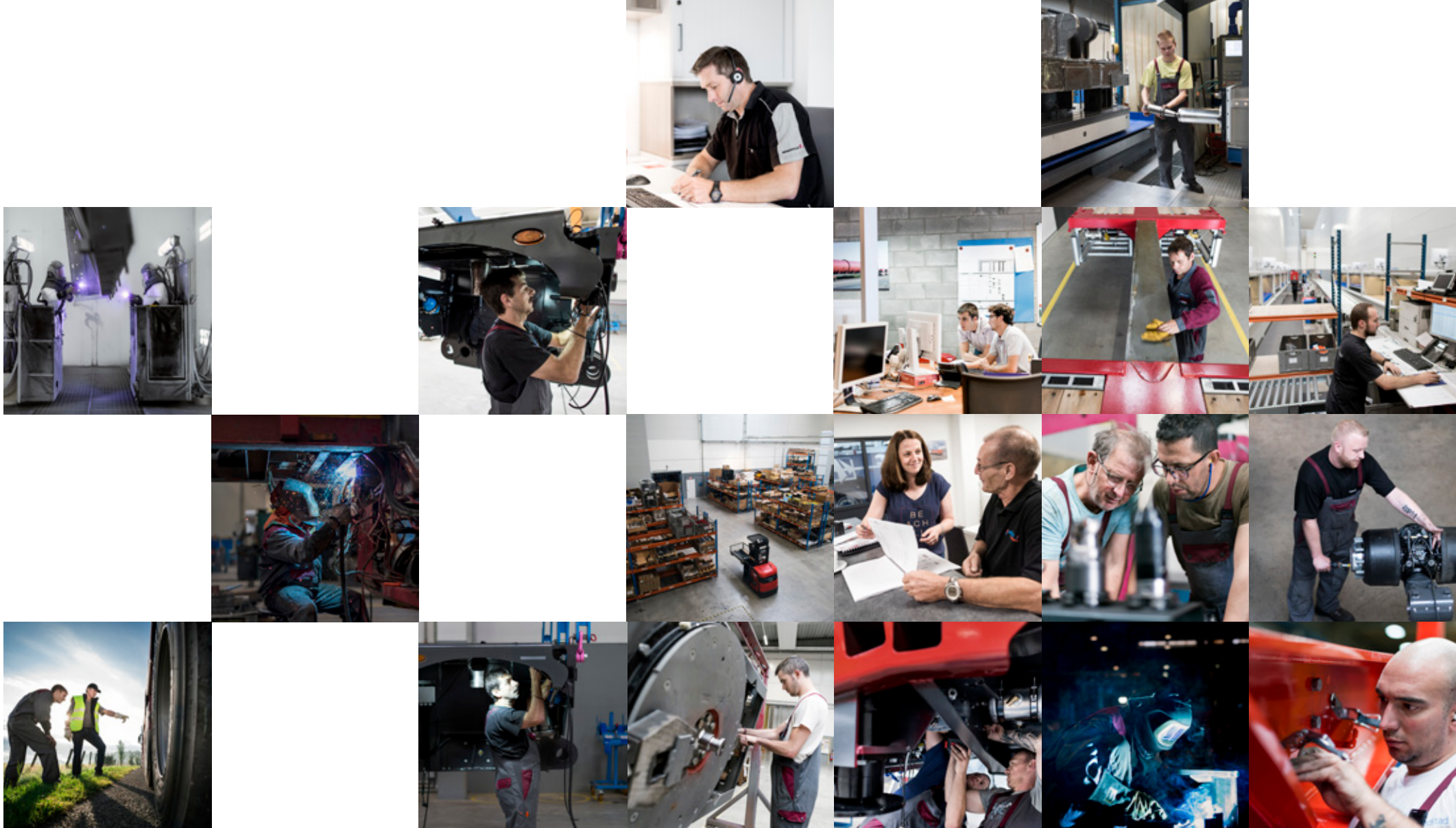




HEAVIEST LOADS ON MODULAR AXLE LINES

MGSL



We are the leading manufacturer of special trailers and heavy haulage worldwide!
 Our brand portfolio includes transport solutions from 15t to 15.000t ... and beyond.
 Innovation and perfection, as well as the highest quality, distinguish our efficient services
 and constantly growing product range from our competitors.

