (PCG) V1W: Standard	

8. Once step 7 is completed the **2D Chassis Drawings** category will unlock, click this link.

Type selection.

Model variant code (Var. code) 96342412	Model class 2646	Engine code (Engine) M2S: Eng. OM470,inline 6, 10.7 l, 335kW (455hp),2200 Nm	Drive (Drv.) 6x4
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Technical data.

Technical data sheet Technical data sheets for the selected model series are available here, in line with the specific variant selected. It is also possible to select special equipment items and make weight calculations.	2D chassis drawings This is where we provide 2D drawings of the selected model series, in line with the specific variant selected, in various views and formats.	3D design data 3D design data for the selected model series are available here, in line with the specific variant selected. Approval is given on a project basis.	3D visualisation data 3D visualisation data for the selected model series are available here, in line with the specific variant selected. Approval is given on a project basis.
Body/equipment mounting directives (5) You will find here the key technical information about Mercedes-Benz basic vehicles for your bodybuilding solutions and conversions.	Body/equipment mounting directives archive (7) You will find here the key technical information about Mercedes-Benz basic vehicles of older model series, required for your bodybuilding solutions and conversions.	Equipment lists - Germany (7) Equipment Lists offers you information about standard and optional equipment for Mercedes-Benz vehicles.	Equipment lists - export (7) Equipment Lists offers you information about standard and optional equipment for Mercedes-Benz vehicles.

9. You will now need to spec the vehicle to match the VIN. Make sure all categories are filled with the correct codes. Where an option is not applicable to the vehicle, leave blank.

See below for an example.

3D design data

Powertrain, air intake & exhaust system (M5A, G2E, M8A, K7D, U2G)		
Axles & brake system (Q1Q, A1Z, A1C, B4M, A2E, A5D, B2A)		
Wheelbase & frame overhang (C1J, C0A, Q8JS)		
Frame add-ons (C7J, C8F)		
Cab, cab attachments & wind deflectors (F1T, F2M, F7X, F6T)		
Fuel tank, Adblue tank & hydraulic oil tank (K1I, K3V)		
Clearances & pre-installations		
Tyres and wheels (R1Q, F38, R1O, F38, R1O, F38)		

Powertrain, air intake & exhaust system (M5A, G2E, M8A, K7D, U2G)		
Engine, generations (S) M5A: 2. Engine generation OM470	Transmission versions (S) G2E: Transmission G 281-12/14.93-1.0	Exhaust system relocated, for large tyres Please choose ...
Air intake, filter (S) M8A: Air intake from front	Cyclone prefilter, for coarse dust Please choose ...	Exhaust variants (S) K7D: Exhaust system, tailpipe to right and outwa...
Exhaust system lowered by 80 mm Please choose ...	Exhaust pipe layout, over 2nd axle Please choose ...	Single and twin power take-offs Please choose ...
Engine-drive PTO, partially clutch-dependent, clutch-dependent Please choose ...	Engine PTO at rear Please choose ...	GATS 2.0 box (S) U2G: Exhaust box

Axles & brake system (Q1Q, A1Z, A1C, B4M, A2E, A5D, B2A)		
Front springs Q1S: Front spring, 7.5 t, 2-leaf	Front axle version (form) (S) A1Z: Front axle, offset version	Front axle version (max. axle load) (S) A1C: Front axle 7.5 t
Hydraulic Auxiliary Drive (HAD) Please choose ...	Compressed air reservoir (S) B4M: Air reservoir, steel	Additional compressed air reservoir Please choose ...
Rear axles (S) A2E: Rear axle, crown wheel 440, hypoid, 13.0 t	Trailing axle version Please choose ...	Additional stabiliser, rear axle/trailing axle Please choose ...
Stabiliser RA variants Please choose ...	Stabiliser, 1st rear axle Please choose ...	Final drive ratio (S) A5D: Axle ratio i = 2.846
Disk/drum brake, brake variants (S) B2A: Disc brakes on front and rear axle	Achs-/Fahrgestellteile schmales Fahrzeug Please choose ...	Hinterachse schmale Ausführung Please choose ...

