



HLC-4000

WHEEL LOADER WEIGHING SYSTEM

The combination of reliability and innovative functions. With the ability to give your high demands a simple process.

CHALLENGES IN MOBILE WEIGHING TECHNOLOGY

Mobile weighing technology is playing an increasingly central role in modern logistics. However, as with many technological advances, there are specific hurdles that need to be overcome.



WEIGHT OF THE MATERIAL

Without mobile weighing systems, the exact weight of the material often remains unknown during loading, making time-consuming, stationary weighing necessary.



TRANSPORT OPTIMIZATION

An underloaded lorry wastes your capacity. An overloaded lorry carries the risk of penalties, increases wear and tear and poses a safety risk.



PROCESS MONITORING

Another challenge in mobile weighing technology is the collection and processing of data, the basis for good decisions.





MOBA WHEEL LOADER WEIGHING SYSTEM HLC-4000

With its precise and dynamic weighing system, the HLC-4000 enables exact weight recording, which prevents overloading and underloading. The robust design guarantees reliability under the most demanding conditions. An indispensable tool for anyone who wants to increase efficiency and safety in their loading operations.



Multi-job processing
incl. tip-off pile and tip-off
truck modes



Graphic visualization
& large touch display



Statistics & reports
as well as target weighing
function



Remote service
to minimize downtimes



Cloud connectivity
for further analyses in
the HLC-Web



Dynamic weighing
& multi-language support

THE FEATURES OF THE HLC-4000

- **Dynamic weighing system:** Precise weight recording in real time.
- **Intuitive operation:** Day and night modes guarantee perfect readability in all situations.
- **Remote access:** Access to the system enables remote service.
- **Robust sensors:** Reliable performance even in harsh environments.
- **Multi-language support:** Adaptable for international use.
- **Multi-job tasking:** Simultaneous management of multiple tasks.
- **Modular upgrades:** Simple expansion thanks to high modularity.
- **Video assists:** Video aids for effective user support.
- **Extended data storage:** Storage of 1.000.000 data records, 8 data lists with up to 1.000 entries per list.
- **Geofence function:** Collection of process data within configurable areas.



VISUALIZED TARGET
WEIGHING



TIP-OFF PILE
FEATURE



TIP-OFF TRUCK
FEATURE

„Since we have been using the HLC-4000, our loading efficiency has increased significantly. I am particularly impressed by the short start-up time of the scale, it is always there when you need it!”

„Transport optimisation with the HLC-4000 is a real game changer for us. Overloading or underloading is now a thing of the past and we can be sure that every lorry is optimally utilised.”

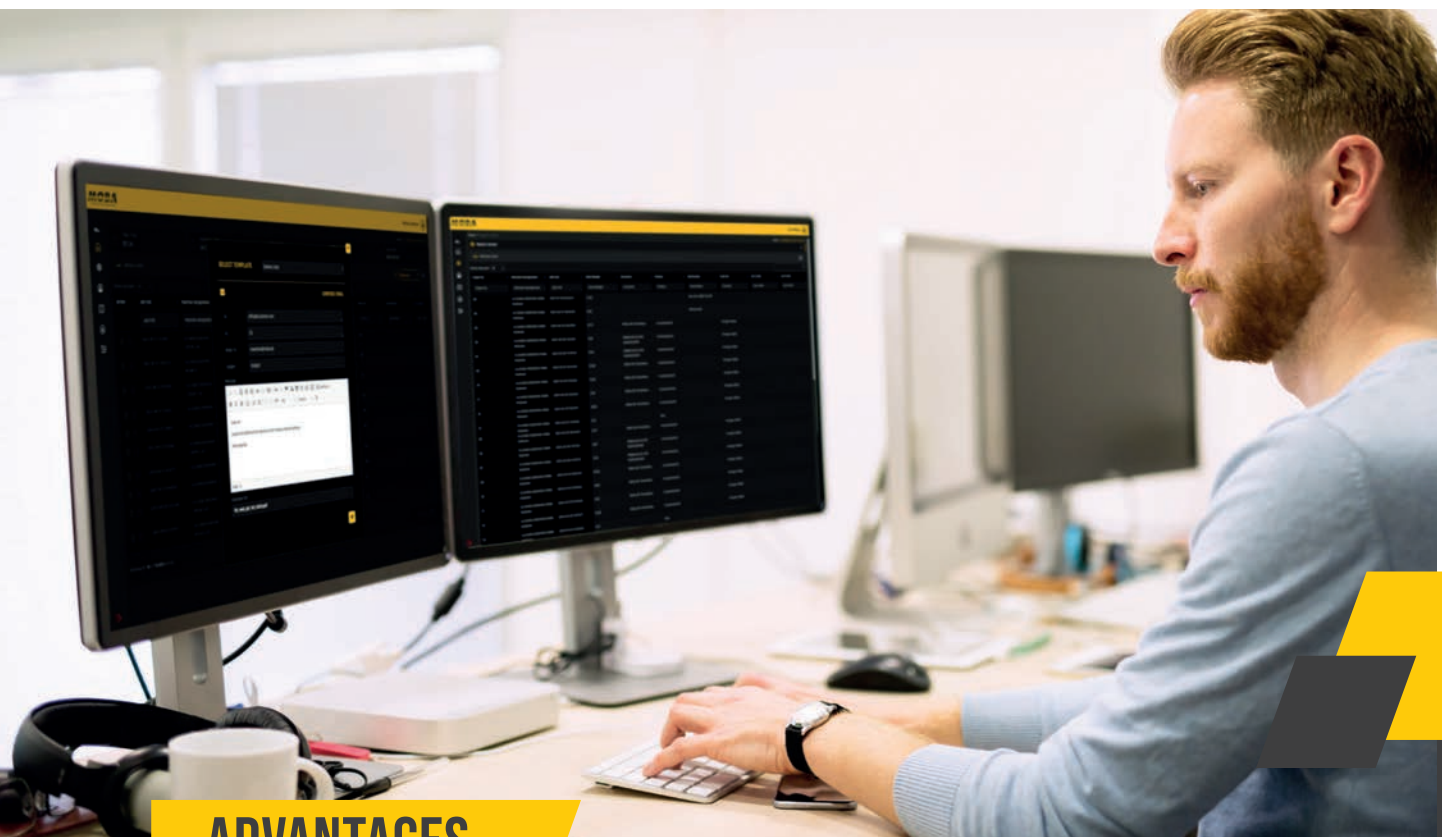
„The intuitive operation and the option of remote access to the system is very reassuring for us. If there are any problems, our service partner can respond immediately or we can help ourselves. No long waits for the service technician.”