FAYMONVILLE 
GROUP

TRADITION & VISION

As a family business we grew over six generations from a small forge to the industry leader. We consider our roots as the basis to an innovative and sustainable future.



WE OFFER SOLUTIONS

We offer customized solutions for any transport challenge through experience, flexibility and knowledge. Know-how and expertise from the development to production, start to finish. Your requests are in good hands at Faymonville!



HIGHEST QUALITY 100% IN-HOUSE

We trust our optimized production processes, modern technique and highly qualified employees. As the quality leader, we apply the highest standards to ourselves in order to guarantee the perfect quality of our trailers.



RIGHT BY YOUR SIDE – ALWAYS & ANYWHERE

Our extensive service ensures you a worldwide presence, 24h a day and 7 days a week. Faymonville offers the most sustainable and wide-ranging customer service of the industry.



POWER YOUR PROJECTS!

Heaviest loads
on modular axle lines





Owing to the modular platform with 2-6 axles, the Cometto MGSL transports **highest payloads from 50t up to 5,000t.**

With this trailer type, you can reach the highest flexibility in use for the most different fields of activity! It is designed for **public roads, off-road** transport as well as for **inside plant** operations.

The MGSL offers seamless **interoperability** with identical vehicles from several other manufacturers.

This **variety of combination** options as well as the **user-friendly operating concept** makes the MGSL a guarantor of flexibility and economy for the most complex heavy-duty transport jobs.

Thanks to a **large package of options and accessories**, the MGSL can be quickly adapted to your specific transport requirements.

We care about you!

Efficient customer service is one of the key values of Cometto. It's more than a sale, we follow up and care about our clients, wherever on the world!

STRONG ADVANTAGES FOR STRONGEST TRAILERS!

Highest point loads
and best manoeuvrability

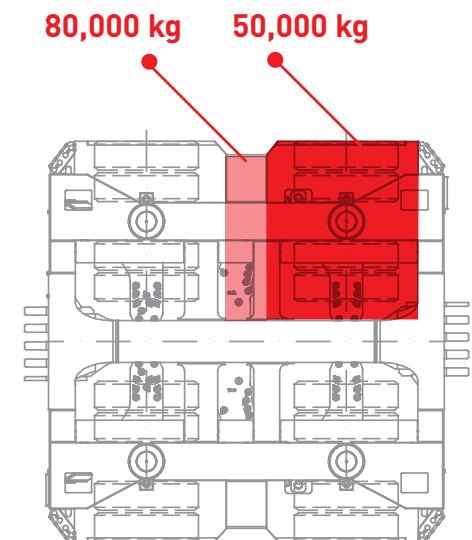


- + The highest bending moment on the market
- + Point loads up to 50t above the wheel arches
- + Point loads up to 80t above cross members

The Cometto MGSL makes also the most challenging transport task possible!

Due to a strengthened loading area, the MGSL reaches point loads up to 50,000 kg above the wheel arches and 80,000 kg above cross members for heavy and concentrated loads.

Best manoeuvrability is guaranteed by the hydraulic axle compensation with a stroke of 600 mm and the pivot-mounted bogie with a 60° steering angle.



AT A GLANCE !