Wheelbase & frame overhang (C1J, C0A, Q8JS)		
Wheelbase (S) C1J: Wheelbase 3250 mm	Frame overhang (S) C0A: Frame overhang 750 mm	End cross-member, moved in (S) Q8JS: End cross member, neutral position
End cross-member Please choose ...	Frame height lowered, for coupling point height 1100 mm Please choose ...	Driving level, lowered Please choose ...
Frame height, low, for all-wheel-drive vehicles Please choose ...		

Frame add-ons (C7J, C8F)

Attachment fixtures, for loading crane, front Please choose ...	Battery carrier (S) C7J: Battery carrier, batteries side by side	Battery carrier assembly, lowered Please choose ...
Rear axle mudguard versions (S) C8F: Wing, for chassis transit	Rear mudguard/vehicle width Please choose ...	Wing centre piece, raised/low Please choose ...
Spare wheel holder Please choose ...	Trailer coupling Please choose ...	Tipper variants Please choose ...
Swap body frame Please choose ...	Rear underride guard Please choose ...	Fifth-wheel lead Please choose ...
Fifth wheels Please choose ...	Fifth-wheel height Please choose ...	Fifth-wheel hydraulics, supplied ex-works Please choose ...
Attachment fixtures Please choose ...	Montageplatte Please choose ...	

Cab, cab attachments & wind deflectors (F1T, F2M, F7X, F6T)

Cab (S) F1T: L-cab ClassicSpace, 2.30 m, tunnel 320 mm	Cab, attachment height (S) F2M: Cab, 420 mm attachment height	Step, with grab rail on roof Please choose ...
Wind deflector Please choose ...	Rotating beacons Please choose ...	Cab steps, movable (S) F7X: Cab entrance, left/right, rigid
Aerodynamic side panelling Please choose ...	Mirror cam (S) F6T: MirrorCam	




Fuel tank, Adblue tank & hydraulic oil tank (K11, K3V)

Main fuel tank (S) K11: Tank, 290 l, left, 650 x 700 x 750 mm, alum...	Second tank Please choose ...	Protective plate, for tank Please choose ...
AdBlue tank (S) K3V: AdBlue tank, 60 l, left	Hydraulic reservoir, left Please choose ...	Hydraulic reservoir, right Please choose ...
Kraftstoffvorfilter Please choose ...		

Clearances & pre-installations

Preinstallation, for special front-mounted equipment Please choose ...	Free space on frame, left Please choose ...	Free space on frame, right Please choose ...
Free space for crane outrigger feet Please choose ...	Free space for swap bodies Please choose ...	Road dumper preinstallation Please choose ...
Road-oriented dump semitrailer Please choose ...	Sideguard Assist Please choose ...	Vorruistung Hinterkipper Korea Please choose ...

Tyres and wheels (R2C, V18, R2C, V18, R2C, V18)

1. 	Wheels R2C: Alum. wheels 8.25 x 22.5, Dura-Bright, Alcoa	Tyres V18: 295/80 R 22,5
2. 	Wheels R2C: Alum. wheels 8.25 x 22.5, Dura-Bright, Alcoa	Tyres V18: 295/80 R 22,5
3. 	Wheels R2C: Alum. wheels 8.25 x 22.5, Dura-Bright, Alcoa	Tyres V18: 295/80 R 22,5

10. Once all information is entered, specify in the box the drawing format required and click **Generate drawing**.

Pdf- Portable document format, use for general information and dimensions.

Dxf- CAD File, Use for exact dimensions of all parts of the drawing, **requires CAD Software**.

ASCII- Larger file, can be used with older versions of AutoCAD.

Binary- Smaller file, easier to work with and quicker to process while preserving all accuracy in the drawing.

2D drawing

Language

English

Type

Drawing Vignette

Format

DXF (ASCII) DXF (binary) PDF

Without dimensioning

> Detailed view of body brackets

> User Guide Engineering

On generating the drawing you confirm that you have taken note of the contents of the User Guide Engineering.

> Generate drawing