

A TRULY SUPPORTIVE IDEA.



Complete Logistics Systems international GmbH (CLSi) based in Leer is revolutionising the world of industrial logistics. The company develops and builds a range of modern, efficient loading systems under the **Logispeed** product group label.



All this work is completed to customer specifications and observing the most stringent quality criteria – in other words typically “Made in Germany”.

A positive aspect is that CLSi, as a subsidiary of the renowned Logaer Maschinenbau Group, can rely on the extensive knowledge and skills of qualified staff and on state-of-the-art production machines and processes.

CLSi customers can be found within a very wide range of industries, including the automotive, electrical and food sectors. What they have in common is the wish to find a partner who can supply bespoke logistics system solutions to help increase their economic success.

Logispeed system solutions provide a whole host of benefits:

- precise scheduling of commodity flows
- careful and safe order picking in advance of required goods
- considerably shorter yard times thanks to quicker loading and unloading processes
- reduction in vehicle fleet = environmentally friendly
- reduction in the number of shop floor vehicles
- reduction in the number of truck parking spaces in the ramp area
- more efficient use of available storage volume, which means increased flow of goods in comparably less space
- reduction in labour costs and ancillary labour costs due to efficient use of personnel

More detailed information about the above system configurations can be found in the Logispeed project reports. Request your information pack now. It's worth it!

Do you have any specific questions?

We look forward to seeing you for an advisory meeting on your own premises or within the context of a product presentation with no obligation at our Engineering Centre in Leer.

Further information can be found at:

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The cargo base – the “heart” of all Logispeed systems



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The basis for maximum goods flow –
Logispeed systems

The Logispeed cargo base

Whatever Logispeed solution we develop at CLSi for our customers, the cargo base is the “heart” of all systems.

This TÜV-certified, mobile cargo base is a roller-mounted platform of high stability and extremely low construction height. Its dimensions are tailored to match exactly the cargo areas of conventional trucks.

Logispeed cargo bases can be loaded using all established shop floor vehicles (forklifts, cranes, pallet trucks, etc.) and are ideally suited for working with goods such as pallets, bags, coils, skeleton containers or goods stored and carried in lengths.

Cargo bases allow for the complete vehicle-independent advance picking of goods, and optionally also their securing, at any place and any time. This ensures that the entire cargo is available for time-saving transport. When the truck arrives, the completely loaded cargo base can simply be pushed into the trailer. The following examples demonstrate how easily the Logispeed cargo base can be integrated into a very wide range of system configurations.

Technical specification:

- ▶ material: aluminium (AlMgSi 0.8/S28)
- ▶ construction principle: plug-in system made of section segments with 4 rows of polyamide heavy duty rollers on the underside, Ø 40 mm each
- ▶ additional side guide rollers for smooth introduction of the cargo base into the truck body
- ▶ TÜV-certified automatic locking mechanism to secure the cargo base in the truck
- ▶ prepared for load anchoring
- ▶ conventional shop floor vehicles can drive on them
- ▶ load capacity: max. 25 metric tons
- ▶ dead weight: approx. 800 kg
- ▶ length: 13,600 mm*
- ▶ width: 2,400 mm*
- ▶ construction height: only 50 mm

* The L x W dimensions can be tailored to specific trucks.

Cargo base + Express loader

1.

The practical basic solution

Example: food industry

This Logispeed system solution represents a low-cost entry level for the world of Logispeed loading. Using an express loader, the goods are supplied economically on the **cargo base** via the ramp to the truck.

Palpable benefits:

- faster loading processes
- increased flow of goods
- optimal use of the vehicle fleet
- less space required in the loading zone



Cargo base + Transverse distributor

2.

The flexible shuttle solution

Example: automotive industry

This Logispeed system solution ensures that goods can be supplied to the various halls and production areas of a company as soon as the goods have been ordered in the system to cover demand. The order picking units in the warehouse are connected flexibly to the truck docking ramps by transverse distributors. These are fitted with integrated express loaders which enables the **cargo bases** to be loaded into the shuttle truck quickly. The truck is then also unloaded using an express loader at its destination.

Palpable benefits:

- IT-based picking and allocation of components along a supply chain
- targeted access to picked goods
- close coordination between warehouse and destination
- fast loading with excellent use of vehicle capacity



Cargo base + Express rack +
Express lift with integrated express loader

3.

Efficient cargo hi-rack solution

Example: food industry

This Logispeed system solution also ensures the maximum availability of goods at the right time. In the order picking area, all batches are composed individually from stocks and placed on the **cargo bases** using shop floor vehicles. The cargo bases can be stored temporarily in the rack compartments of the fully system-compatible Logispeed express rack. The Logispeed express lift with integrated express loader takes on the role of rack and truck loader equally.

Palpable benefits:

- reorganisation and channelling the operational product flows while at the same time reducing running costs
- additional storage capacities for cargo bases ready for transport using the available room height – ideal if truck arrival times cannot be planned to the minute



Cargo base + Outbound shuttle +
Truck loading station

4.

The complex outbound solution

Example: electrical industry

This Logispeed system solution incorporates the complete internal workflow – from the delivery of individual components from a logistics centre by the inbound shuttle to the outgoing material flow on the **cargo base** using a so-called transverse distributor. The track-guided, isolated outbound shuttles can be used as a link for finished products between their delivery to an exit ramp and a truck loading station. This also ensures that the height difference between the hall floor and the truck cargo area is compensated.

Palpable benefits:

- increase in productivity through lean production
- ensuring linear, fast material flow without intermediate storage
- direct connection to other logistics concepts
- good for production in clean room conditions



Cargo base + Mobile truck body express loader

5.

The mobile all-in-one solution

Strikingly innovative

The latest Logispeed innovation is a combined transport and loading system – the ideal solution for those who use lots of docking stations and ramps with comparatively low to medium vehicle frequency. The Logispeed express loader is permanently integrated in the body of vehicles from where it can move **cargo bases** loaded with goods via the available ramps. It has never been easier to load pre-picked goods quickly and safely.

Palpable benefits:

- faster loading and unloading without major modifications to facilities
- optimal availability and use of vehicles
- short amortisation time on investments
- great reliability by using time-tested technology