A package full of advantages, summarized in some words

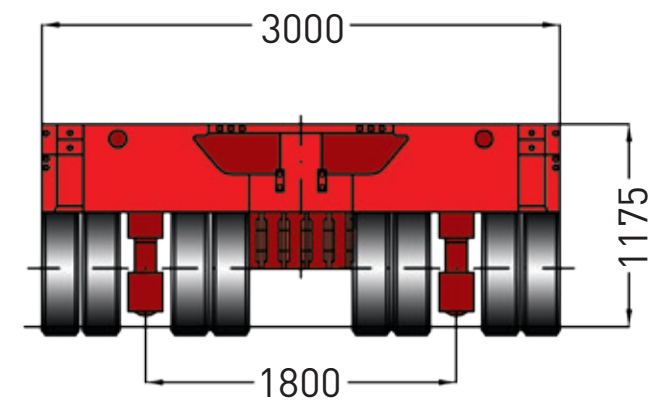
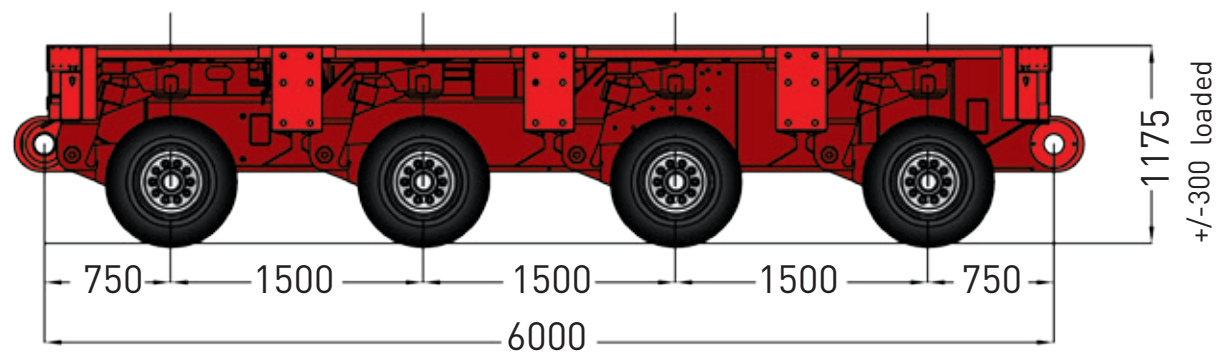
- + 45,000 kg axle load per axle line.
- + Prime brand pendulum axles, rims and tires
- + 100% Interoperability with existing trailers from other brands
- + Steering angle -60/+60°
- + Reinforced lamellar bolt coupling.
- + Optimized deadweight for maximum payload
- + Wheel set mounted on pivot bearing with adjustable conical roller bearings
- + Available in self-propelled version
- + Split bogies available for 3-file (1+1/2) combination

Trailer type	MGSL
Technical axle load at 0,5 km/h	45,000 kg
Tare weight *	14,000 kg
Number of axles / bogies	2,3,4,5,6
Number of wheels per axle line	8
Tires	215/75 R17.5
Steering angle	-60°/+60°
Axle distance	1,500 mm
Axle compensation	-300/+300 mm
Platform height drive position	1,175 mm
Overall width	3,000 mm

* 4-axle bogie

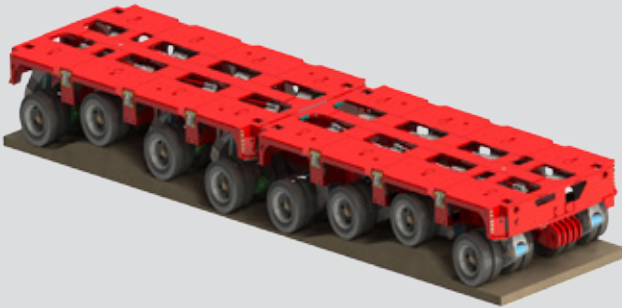
Axle load: 45,000 kg

MGSL-4



EASY HANDLING

Thanks to the best technology



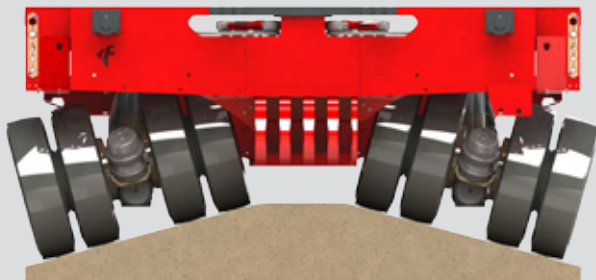
Axle compensation for an ideal load distribution

Each wheel set is equipped with an hydraulic suspension cylinder.

Depending on the individual transport application, the cylinders will be connected to 3- or 4-suspension groups. This combination of cylinders makes sure that the weight is distributed equally on all axles.

Road inclinations (lengthwise and crosswise) can easily be compensated due to the important stroke on those cylinders.

- + Cargo-friendly & gentler vehicle handling
- + Ideal load distribution
- + No excessive axle loads
- + Safe through hose rupture valves



Pendulum axle increases the transport safety

One axle line consists of 2 independent wheel-sets with pendulum axles. The pendulum axle can manage important ground unevenness due to its swinging bearing.

