

MOBA LASER-MATIC AND DUAL-LASER-MATIC:  
**GRADE AND SLOPE SYSTEM FOR PAN SCRAPERS,  
TOW GRADERS AND BOX-BLADES.**



# 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 encapsulated 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*



*Laser Receiver LS-3000*



» 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-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	○	●	●	●	●	●	●	●

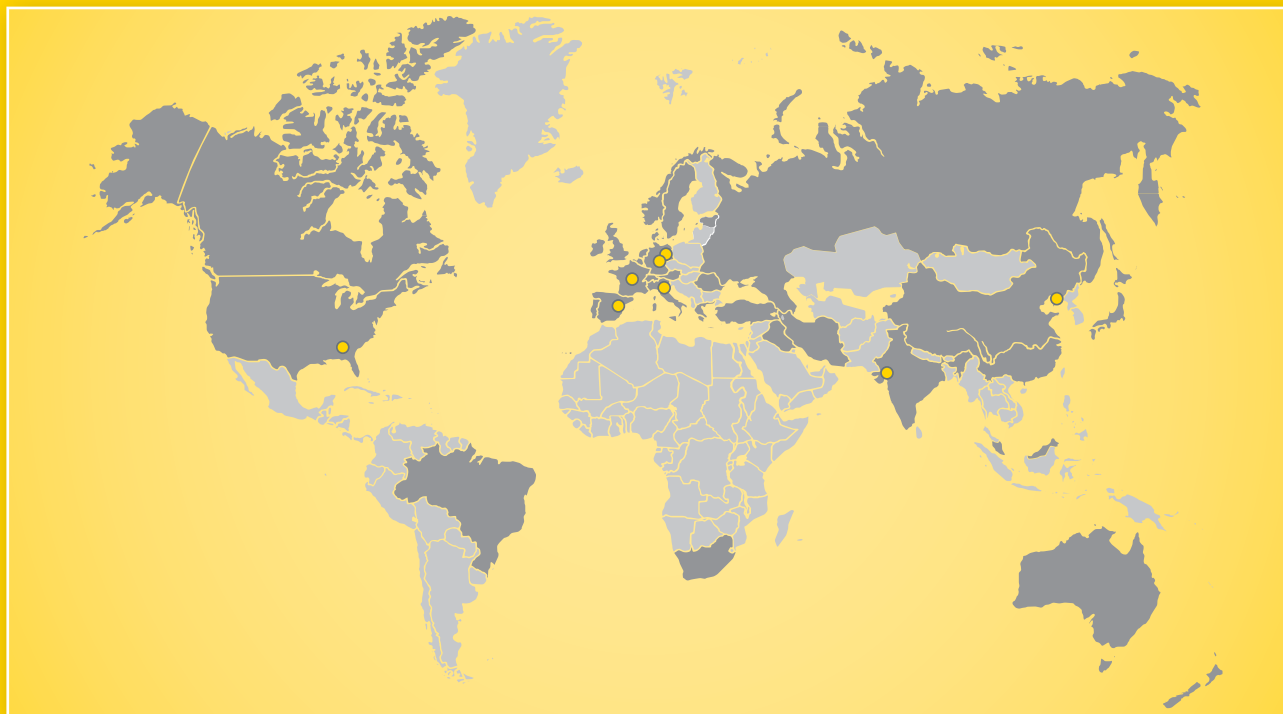
● = well-suited

○ = possible

WHEREVER YOUR MACHINES ARE PUT TO USE,  
WE ARE CLOSE-BY.

### MOBA worldwide

You will never stand alone with our products. In addition to our corporate headquarter in Limburg/Lahn, Germany and our German branch offices in Dresden and Langenlonsheim, seven subsidiaries in Europe, the USA, India and Asia as well as a global dealer network allow MOBA to be represented in all important markets of the business sectors supplied by MOBA.



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