Low loader trailer and semi-trailer

www.fliegl.com
FLIEGL LOW LOADER
ROBUST. INNOVATIVE. FLEXIBLE.

Heavy transport is demanding. Fliegl constructs vehicles to fulfill the highest requirements. The customer can individually equip the trailer and semi-trailer to adapt it optimally to its application. Extremely robust and with long service lives, these trailers mean investment security.

Quality

Top quality in series

Fliegl focuses on a system that has quality in it. In one of the most modern trailer production plants in Europe Fliegl combines decades of experience with exactly defined processes. The results are impressive utility vehicles in all sectors of construction transport. Qualified engineers and professionals check and seamlessly ensure the quality of the product during production. Thanks to direct communication Fliegl is able to make quick decisions, is flexible and capable of producing large quantities at short notice and delivering them on time.

Real value

Trailers and semi-trailers from Fliegl are robust, long lasting and keep their value. They match the harshest conditions on construction sites and on the roads, and stand out with their versatility and cost effectiveness. Fliegl trailers give you long term investment security.

Safety First

Passion for trailers means, taking on responsibility and providing a product in which the highest requirements for traffic safety and work safety are satisfied. Fliegl construction and municipal trailers guarantee certified safety and provide, by the use of many securing elements, the ability to master demanding transport tasks without problems and above all without danger.

Service

Always and everywhere

Fliegl's service package gives the customer security – all over Europe and around the clock. Fliegl 24/7 stands for quick and uncomplicated help from a central breakdown hot-line – 24 hours a day, 7 days a week.

When is comes to the crunch

A service package with the ADAC guarantees Fliegl customers long term mobility. They receive straightforward help in cases of punctures, accidents, electrical or electronic problems including recovery and towing.

Keep mobile

Being stationary is expensive. For this reason Fliegl quickly and reliably provides its customers with replacement parts. Ordering takes place quickly and directly over the Internet. The Fliegl spare part service is part of a complete service package, that you can confidently rely on.

Sustainability

Responsibility

Environmental compatibility, increasing raw material costs and increasing transport volumes – questions about the future that the transport industry has to deal with. Fliegl provides sustainable answers and combines ecology, economy and practical uses. Fliegls Intelligent vehicle concept includes as a consequence light construction, aerodynamic superstructures, flexible loading systems etc.

Green Road

From energy production through the production process to the final product – Fliegl stays up-to date handling the resources. The vehicle constructor has a large ecological know-how and is anxious to further perfect its raw material and environmental management.

Smart Road

Fliegl is one of the leading innovative companies of the utility vehicle sector. Flexibility and efficiency are fundamental pillars of the companies philosophy. The versatile Fliegl vehicles are suited to the countless tasks of the construction sector, they prevent empty trips, reduce fuel consumption and reduce wear and tear. Their secure and quick handling minimizes standing times. These are real arguments for the construction industry, where time and budgets are closely calculated.

An overview: The concrete advantages of these innovations for your daily use.

Identified – the idea or basic considera-


In 1992 Fliegl was the first vehicle manufacturer to design a low loader trailer with a straight loading area. The flat platform and the low-level design guarantee versatility and optimum weight distribution for the transport of construction machines, containers, construction materials or long materials. In addition, Fliegl also delivered low loaders of a more classic design, with beveled frame ends and a drive-over neck frame above the bogie.

**TWO AND THREE AXLE LOW LOADER TRAILERS**

**STABLE AND MULTI-FUNCTIONAL**

Double-axle low loader trailer for the transport of agricultural machinery and articulated machines.

Low loader trailer in cranked configuration with a loading height of about 860 mm.

Machine transport in its complete bandwidth – from small gardening and landscaping equipment to heavy weights for quarries.

**CENTRE-AXLE TRAILER**

Tandem and Tridem trailers are also part of the Fliegl low loader range. They can be fitted with an optional steerable trailing axle. They stand out in use with their easy handling, problem-free maneuverability and optimum load distribution.
**FOUR AND FIVE AXLE LOW LOADER TRAILERS**

*Long Lasting and Durable*

The customer can choose between lightweight constructed trailers with level platforms or a more classic design, with beveled frame ends and a drive over neck frame above the bogie. Low loader trailers from Fliegl are well thought out, well perfected all-rounders, which are fitted with 11 tonne axles and indestructible floor coverings as standard.

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**FOUR-AXLE LOW LOADER TRAILERS**

Four-axle low loader trailer with level platform and a loading height of about 980 mm.

Low loader trailer with cable winch.

Five-axle low loader trailers with steerable trailing axle.

Five-axle low loader trailer with two pairs of wheel-recesses and a steerable trailing axle.

Four-axle low loader trailer with two pairs of wheel-recesses in galvanized finish.

Four-axle low loader trailer with level platform and a loading height of about 980 mm.

Four-axle low loader trailer with two pairs of wheel-recesses in special export length.

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**DRIVE-OVER RAMPS**

To load small construction vehicles onto the towing vehicle, low loader drive-over ramps with mechanical or hydraulic operation are available for your trailer. They level out the height difference between trailer and HGV, meaning uncoupling is not required.
**ONE AND TWO AXLE LOW LOADER SEMI-TRAILER**

RELIABLE AND VERSATILE

Fliegl low loaders transport construction equipment, machines and other heavy goods securely, reliably and economically. With payload capacities of between 6 and 60 tonnes Fliegl constructs vehicles that are optimal for their deployment purpose and location.

