



DOLL®



QUALITY AND RELIABILITY. ON ANY TERRAIN.

**Outstanding vehicles.
Convincingly economical.
Tried and tested worldwide.**

SERVICEPRO

Reliable partner. Around
the clock. Worldwide.

MORE ON WWW.DOLL.EU

Short timber transport



Superstructures

Features + benefits

- Low dead weight
- Maximum payload
- Stable. Robust. Durable.
- Tried and tested
- Platform design for extremely flexible use
- Bolster design with low dead weight
- Modular bolted end wall concept made of fine-grained steel



Mechanical tensioning device

Lash your load quickly, conveniently and above all safely with a pre-tensioning force of 1,500 daN.



Sophisticated sub frame design

For flexibility and weight optimization and high torsional rigidity. Compatible with all common truck and crane manufacturers.



Drawbar trailer

Features + benefits

- Transport of timber lengths between 2 and 6 meters
- Payload-oriented design and weight-optimised steel construction
- Very versatile and flexible in use
- In bolster or platform design
- Various versions for different different applications and uses

Central axle trailer

Features + benefits

- Transport of timber lengths between 2 and 6 meters
- Payload-oriented design and weight-optimised steel construction
- Very low deadweight
- Twin tyres for maximum stability
- Absolutely service-friendly: Many bolted parts and high accessibility





Drawbar trailer

Vehicle details and equipment



Straight frame

- maximum flexibility
- screwed bolster



Cranked frame

- maximum loading height
- more stability

Single tires

- minimal rolling resistance
- optimal for long distances



Twin tires

- maximized safety on any terrain



Drawbar and central axle trailers also available as rapid₊ vehicle!



**Short delivery times.
Serial quality advantage.**

Scan the QR code and
request a rapid₊ vehicle.

Central axle trailer

Features + benefits

- Very low deadweight
- Payload-oriented design and weight-optimised steel construction
- Y-drawbar: Extremely maneuverable, steering angle of up to 90°
- Available as short version: very low loading height of 1,000 mm and a dead weight of only 2,600 kg



STAY FLEXIBLE. LONG AND SHORT TIMBER TRANSPORT IN ONE VEHICLE.

DOLL® semi trailer

All models at www.doll.eu

Features + benefits

- Transport of timber lengths between 2 and 22 meters
- Flexible transportation of long and short timber with one vehicle
- Can be combined with a crane-free tractor unit and semi-superstructure
- Unsteered semi-trailers with rigid or self-steering axles
- Steered semi-trailers with hydraulic steering
- Depending on the application: Rigid semi-trailers and with mechanical or hydraulic telescoping



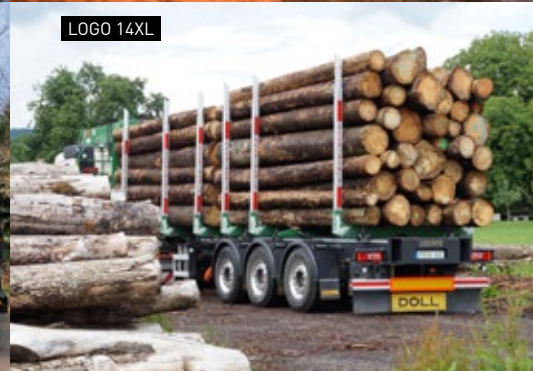
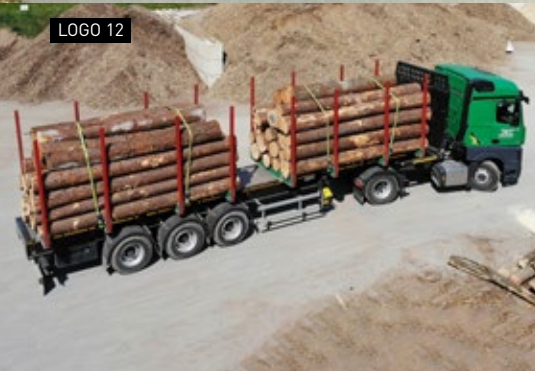
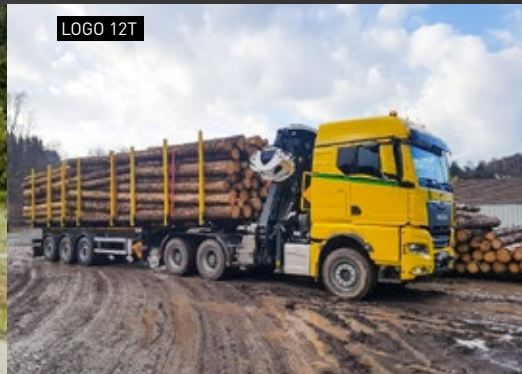
Fifth-wheel superstructure

