

# Company

## Who we are

LYMA stands for innovation

LYMA crane and vehicle construction is an innovative medium-sized company in the field of specialized vehicle construction. Our core business is the installation of folding cranes for trucks within the medium to heavy load range of approx. 40 to more than 200 metric tons of our partner FASSI, which, including the

auxiliary frame and superstructure, we install on all renowned manufacturers' suitable chassis upon our customer's individual request.

## Success factors

Focussing on the essentials

After a complex market research throughout Europe we realized that special structures and superstructures is a particularly promising line of business. In order to strengthen our competencies we created a very professional experienced and future-oriented team of engineers,

welders and mechatronics engineers, whose skills are the guarantors of our success. With construction, manufacturing and service departments of our own, our team currently consists of 20 members of staff.

## New vehicles

Bear-proof and reliable

We have acquired our know-how throughout an evolutionary process: trial and error, experimenting, learning from mistakes we made. Focussing on new vehicles and new cranes was also a result. Within only a few years we built our reputation on the market. This is confirmed by the continuous incoming orders from all over Europe.



# Products



In developing each crane vehicle concept, meeting our customers' needs and desires, we work in accordance with the vehicle's technical installation guidelines, together with renowned chassis manufacturers. In doing so, the exact knowledge of the vehicle's tasks is particularly important, in order to take all relevant and absolutely essential technical features and design characteristics into account.

From a single source we offer:

- crane assembly behind cab or at rear
- cranes from approx. 40 tm to 215 tm
- crane vehicles as 3-axle, 4-axle or 5-axle, triple (tridem) axle
- drive formulae 6x2, 6x4, 8x2, 8x4, 10x4, hydro
- driver's cabins short, medium, long, low, high
- chassis in normal or low construction
- models such as semi trailer truck or swap trailer
- combinations with platform and fifth-wheel coupling
- platforms available on request: short, long, extendable, fixed, detachable, varnished, galvanized
- special design as platform or tipper
- over width markings
- toolboxes, etc.



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# CRANE VEHICLES FOR YOUR SUCCESS

# LYMA<sup>®</sup>

KRAN- UND FAHRZEUGBAU

Quick deciders always find demonstration vehicles with us, as we offer all different crane sizes available at short notice, which can be viewed at any time. Come and visit us!



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# Core competencies

## Design

### Innovative vehicle concepts

After a comprehensive advice and requirement analysis with the client the vehicle construction is carried out by means of the latest 3D-CAD-technology. It takes the chassis', the requested construction's and the crane type's data, as well as the applied steel's strength values into consideration.



## Frame construction

### Excellent manufacturing expertise

The design of our auxiliary frame is the guarantor for stability – the heart of our success. Excellently trained and regularly examined welders process the delivered laser parts turning them into perfectly fitting frame constructions. We work with all welding procedures common within the crane vehicle construction.



## Hydraulic System

### Individual assembly

We are also able to offer manufacturing and repair of hydraulic hoses and cylinders for new vehicle bodies of our own or in the event of service or repair.



## Paintwork

### Perfect surface coating

The paintwork's core task is to supply a high-quality and durable surface coating. We coat vehicles to customer specification with robust paints. That way damage made to the vehicle can be prevented in the long run.



## Installation

### Competent crane parameterization

But it is only the expert installation of electrics, electronics, pneumatics and hydraulics that makes your crane vehicle a safe and reliable machine. The crane parametrization, setting of the load capacity, the operational range and the overload system, guarantee that the truck-mounted crane only works stably within the permitted load capacity range. The German industrial injuries corporation set strict specifications regarding the commissioning of crane systems. With LYMA you have the right partner, supplying the highest safety standard and reliability for operating your truck-mounted crane.



The commissioning of a crane vehicle requires the adherence of the German traffic regulations (StVZO) and the CE-certification as well as the thorough assessment i.e. by a TÜV SÜD expert. By safety checking, testing the vehicle's carrying capacity and also proof-loading, it is ensured that the crane meets the legal requirements. A test seal and an entry written into the crane test and inspection booklet verifies that it is safe to use.

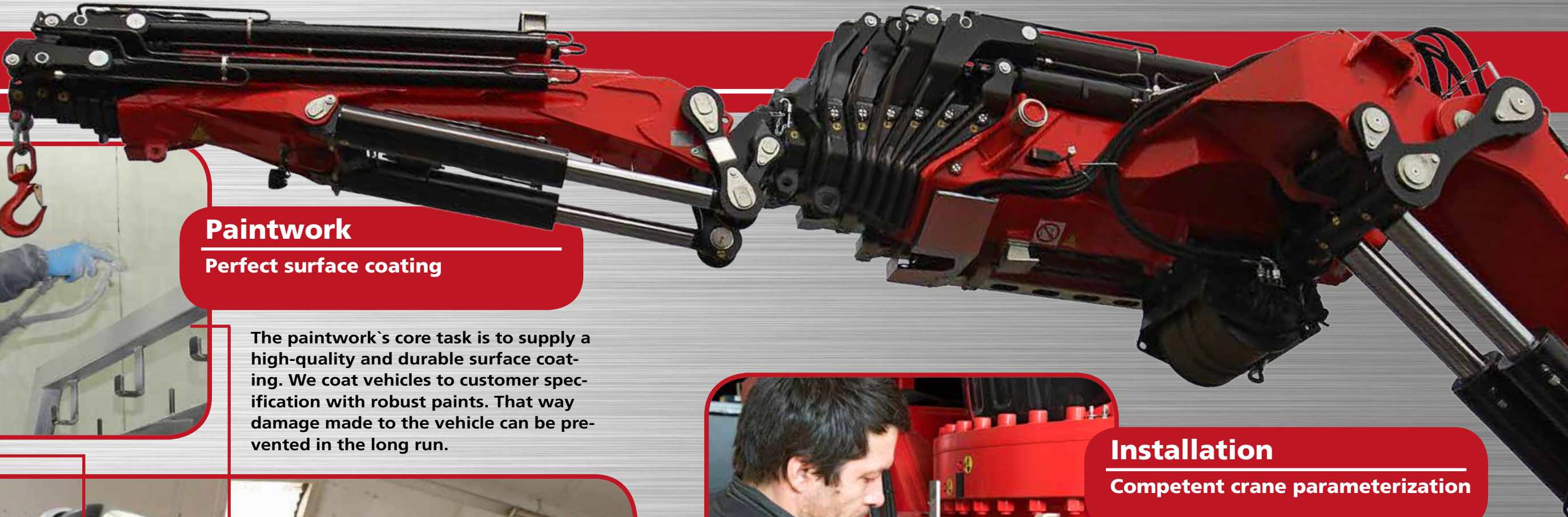
But even after that our comprehensive supervision does not come to an end. Upon request, LYMA offers the entire range of crane-service and annual maintenance. Additionally, service is available via a hotline and our mobile service.

## Assessment and service

### Sicherheit und Zuverlässigkeit



Day in day out, we work on addressing our customers' ideas and professionally implementing them. As a result our customers receives their own reliable, individually planned and high-quality manufactured vehicle that meets all requirements. The entire LYMA crane and vehicle construction team assures that our products are manufactured with best care and the highest quality standards.



Winner of the German „Spitze auf dem Land 2017“