**STANDARD APPROVAL**

EC TYPE APPROVAL FOR FLIEGL LOW LOADER SEMI-TRAILER

With low loader semi-trailers from Fliegl international goods traffic will be less complex and less bureaucratic. Equipped with the EC type approval you will be allowed into all EU countries without any additional checks. Fliegl’s Liftmaster together with three and four axle semi-trailers also have the valid Europa-wide authorization, making the additional national authorization superfluous.

**SIMPLE CONSTRUCTION, HIGHEST STANDARDS**

Fliegl is continually developing its low loader. The central focus is on weight and optimizing stability. This results in light trailers which are robust at the same time. In dialog with the customer Fliegl also makes customized low loaders, which cover the entire bandwidth of the heavy transport sector, all the way up to seven axle trailers for demanding military transport.
THREE AND FOUR AXLE LOW LOADER SEMI-TRAILERS
THE HEAVY TRANSPORTER FROM FLIEGL
Double acting hydraulic cylinder with load safety valve, inclinable ramps with top link securing, tested lashing rings for optimal and flexible load securing as well as a narrow cross member distance and 70 mm hard wood floor for high point loading – the low loader semi-trailer from Fliegl wins over with maximum transport safety.

Low loader with curtain-sides to protect sensitive loads and for flexibility in use.

Tri-axle low loader with two pairs of wheel-recesses for the transport of wheel loaders.

Quad-axle low loader with telescope function and a loading height of about 850 mm.

Quad-axle low loader with two steerable trailing axles.

WHEEL-RECESSES
Depending on its use the loading area of the Fliegl low loader can quickly and easily be converted by just one person. The wheel-recesses can be used in as much as the lightweight covering can be pushed completely inside the frame. The conversion works with a few simple actions and no tools are required.

Well developed and proven...

EC TYPE APPROVAL
Because of its interlocking, friction-enhancing profile the standard grating of the Liftmasters drop center is optimally designed for transport. The stable drive-over flap between the ramp and drop bed can take heavy loads without breaking.

**THE LIFTMASTER FROM FLIEGL**

**CUSTOM MADE FOR A GROWING MARKET**

Lifting platforms are rented more and more for industrial cleaning, maintenance and mounting work and need to be quickly and safely transported from A to B. To satisfy the growing demand from the access technology branch, Fliegl has developed the Liftmaster – especially for the transport of working platforms and fork lifts.

**SECTOR REQUIREMENT AS VEHICLE CONCEPT**

**THE CUSTOMER PROVIDES THE DIRECTION**

From the idea, through the requirement analysis to the finishing off and final acceptance – Fliegl has devised the Liftmaster together with the leading companies involved in powered access equipment. The result is a low loader semi-trailer that is exactly customized to the requirements of the sector. At the same time it can be individually equipped by the customer, for example, with or without the telescope function.

**PERFECTLY SET IN GRATING**

Because of its interlocking, friction-enhancing profile the standard grating of the Liftmasters drop center is optimally designed for transport. The stable drive-over flap between the ramp and drop bed can take heavy loads without breaking.
RAMP DETAILS
The range of ramps available from Fliegl is as diverse as the range of uses of the low loader. They are available in diverse lengths, widths and heights with different coverings such as wood, rubber or grating. Hydraulic ramps can be used as well as mechanical ones, which can be driven by a HGV power take-off or an electrical power unit.

EQUIPPED FOR HARD JOBS
All ramps from Fliegl are galvanized. This protects them from rust making them durable and robust. Daily stresses under raw conditions are dealt with without a problem.

FULL SPACE UTILIZATION FOR MORE ECONOMY
Drive-over ramps, mounted (left) or folded (right), for the loading of small machines on the goose neck. Fliegl’s low loader semi-trailers optimize transport solutions quickly and effectively.
The sophisticated equipment possibilities for Fliegl’s low loaders make day-to-day transport comfortable and secure. With a large selection of storage and load securing elements, the customer of the vehicle can optimally adapt to his requirements.

### Equipment Details

**Adaptable and Flexible**

The goose neck of the Fliegl low loader semi-trailer can be equipped with a tarpaulin as an option. This protects the load and accessories from theft and the weather and can be used as a cover for the working area.

### Equipment Details

**Telescopically folding rear support with comfortable foot operation.**

**Electro-hydraulic unit to operate the drive-on ramps.**

**Mechanically folding rear support with comfortable foot operation.**

**Electro-hydraulic unit to operate the drive-on ramps.**

**The wooden planks for widening the drop center are stored in the middle of the loading area (right) or optionally under the loading area.**

**5 tonne lashing point.**

**10 tonne lashing stud.**

**Tarpaulin Structure**

**The extra for storage and load securing**

The goose neck of the Fliegl low loader semi-trailer can be equipped with a tarpaulin as an option. This protects the load and accessories from theft and the weather and can be used as a cover for the working area.
ACCESSORIES THAT CAN DO MORE

Fliegl low loaders are sophisticated vehicles down to the last detail. Intelligent aids make handling the trailer practical, easy and safe.

EQUIPMENT DETAILS

For complete road construction vehicle consisting of rollers and asphalt paver, Fliegl has made a drive-over neck. This effectively means the entire length of the vehicle can be used.

Drive-over Neck

Fliegl installs wheel-recesses in different configurations. The side marking illumination is protected in the outer frame.

Variable load securing system for removable container locking mechanisms, stanchions and eyelets.

Storage compartment set into the turntable.

Storage bins in the drive-over incline of the goose neck as standard.

Excavator trough

Excavator scoop trough