OUR WEB PLATFORM

HLC-WEB

The HLC-Web-Portal serves as a digital hub with a user-friendly interface, designed to optimize business processes and streamline fleet management. It simplifies the management of vehicles, users, and operations, making it an essential tool for any business relying on mobile weighing systems.



ADVANTAGES

FLEXIBILITY

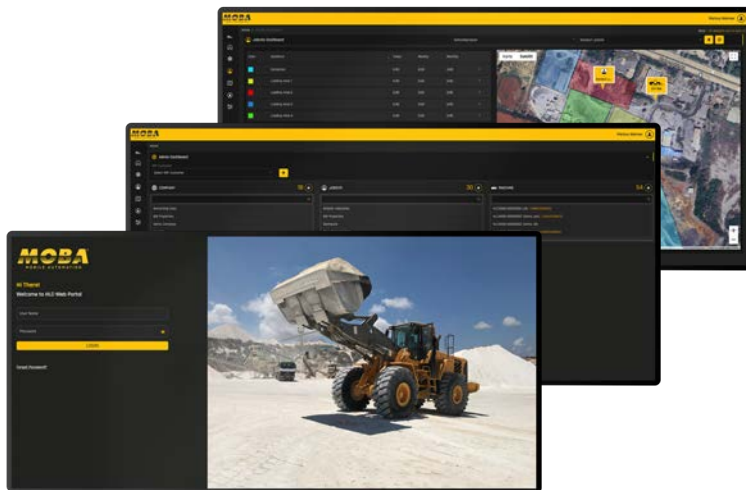
Remote access allows users to retrieve data in real time and adjust settings without having to be on site.

EFFICIENCY

Analysis tools provide real-time data and automated management tools that streamline fleet operations.

CONTROL

All data and system functions are accessible from a central dashboard, facilitating consistent monitoring and management.



With real-time data monitoring, the portal enhances operational efficiency by providing instant insights and alerts.

Additionally, features like geofencing, comprehensive vehicle management, and detailed reports and analyses ensure businesses can make informed decisions and maintain control over their fleet at all times.