Facts + components

- Individual sub frame design compatible with vehicles from all well-known truck and crane manufacturers
- Smart design and precisely dimensioned frame construction for maximum stability
- Compliance with the truck manufacturer's body guidelines
- Continuous subframe up to the rear of the truck: Optimum distribution of forces
- CAN-bus-based operating and control systems DOLL tronic® and DOLL control® developed by DOLL®

DOLL® semi-trailers

LOGO 10-22:



Un-steered LOGO semi-trailers

Non-steered semi-trailers are ideal for transporting long timber up to 15 metres in length and short timber between two and six metres in length. With its robust and off-road-ready yet lightweight frame structure, the LOGO is the perfect vehicle for timber logistics and long-distance transport companies.

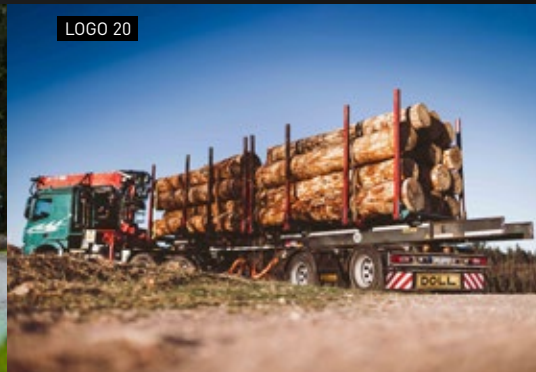
Logo 10-14

- Robust steel construction suitable for off-road use
- Lightweight frame structure for increased payload

In 8 steps to never seen before efficiency

with the LOGO 10 and LOGO 14 semi-trailers and the DOLL® logistics concept.

MORE AT [LOGISTIK.DOLL.EU](https://www.logistik.doll.eu)



Steered LOGO semi-trailers

Steering generally means: better cornering, greater maneuverability, less tire wear and fewer tensile forces on the frame. Manufactured to be low-wear and robust, it absorbs high steering forces and is a symbol of maximum functionality. Whether two or three axles - you benefit from the safest driving behavior, even off paved roads.

The steering angle is transmitted to the cylinders in the chassis via hydraulic cylinders. Turntables transmit the steering angle to the axles. This means that your vehicle reacts quickly and directly to the steering movements of the tractor unit at all times.

Logo 16-22

- Timber lengths between 2 and 22 meters
- Hydraulic turntable steering
- Low wear and robust
- 2-4 axles
- Maximum functionality and safest driving behavior

Long timber transport

Transporting long timber is one of the biggest challenges in timber transportation. Not only in the Black Forest, but in all the forests of the world.

At DOLL® we achieve perfect driving behavior through the combination of our ultra-stable lightweight construction and the world's most advanced steering technology for the forest: DOLL® ratioplus.

One track more successful with the leading and field-proven logging vehicles from DOLL®.



Superstructures

Features + benefits

- Safety through control system DOLL tronic®
- Flexible and modular attachment of additional equipment
- Rigid or hydraulic bolster transversely extendable



Smart body concepts

Modular, predefined and tried-and-tested holistic body concepts, tailored to the chassis



Hydraulic tensioning device

Lash the load quickly, conveniently and, above all, safely. The enormous pre-tensioning force of 5,000 daN makes it possible to significantly reduce the number of lashing devices required.

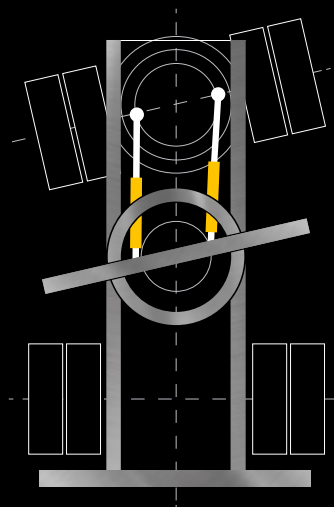


SECURITY. CONFIDENCE. COMFORT.