They ensure optimum ground contact and equal tire pressure under the most difficult circumstances and keep the platform almost in a horizontal level.

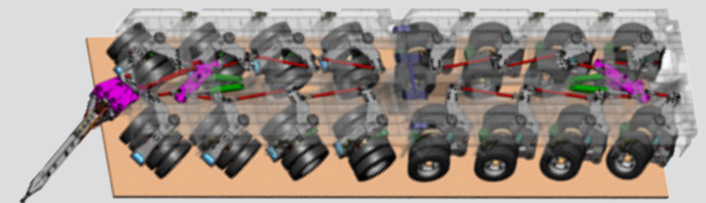
- + Transport safety through optimal ground contact
- + Optimal utilisation of permissible axle loads
- + Road-friendly



- + Maximum driving comfort
- + Manoeuvrable & versatile
- + Easy and safe adaptation of steering angles

Hydraulic forced-steering for a maximum driving comfort

Every modular bogie has at least one integrated hydraulic steering system. The customer can choose between standard- or counter-steering. The steering is controlled either by a gooseneck or by a drawbar. The freely accessible steering rods give an easy and safe adaptation of steering angles. Remote steering by wireless or remote control is part of the basic configuration. Compared to knuckle steered axles, the driving height on pendulum axles has no impact on the axle track.





