

MOBA LASER-MATIC AND DUAL-LASER-MATIC:

GRADE AND SLOPE SYSTEM FOR KILVERS, PAN SCRAPERS, TOW GRADERS AND BOX-BLADES



MOBA[®]
MOBILE AUTOMATION

STATE-OF-THE-ART LEVELING SYSTEM: HIGH USABILITY, RUGGED DESIGN AND PRECISE RESULTS

With its high usability and operational reliability, the MOBA Laser-matic leveling system will live up to your expectations. Various settings guarantee an optimal adjustment to the machine. However, the Laser-matic Digital Controller is still easy to use and can be operated with just four keys.

The practical rugged construction is designed for operational reliability. The electronics are capsulated in a shock-proof and low-vibration manner. The membrane of the control panel protects the electronics completely against dust and moisture. The modular MOBA system with CAN-based technology guarantees future-proof flexibility: sensors can be exchanged or refitted easily at anytime.



» Stadio delle Alpi – MOBA Dual-Laser-matic used for leveling works in the soccer stadium of AC Turin (Italy)

Leveling works in the building and construction industry and during the construction of sport facilities

- » Industrial plants and workshops
- » Parking lots, storage areas and courtyards
- » Public or private squares
- » Airfields
- » Stadium and sport fields
- » Golf courses and tennis courts
- » Subdivisions and development projects

MOBA LASER-MATIC: REAL-TIME PRECISION FOR UP TO 10 HYDRAULIC CONFIGURATIONS

The MOBA Laser-matic is a laser-assisted control system for precise manual or automatic pan scraper or scraper height adjustment. The MOBA Laser Receiver LS-3000, located on the variable MOBA Electronic Mast ETM-900, receives height references of a stationary laser transmitter. The accurate hydraulic control or topographic measurement is carried out by the Laser-matic Digital Controller. Up to 10 hydraulic configurations can be saved, which allows the controller to be used in various machines without additional calibration.



Electronic Mast



» Preparation of a land area in a greenhouse with a pan scraper supported by a MOBA Laser-matic

Use in agriculture and gardening

- » Leveling works in agriculture
- » Irrigation areas
- » Greenhouses and alignment of plant rows
- » Gardens and parks



Laser Receiver LS-3000



Laser-matic

MOBA DUAL-LASER-MATIC: WHEN HEIGHT AND GRADE MATTER

The MOBA Dual-Laser-matic is equipped with two laser systems. It also features a leveling sensor and/or the MOBA Sonic-Ski®. This makes it a specialist when height and grade matter and when given profiles need to be observed exactly.



Controller DLS-2



Mechanical Mast



» Minigrader used in the construction of a bikeway – equipped with a MOBA Dual-Laser-matic

Roadbuilding

- » Dirt roads and tracts
- » Service and access roads
- » Construction of country and forest roads
- » Food paths and bikeways
- » Promenades in parks
- » Subdivisions and development projects



