

MOBA HLC-1000

LOAD MONITORING FOR WHEEL LOADERS



MOBA[®]
MOBILE AUTOMATION

MOBA HLC-1000 — THE RIGHT SYSTEM FOR EVERY REQUIREMENT



System facts:

- » Exact weight recording
- » Input of the target weight
- » Automatic totalling while loading materials
- » Clear 3.5-inch graphic display
- » Add-on system with no need for mechanical installation work

MOBA HLC-1000 — WHEEL LOADER WEIGHING SYSTEM

Load monitoring is an important issue in the transport sector. Overloading HGVs can do more than damage your vehicles; it can also hit your wallet. Because severe fines can be imposed where overloads of more than two percent are detected during checks, you can avoid such costs by monitoring the weight of your load throughout the loading process. The MOBA HLC-1000, a simple weighing system designed to provide weight monitoring during loading, provides the answer. The weight is determined using sensors that measure hydraulic pressure in front of and behind the hydraulic cylinder. As the position

of the loading bucket also makes a difference, its position is also ascertained using slope sensors. The display shows the load being added to the bucket and automatically sums up the total amount of material loaded in real time. Alternatively, the operator can enter a target weight and then the system will count down to zero from it. This makes it possible to record exact weights and monitor for overload during loading without interrupting the work in progress. Thus, journeys to stationary weighing stations are no longer needed — so avoiding unnecessary and time-consuming detours and delays.



Pressure sensor



Slope sensor



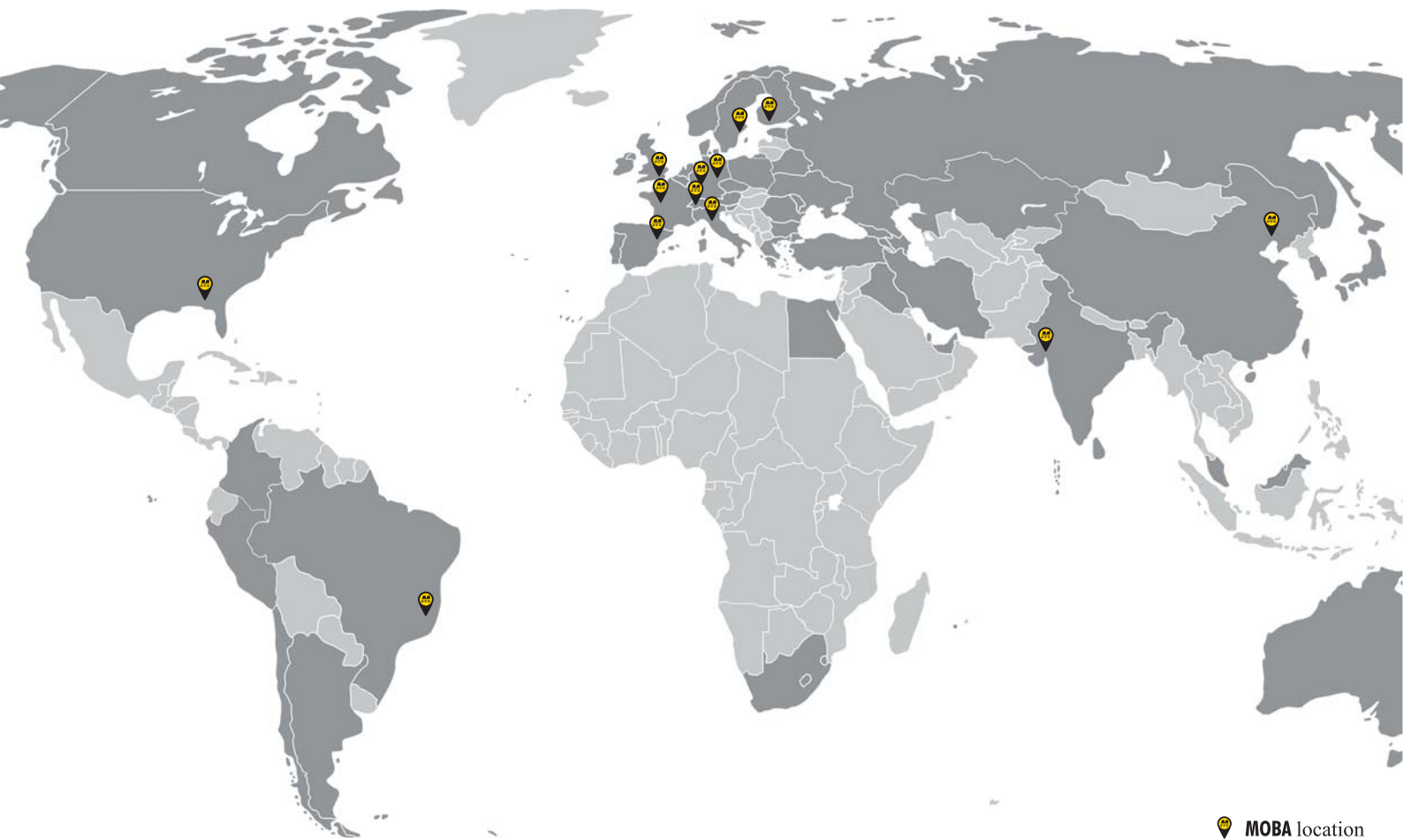
Junction Box

The MOBA HLC-1000 wheel loader scale provides reliable overload monitoring and due to the robust design of its components is suitable for use under the most demanding conditions. It is easy to operate – the clearly structured menu and the intuitive symbols are self-explanatory. The operator can select between entry and selection using buttons or encoders – thus allowing the system to be operated while wearing gloves. Thanks to its different display modes, the colour display is easy to read whether in direct sun or in the dark.

System benefits:

- » Compliance with permitted total weights
- » Prevents overloading and the resulting fines
- » Avoids the need for travel to stationary weighing stations
- » Intuitive operation
- » Very easy installation and adjustment

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 **Dealer**

MOBA worldwide

After you purchase our products we won't leave you to fend for yourself. In addition to headquarters in Limburg/Lahn and German branch offices in Dresden and Langenlonsheim, MOBA is represented by its subsidiaries in Europe, USA, India and Asia, and by a worldwide dealer network in all key markets in the sectors it serves.

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