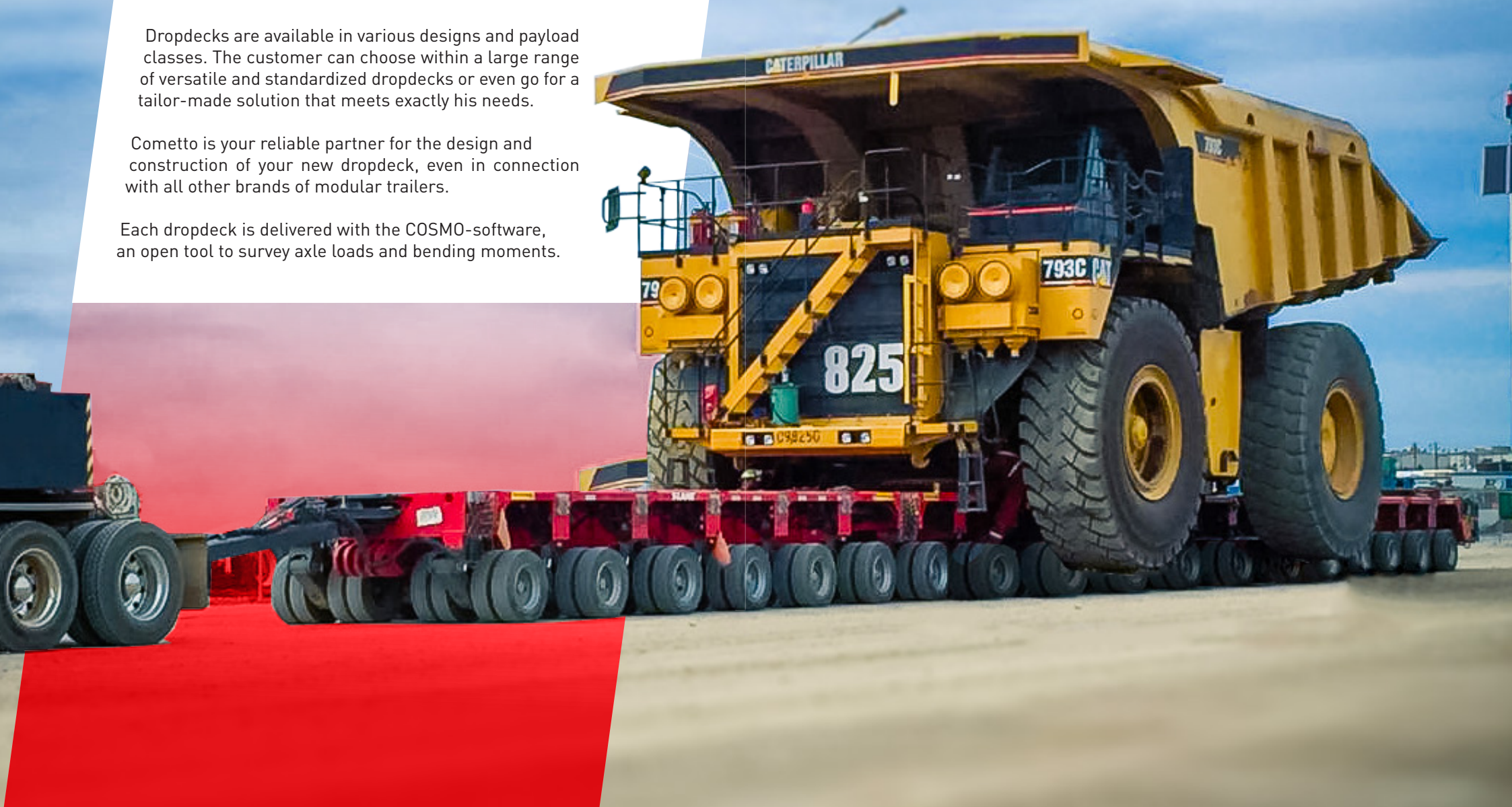


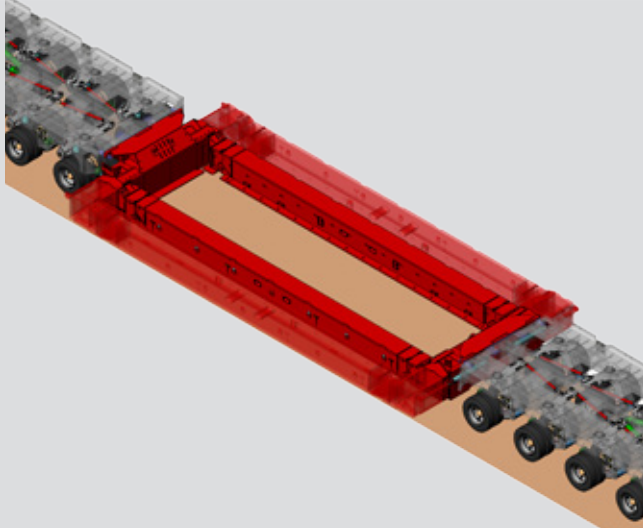
LOWEST BEDS FOR HIGHEST LOADS

Dropdecks are available in various designs and payload classes. The customer can choose within a large range of versatile and standardized dropdecks or even go for a tailor-made solution that meets exactly his needs.

Cometto is your reliable partner for the design and construction of your new dropdeck, even in connection with all other brands of modular trailers.

Each dropdeck is delivered with the COSMO-software, an open tool to survey axle loads and bending moments.



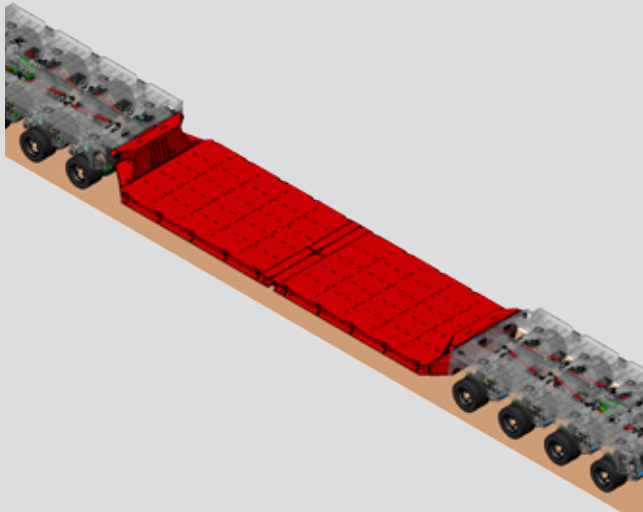


Move a vessel, take a perimeter deck

The hydraulically widenable crossbeams are connected to the platform trailer by means of coupling heads. Alternatively, crossbeams are available in an over-drivable version, with hooks and quick coupling device.

Telescopic or non-telescopic elongation beams with bolt couplings on each end and lower seating surface with high point loads are integrated. Same for extendable cross saddles and hinged vessel supporting element.