Steering systems

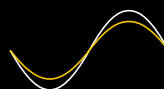
kompakt, ratio and ratioplus

The load has a crucial function in a log train: it transfers the steering angle of the towing vehicle to the bolsters of the trailer.



kompakt

This steering system is a two-cylinder steering system. The steering forces are transferred from the towing vehicle to the self-steering bolster via the load. The steering angle of the bolster is transmitted directly to the front axle via the hydraulic cylinders (rigid connection). The advantages of this steering system: low dead weight, low-wear design, very direct steering action.



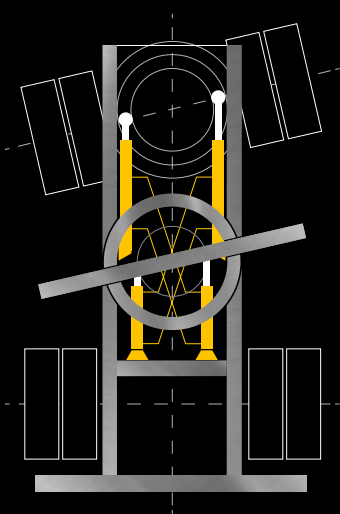


Self steering dolly trailer

The most economical. The lightest. High payload, thanks to the payload-optimized steel construction.

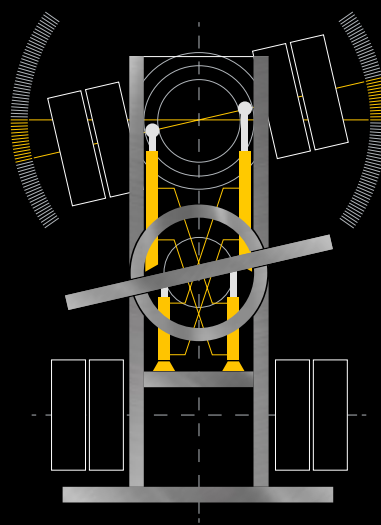
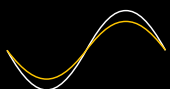
Features + benefits

- Choice of 3 proven steering systems
- 2-3 axle self-steerer
- Maximum stability and streamlined construction
- Lightweight design for higher payloads
- Leaf or air suspension depending on the application
- High service friendliness due to bolted concept for all attachments
- Mechanical or hydraulically adjustable stakes



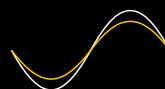
ratio

High safety and driving stability. The steering ratio is a 4-cylinder steering system with two independent steering circuits. The steering angle of the bolster is transmitted to the cylinders in the chassis via the front hydraulic cylinders. The axles receive their steering angle from there.



ratioplus

The self-steering system is actively controlled by an electronic connection. In lane-in-lane mode, it follows the lane of the truck precisely. This is indispensable in blind bends, when reversing and when maneuvering. You benefit from a high degree of directional stability, greater safety and improved driving comfort.



New assistance systems in timber transportation

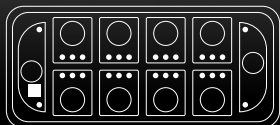
More at **TIMBER-ELECTRONICS.DOLL.EU**

The DOLL tronic® and DOLL control® operating systems make everyday work in timber transport easier with an innovative all-in-one system that combines all vehicle functions and makes them extremely easy to operate. The functions are perfectly tailored to the individual vehicle configurations, simplify work processes and ensure maximum safety.

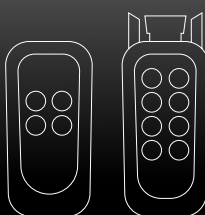


Scan the QR code and find out more.

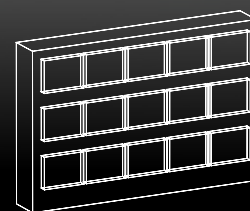
DOLL tronic®



Control panel in driver's cab



Control panel
+ DOLL connect® remote control



Control panel on crane

LED backlit buttons

Clear overview of all trailer functions thanks to LED backlighting of the buttons. Efficient working - at any time of year, from morning to night.



Double protection and intelligent fault detection

Maximum safety and prevention of malfunctions. Intelligent fault detection signals failures directly and helps to rectify them.



Always on track with LOGO EEG and EEP

The sensors installed in your semi-trailer and trailer determine the correct steering angle of the axles. Simply press the button and automatically steer into the lane.