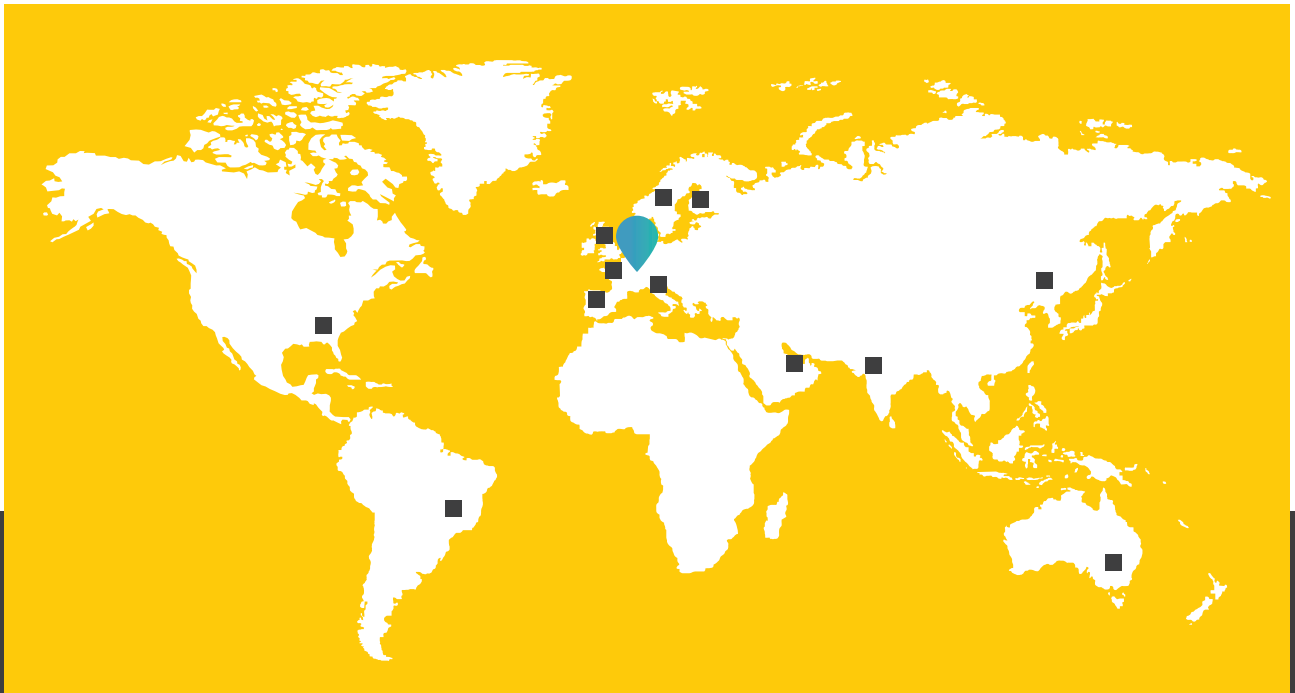
MOBA FLEET MANAGEMENT										
Summary										
Daily Total		Yesterday Total		Weekly Total		Monthly Total		Yearly Total		Note: All Weights are in tons (t)
0.00		0.00		0.00		-0.30		217.15		
Machine Data										
Action	Ticket No.	Machine Designation	Job End	Total Weight	Customer	Product	Destination	Truck No.	List & Info	List & Info
	Ticket No.	Machine Designation	Job End	Total Weight	Customer	Product	Destination	Truck No.	List & Info	List & Info
	86	HLG4000-00007003 MOBA Roadster	2024-07-03 09:32:47	0.30			Test H.L.C-4000 Tip-Off			
	93	HLG4000-00007003 MOBA Roadster	2024-06-27 08:46:06	0.00			Wendland			
	90	HLG4000-00007003 MOBA Roadster	2024-06-22 09:33:29	23.71	Mobu AG Testenbau	Ernstmaterial		Fertiger Kibbel		
	82	HLG4000-00007003 MOBA Roadster	2024-06-08 14:57:26	3.00	MOBA-VIS-10 EPS KURVEWART	Ernstmaterial		Fertiger Kibbel		
	81	HLG4000-00007003 MOBA Roadster	2024-05-08 14:42:42	13.16	MOBA-VIS-10 EPS KURVEWART	Ernstmaterial		Fertiger Kibbel		
	90	HLG4000-00007003 MOBA Roadster	2024-05-07 09:44:34	23.96	Mobu AG Testenbau	Ernstmaterial		Fertiger Kibbel		
	79	HLG4000-00007003 MOBA Roadster	2024-04-30 12:56:53	13.82	Mobu AG Testenbau	Ernstmaterial		Fertiger Kibbel		
	77	HLG4000-00007003 MOBA Roadster	2024-04-30 12:43:43	2.96	Mobu AG Testenbau	Ernstmaterial		Fertiger Kibbel		
	79	HLG4000-00007003 MOBA Roadster	2024-04-30 12:56:53	13.82	Mobu AG Testenbau	Ernstmaterial		Fertiger Kibbel		
	77	HLG4000-00007003 MOBA Roadster	2024-04-30 12:43:43	2.96	Mobu AG Testenbau	Ernstmaterial		Fertiger Kibbel		
	76	HLG4000-00007003 MOBA Roadster	2024-04-30 12:25:47	15.88	Mobu AG Testenbau	Ernstmaterial		Fertiger Kibbel		

**Weigh intelligently.
Work efficiently.**

MOBA GROUP

The MOBA Group has been an established name in mobile automation for more than 50 years. Our know-how and many years of experience in automation technology distinguish us as globally recognized experts. We develop and produce innovative machine control systems, identification and mobile weighing technologies as well as flexible software solutions. But MOBA components and systems are also used in other areas where robust and reliable sensors, controllers and operating units are required.

First Choice In Mobile Automation - that's what MOBA has stood for for more than 50 years!



CONTACT



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