- + Permits to pass height limitations on transport route
- + Length and width adjustable
- + Low design, extremely sturdy and reliable



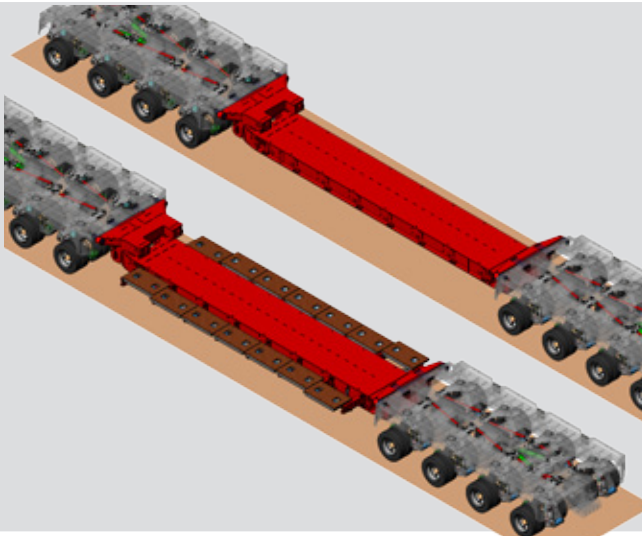
Move a transformer, take a flatbed deck

This deck has a beam construction height down to 250mm. The coupling heads are firmly welded to the deck or there is alternatively an over-drivable hook system with quick coupling device.

The lower bolt coupling in the drop deck allows to pre-stress the deck or to insert elongation pieces.

- + Minimum beam height for maximum load height
- + Low centre of gravity for safe transport conditions
- + Flexible possibilities for loading process



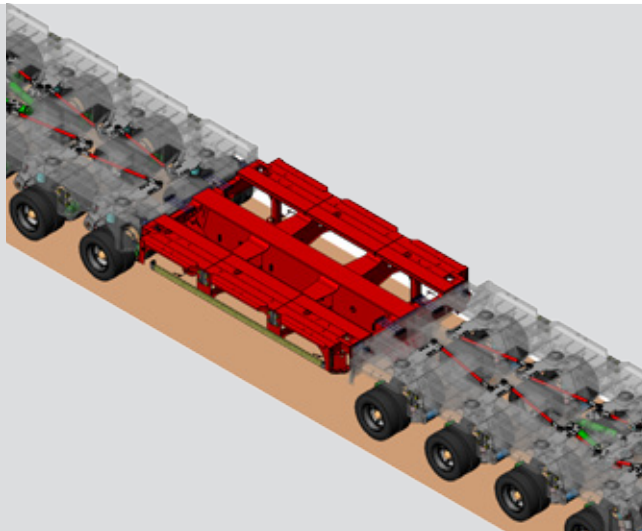


Move heavy machinery, take an excavator deck

The extendable or non-extendable central beams have as option a lower bolt coupling to insert elongation beams.

Foldable and removable outriggers with steel mattresses can be added. Quick coupling devices permits an easy handling.

- + Quick and easy loading process
- + Perfect load distribution
- + Outriggers for more transport options



Move special applications, take a spacer

Designed as a fully loadable platform or a combination of high-deck adapters and elongation beams or as a telescopic central beam for special applications.

- + Additional loading platform between bogies
- + Easy connection thanks to the lamellar bolt coupling
- + Available in different lengths

MORE TOOLS
FOR MORE POSSIBILITIES





- + Increases the payload capacity
- + Best manoeuvrability, easy to reverse
- + Allows an ideal transport stability

Sufficient traction force with a gooseneck

Alternatively to the drawbar, modular trailers can be connected to hydraulic goosenecks.

A load transfer from the axle lines to the gooseneck is guaranteed by connecting the gooseneck cylinders with the front axle line cylinders. Thus, there is no need to apply additional ballast weight to the truck tractor in order to generate sufficient traction force.

The ratio between fifth-wheel load and axle load is hydraulically and mechanically adjustable in a large range. Goosenecks are generally equipped with 2 pairs of steering cylinders in order to supply the trailers' front and rear steering system.

The rear gooseneck clearance and the coupling height can be adapted to the most common truck-tractors.



Longest loads on turntables

Turntables are available for the transport of long and heavy loads. The front turntable is a pure mechanical system. Depending on the requirements, one can choose on the front bolster either a 1-point or a 2-point bearing by means of removable sliding shoes.