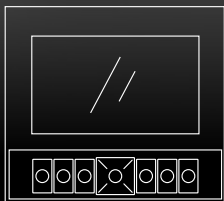


Compact, robust, efficient device layout

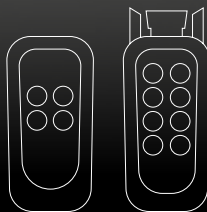
We only use the most proven DOLL® components. Maximum quality down to the smallest detail for the longest possible service life of our products.



DOLL control®



Display in driver's cab



Control panel
+ DOLL connect® remote control



Display on crane

Intuitive operability thanks to efficient design

The most important functions are perfectly tailored to your respective workstations on the vehicle in order to optimize processes.



Everything at a glance*

Get all vehicle information at a glance. In simple plain text and with clear symbols. The display remains high-contrast and clear in any lighting conditions.



Smart central lubrication

Adapted to your driving speed, the central lubrication system lubricates automatically as required. Promote the longevity of your vehicle, simply and conveniently.



Weight display in the cab and on the crane*

Display of weights directly on the crane without having to dismount. Detailed views of the total weight of the truck and trailer/trailer possible by recording the axle load.

ROBUST. AGILE. INTELLIGENT.

Forestry machinery transport

Forestry low-bed trailer

Features + benefits

- Reliable, payload-oriented design and weight-optimised steel structure
- Reinforced, drive-on forestry deck at the rear with grip bars
- Lowest loading height
- Lightweight flat bed or central main frame for maximum payload
- Outstanding manoeuvrability: hydraulic axle steering developed by DOLL®
- Tried-and-tested axle technologies to choose from: DOLL panther® and DOLL vario®, DOLL tera®
- Even more convenience: the DOLL connect® intelligent assistance system
- Optionally rigid or telescopic

Learn more about
Vehicles for forestry machinery
transport at www.doll.eu





DOLL tera®



DOLL connect®

Operate the steering and ride height at the touch of a button without getting out? Track positions and error messages at any time via a display? Absolutely unique. And that's exactly what the DOLL connect® trailer management system with radio remote control does for you.



Scan the QR code
and find out more.



Quality that sets the standard

With each new generation of vehicles, we raise the bar a little higher - still unmatched by the competition. We improve details, entire assemblies or an entire vehicle system. We develop new technologies, increase efficiency, enhance user-friendliness and maximize safety. Or to put it simply: with our top-quality vehicles, you can tackle your demanding day-to-day work better and more successfully than with any other comparable vehicle.

Many manufacturers talk about quality and a long service life. We deliver it.

DIN EN ISO 9001; in fact, we've been ISO-certified since 1995. But what's even more important to us is our employees' understanding and attitude to quality - from development and production through to personal customer service. In every single thing we do, we work towards our vision of achieving the very best. The



combination of user-orientated development, perfectly constructed individual components and service-optimised assembly is what makes a vehicle exceptional throughout its life. This holistic approach is what our vehicles are known for by customers across the world. But true DOLL® quality is also all about usefulness; it's

about satisfaction, being ahead of your game, taking pride in what you do. And it's about reliability and safety.

Our quality sets the standard.

Mile after mile,

On any terrain

DOLL®

SERVICE PRO

**Service at DOLL®.
Around the clock.
Worldwide.**

24h

Servicehotline

+49 7804 49-163
service@doll.eu

Choosing a DOLL® product means much more than just buying a vehicle. It also marks the beginning of a reliable partnership. A partnership based on our promise to do everything in our power to help you fulfil your potential. Your vehicle and our staff are your companions, reliable partners for your business. Day by day. Kilometre by kilometre. With our comprehensive range of services, we'll provide the support you need whenever and wherever you need it, so that you can focus entirely on your core business.



Repairs + maintenance.

In professional hands.

Your DOLL® vehicle is your daily business companion and you need to be able to rely on it without any restrictions. That's why we're committed to exceptional quality here at DOLL® – and it's also why we recommend securing regular care, maintenance and repairs for your vehicle. Whether that's at our plant's own service workshop in Oppenau, at one of our service partners or – thanks to our mobile service team – at a location of your choice. Whichever option you choose, you'll be dealing with highly qualified specialists who only use original DOLL® parts and specialist tools. This means your vehicle's downtime will be kept to a minimum and you'll be guaranteed a high level of workmanship.



Spare parts + accessories.