Slope Sensor



Sonic-Ski®



Dual-Laser-matic

MACHINE CONTROL BY MOBA: VERSATILE APPLICATION, FLEXIBLE SYSTEM

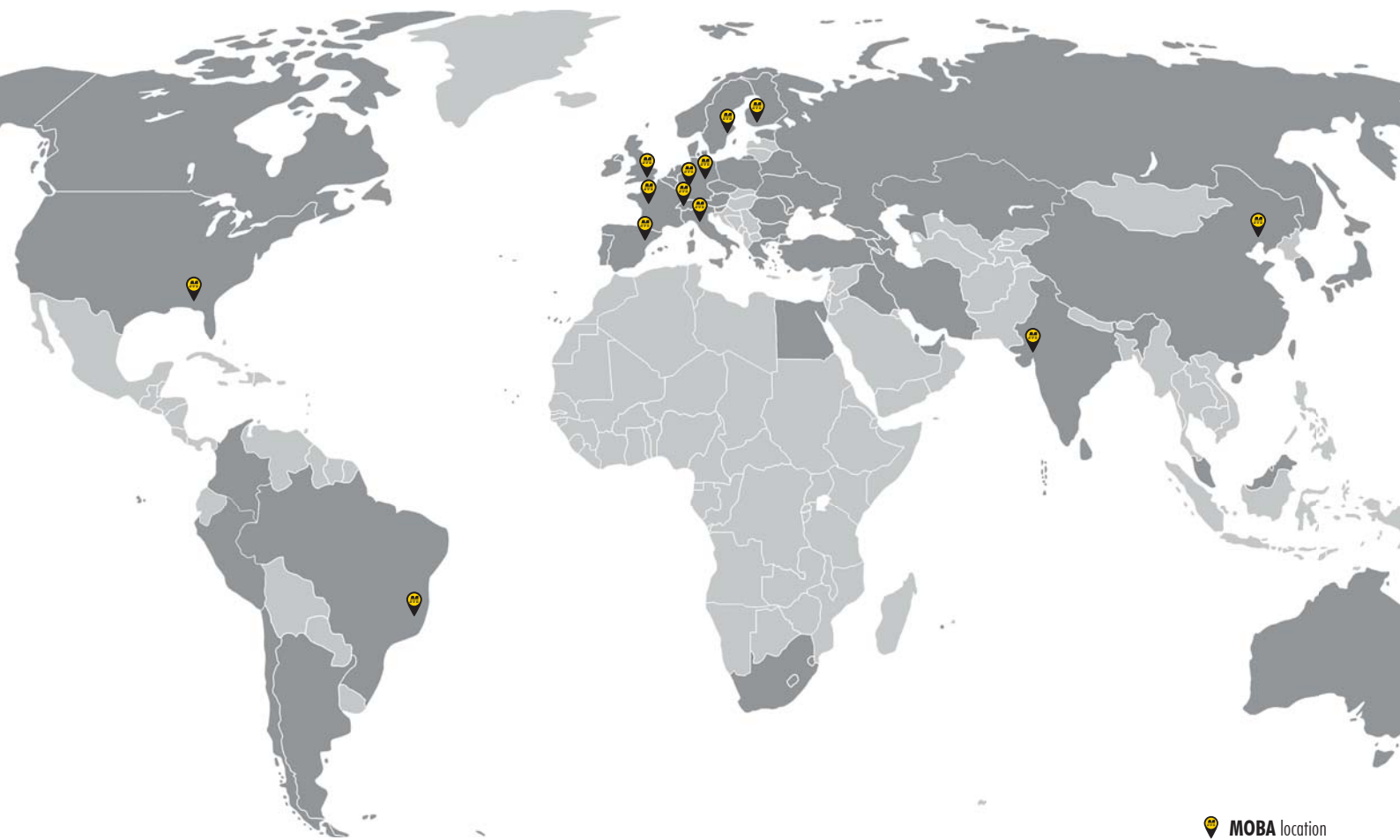
The MOBA Laser-matic is the world's most flexible leveling system. It has a rugged design, offers versatile applications and produces precise results. This makes the MOBA leveling system a strong partner for leveling works in the construction industry and for responsible handling of agricultural resources. The MOBA Laser-matic can be obtained in two models – the Laser-matic to be used for height adjustment and the Dual-Laser-matic for grade und height control.

| APPLICATION | Laser-matic | Dual-Laser-matic | Laser 1 | Laser 2 | Mast 1 | Mast 2 | Slope Sensor | Sonic-Ski® |
|--|-------------|------------------|---------|---------|--------|--------|--------------|------------|
| » Leveling in agricultural industry | ● | ○ | ● | ○ | ● | ○ | | |
| » Irrigation | ○ | ● | ● | ● | ● | ● | ○ | |
| » Other agricultural areas | ● | ○ | ● | ○ | ● | ○ | | |
| » Greenhouses and alignment of plant rows | ○ | ● | ● | ● | ● | ● | ○ | |
| » Construction of country and forest roads | ● | | ● | | ● | | | |
| » Gardens and parks | ● | | ● | | ● | | | |
| » Coast protection and beaches | ○ | ● | ● | ● | ● | ● | ○ | ○ |
| » Trencher | ● | | ● | | ● | | | |
| » Industrial plants and workshops | | ● | ● | ● | ● | ● | ● | ● |
| » Parking lots, storage areas and courtyards | ○ | ● | ● | ● | ● | ● | ○ | |
| » Road construction | ○ | ● | ● | ● | ● | ● | ● | ● |
| » Airfields | | ● | ● | ● | ● | ● | ● | ● |
| » Stadium and sports fields | ○ | ● | ● | ● | ● | ● | | |
| » Golf courses and tennis courts | ○ | ● | ● | ● | ● | ● | | |
| » Subdivisions and development projects | ○ | ● | ● | ● | ● | ● | ● | ● |

● = well-suited

○ = possible

WHEREVER YOUR MACHINES ARE IN USE,
WE ARE CLOSE BY.



😊 MOBA location
● 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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