The rear turntable is generally equipped with a hydraulic self-tracking device in order to steer the rear dolly automatically.

In addition to the standard 2-file turntable, tailor-made turntables for 3-file and/or 4-file trailers with load repartition frames are available upon request.

- ⊕ Increases the steering angle
- ⊕ Reduces the turning space
- ⊕ Permits a maximum agility



- + Easy use in narrow roads
- + Ideal for manual control steering
- + Steering system for 3 or 4-files trailers

A drawbar system for high manoeuvrability

Modular platform trailers can be pulled or pushed by a drawbar.

The drawbar system represents the easiest way to operate a modular trailer and offers high manoeuvrability under the most difficult circumstances. A trailer equipped on each edge with a drawbar can easily change its main driving direction if needed.

In order to increase the payload, reduce axle loads and to improve the bending moment usage, drawbar trailers can be assembled in 3-file (1+1/2) and 4-file (1+1) side by side combination .

As a general rule: the trailers with 18 axles lines or more should be pulled by a drawbar system instead of a gooseneck.

ACCESSORIES TO COMPLETE THE WORKING FIELD

Some additional features can be added to the MGSL modular axle lines:



Detachable hydraulic ramps

Powerpacks with Diesel engine from 10 kW to 36 kW & Control panels



Extendable spacer beam for modular trailers

Formed closed load stoppers



Lighting with underrun protection and warning boards



Spare Parts
Direct and quick!



Driver training
**Resolutely
customer-oriented**

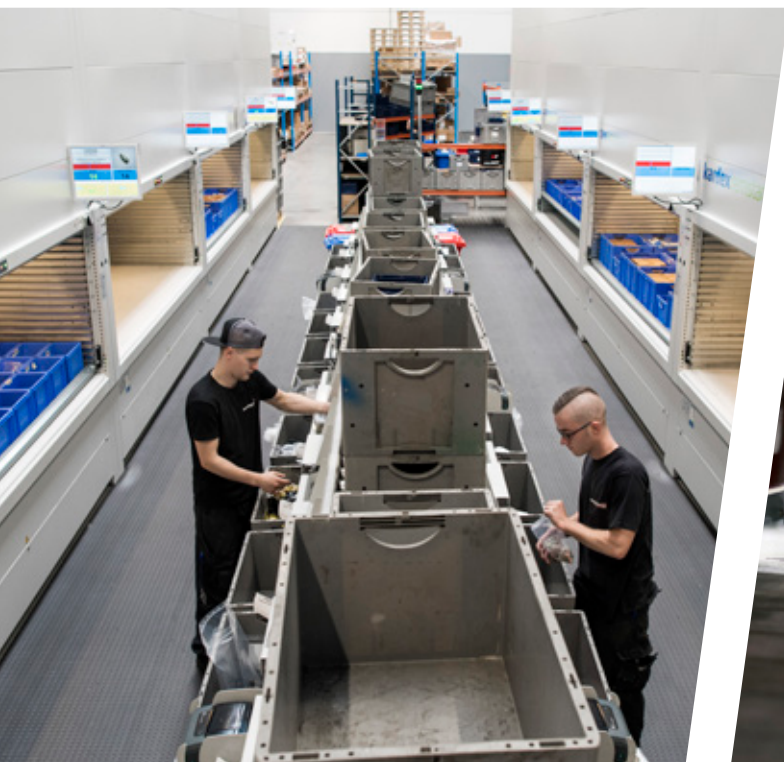


Service
24 hours a day

As part of a complete after-sales service package, our staff provides qualified advice with the necessary knowledge of the product, in order to find the ideal solution for your specific requirement. The requested vehicle parts leave our modern logistic department within the shortest delays. Competent advice, quickest delivery!

We provide a tailor-made driver training relating to your particular vehicle. Practical and theoretical! The drivers can take possession of their documents and user manuals in their respective languages. Self-explanatory and educational visual material can also be delivered. A complete support package to familiarize the drivers with the new vehicle.

Our service hotline (+39 0171 263330) guarantees practical and efficient assistance around the clock. The customer is king! Our experts are always available to help whenever you need assistance. Technical support can be given by our intern technicians or by local service partners. Efficient help for you, we care about you!



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