Top quality, down to the smallest part.

DOLL® vehicles are extremely robust and durable. That also goes for all of their parts and components. Nevertheless, the wear and tear caused by the demands of daily use, maintenance or repairs may mean that some parts need to be replaced.

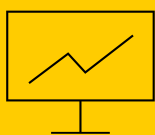
We'll manufacture the original DOLL® component or procure the spare parts or accessories you need. We guarantee that we can retrofit any technical or organisational feature on your vehicle. And since a big commitment to quality starts with the small things, every part that leaves our warehouse is subject to the exact same quality standards that we apply to our fully assembled, ready-to-drive vehicles. The value and safety of your DOLL® vehicle are our top priorities.



Technical support.

Support that gets you further.

It's often the little yet valuable tips from experts that help us right away – whether that's with identifying a fault or solving a problem. On our service hotline, you can speak to DOLL® experts who know your vehicle better than anyone else. We provide instant support over the phone, helping you avoid long periods of downtime. And if we're not available outside our business hours, we'll refer you to our capable external partner.



DOLL® Academy.

Get qualified. Improve your skills.

If your employees and drivers have a perfect command of their vehicles, you're guaranteed to improve safety and reduce costs in wear and tear. And what's more, your transports are guaranteed to go smoothly. In our training courses, we'll show you and your employees how to use your vehicles efficiently – either before they're driven for the first time or during annual training sessions. For this purpose, we'll create and design a training concept tailored specifically to your needs and field of activity.


Over 120 partners worldwide
partner.doll.eu



When visions turn into a head start.

Over **145 years**
experience in vehicle construction

Since 1878, we have been developing and producing sophisticated vehicles made for everyday use at three locations.

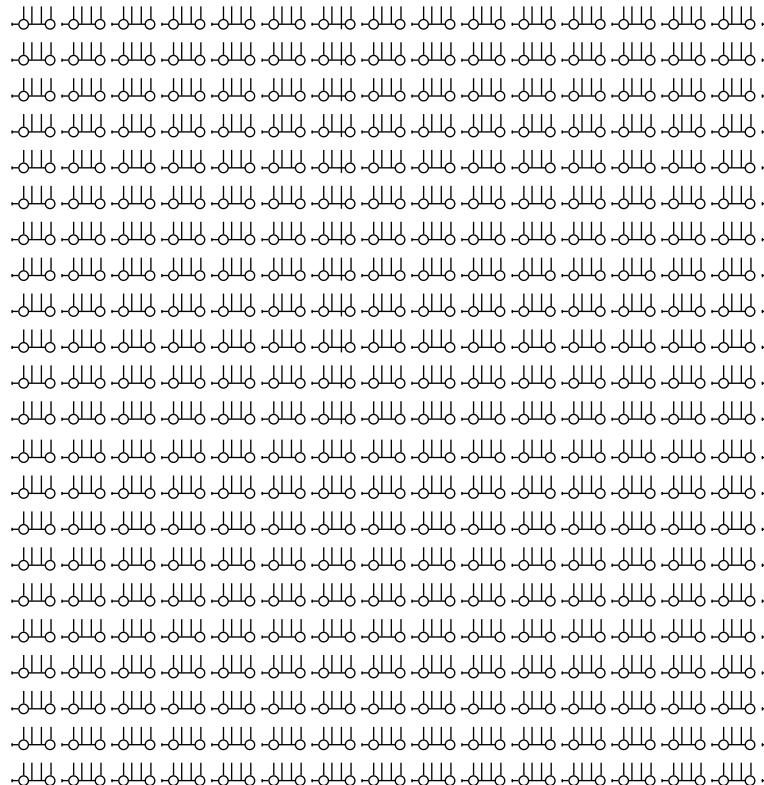


Over **420**
dedicated employees

invest their valuable working time every day in our exceptional products and services.

