



IGLHAUT®
Allrad



Legendary off-road performance

Technical specifications

With IGLHAUT all-wheel technology, we create legendary off-road quality and unbeatable use in your day-to-day work through:

- Vehicle ground clearance
- Newly developed front axle differential (with 100% lock if desired)
- Transfer case with permanent all-wheel drive
- 50/50 power distribution on front and rear axles
- Large switchable reduction gear
- 100% transfer case lock
- Customisation of standard rear axle (with 100% lock if desired)
- All mounted parts attached at standard screw points without welding
- Retains the Innovations of the vehicle's manufacturer (such as crash behaviour)
- Snow chains can be used on both axles if desired

Details Mercedes-Benz Sprinter with 3,665 mm wheel type; all values in unloaded state with 265/75 R16 tires

- Front angle of driving slope approx. 35°
- Rear angle of driving slope approx. 31°
- Transfer case ground clearance approx. 360 mm
- Ramp angle approx. 29°
- Rear axle ground clearance approx. 260 mm
- Gradeability approx. 80%
- Turning clearance circle 13.90 m
- Front axle ground clearance approx. 300 mm
- Fording depth approx. 700 mm
- Higher vehicle level



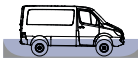
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Rear angle of driving slope approx. 31°



Transfer case ground clearance approx. 360 mm



Gradeability approx. 80%



Fording depth approx. 700 mm

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More information about us and our products can be found at www.ighaut-allrad.de

For North America, please go to:

www.ighautallradusa.com

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Please follow our adventures on Instagram [@ighautallradusa](https://www.instagram.com/ighautallradusa)

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5/2016



**MERCEDES-BENZ SPRINTER
WITH IGLHAUT ALL-WHEEL
TECHNOLOGY**

All-wheel expertise „Made in Germany“—since 1983

Van-Partner by Mercedes-Benz

Van-Partner by Mercedes-Benz



All-wheel drive is our drive We leave nothing to be desired More then 30 Years Know How

There are lots of reasons to choose the original
The specialist of over 30 years for real off-road commercial vehicles.

IGLHAUT produced the first all-wheel vans in 1983. Our philosophy is tried and tested: We provide benefits to our customers through reliable and robust technology. This technology includes essential products such as all-wheel drive with reduction gear, transfer case lock, rear axle lock, front axle lock, off-road tires and practical on- and off-road accessories for your individual requirements.

All-wheel drive retrofitting is an everyday occurrence for us, but is never routine! We apply our technical expertise to find solutions for even unusual customer requests, until everything down to the last detail matches what the customer has in mind.

Our original IGLHAUT all-wheel products allow us to offer you a vehicle with impressive all-wheel capability that also suits day-to-day use.

- Patented all-wheel drive
- Retains the innovations of the vehicle's manufacturer (such as crash behaviour)
- Manufacturer's approval for all-wheel retrofitting and factory guarantee for the basic vehicle
- TÜV approval certificate for the entire vehicle
- own developed parts – tested and patented
- Virtually unlimited range of variants possible

Mercedes-Benz Sprinter with IGLHAUT all-wheel technology

Basic package


- Permanent all-wheel drive
- Large reduction gear
- Transfer case lock (100%)
- Lifting of vehicle ground clearance

Optional


- Rear axle lock (100%)
- Front axle lock (100%)
- A large selection of useful additional equipment

Individual Tuning Examples


Having the optimum drive isn't enough. Often enough just tires and Diff locks are decisive! Of course there are a great many of accessories and equipment available – even for basic vehicles!




Tires
 Smoother, more comfortable ride on uneven terrain. Customisation of the required tire profile to suit your needs.




Aluminium fuel tank
 Capacities from up to 130 litres to 170 litres available.



Winch
 Available as removable or fixed version.



Brake systems
 If 4- or 6-piston brake system with braided steel brake lines and comfort brake pads. We look forward to help you.




Pre-separator
 Pre-filter installed in front of the engine's actual air filter to remove dust and water.



Spare wheel holder
 Additional spare wheel mounted on the left rear door.



Protection
 Protects against vehicle damage caused by the underbody/equipment assemblies impacting with the ground.



Damper systems
 Damper system tailored to your vehicle, with drag pressure range adjustment and external equalization tank.

Your demand is our drive

You can find communities, police, emergency medical services, fire brigades, army, energy suppliers, building and transport companies as well as hunting and forest enterprises among our customers, but also owners of caravans and power cruisers.



Exclusive conversion into Ighaut all-wheel drive in cooperation with Hymer-Zentrum Sulzemoos



Increase in load capacity up to 7.49 tons by installing a third axle



All-wheel drive conversion for special use in desert regions with a lot of diverse off-road equipment



All-wheel drive conversion of a building site vehicle with pre-separator and spare wheel holder



Individual all-wheel drive conversion of a caravan with big wheels, pre-separator, spare wheel holder and bull bar



All-wheel drive conversions for use in open-coast mining with special equipment