35 engineers and
specialists

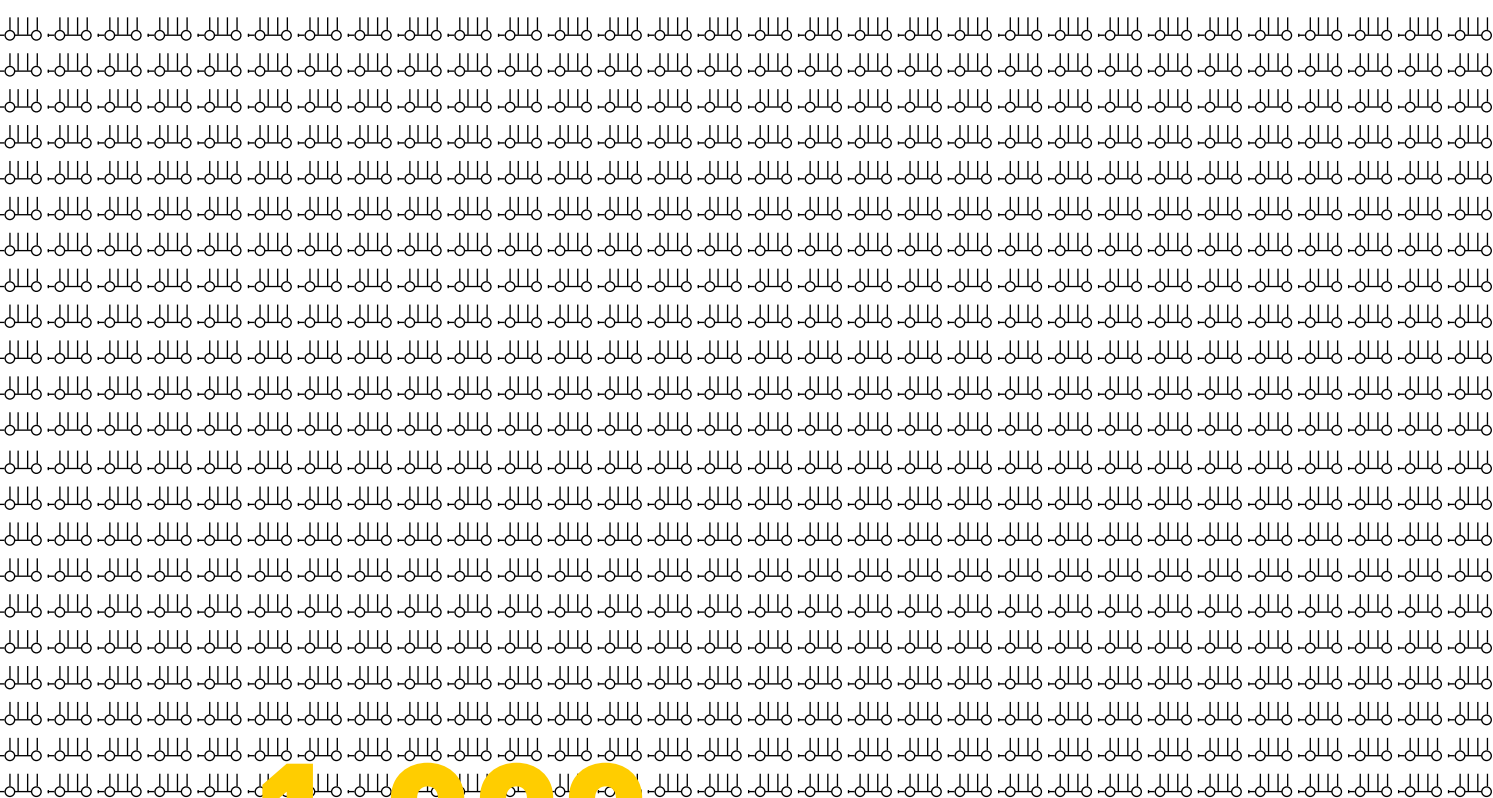
think of intelligent, practice-oriented solutions in detail. This is precisely why we are always one step ahead with our technological innovations.



**5 Business areas:
Defence,
Heavy Haulage,
Airport Equipment,
Timber Transport,
Service**

**4 plants on
2 continents**

Oppenau in the Black Forest,
Mildenau in Saxony,
New Jersey in North America
and Hungary



**Over 1,000
vehicles per year**

delivered every year and reliably master every
transport challenge. Day after day. Kilometre
after kilometre. Worldwide.

**Quality that sets
the standard**

Many talk about quality and durability. We produce it.
Of course, we also comply with standards, for example DIN
EN ISO 9001:2008 - and have been doing so since 1995.

We will find the right transport solution.

We are happy to advise and support you and demonstrate our vehicles to you at any time.

For information and advice call
+49 7804 49-550 or **holz@doll.eu**.

More information on **www.doll.eu**.