

ROTEC LASER LEVELS



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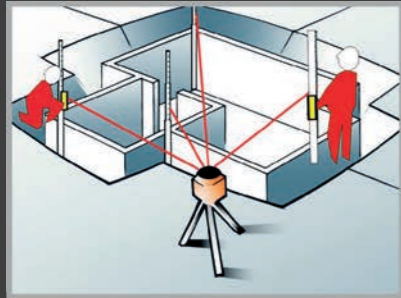
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DESIGNED FOR HARSH OPERATING ENVIRONMENTS

MOBA-AUTOMATION.COM.AU

ROTEC LASER LEVELS

AUTOMATIC SELF-LEVELLING AND MANUAL GRADES



Looking for a proven, reliable and robust construction laser? A laser you can count on to increase efficiency? A laser that is site tough? The Rotec construction laser series meets all of your job site needs, from layout to grade control.

KEY FEATURES

FAST

» High visibility red or green laser beam for quick and easy markups.

RELIABLE

» Alkaline and rechargeable batteries to ensure you never run out of power.

SET & FORGET

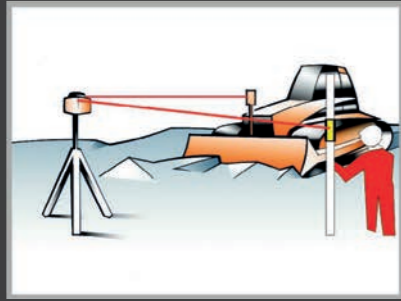
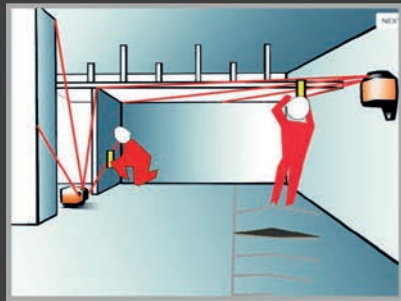
» Just set the laser and let it do the rest, knowing you'll get precision readings every time.

FORMWORK

» Concrete must be right the first time, every time. Verify that your pre-pour formwork is correct and at the precise design height in seconds.

EASY TO HANDLE

» Are you fed up with difficult-to-handle devices which are over complicated? All Rotec lasers self-level accurately every time at the push of a button, simply mount it on your tripod or wall bracket, switch it on and forget it.



AVAILABLE MODELS



LS.RH.HP

Automatic, horizontal, self-levelling laser with manual mode, hi-alert and alkaline battery pack



LS.RHV

Automatic horizontal/vertical self-levelling laser with manual mode, dual plumb beams, alkaline and rechargeable battery packs



LS.RHVG

Green beam, automatic horizontal/vertical self-levelling laser with manual mode, dual plumb beams, hi-alert, alkaline and rechargeable battery packs



ROTEC SPECIFICATIONS TABLE

MODEL	LS.RH.HP	LS.RHV	LS.RHVG
Laser source	635nm laser diode (red)	635nm laser diode (red)	520 nm laser diode (green)
Laser class	Class 2M	Class 2M	Class 3R
Levelling Accuracy	±1.5 mm @ 30 m	±1.5 mm @ 30 m	±1.5 mm @ 30 m
Levelling Range	±5°	±5°	±5°
Operating distance (with hand-held receiver R.LAS.RH/R.LAS.RHG)	600m	600m	600m
Operating distance (with R.3CHS.MC machine control receiver)	800 m (receiver in fine mode) 1,000 m (receiver in normal mode)	N/A	N/A
Rotating head speed	600 RPM (adjustable via optional remote: 60, 120, 300 & 600 RPM)	0, 60, 120, 300 & 600 RPM	0, 60, 120, 300 & 600 RPM
Laser scanning function	0°, 10°, 45°, 90° & 180° (via optional remote)	0°, 10°, 45°, 90° & 180°	0°, 10°, 45°, 90° & 180°
Manual slope adjustment	±5° (via optional remote)	±5°	±5°
Remote control operating distance (approximate)	30 m indoor 20 m outdoor (optional remote)	30m indoor 20m outdoor	30m indoor 20m outdoor
Power supply	Rechargeable battery pack or 4x C size alkaline batteries	Rechargeable battery pack or 4x C size alkaline batteries	Rechargeable battery pack or 4x C size alkaline batteries
Hours in continuous use (approximate)	40 hrs rechargeable 60 hrs alkaline	22 hrs rechargeable 30 hrs alkaline	18 hrs rechargeable 24 hrs alkaline
Ingress protection	IP 55	IP 55	IP 55
Dimensions (L x W x H)	160 x 160 x 185 mm	160 x 160 x 185 mm	160 x 160 x 185 mm
Weight	2.0kg	2.0kg	2.0kg

ACCURATE

Electronic self-leveling and on-site calibration ensure you're always on level.

MANUAL SLOPE FUNCTION

Easily set single or dual manual slope.

COMPACT & LIGHTWEIGHT

Small, lightweight and compact, yet packed with loads of great features.

TRIPODS

A.MCE.074 Flat Head

A.MCE.113 Dome Head

A.MCE.158 Adjustable Tripod

MOBA tripods are sturdy, heavy aluminum build, with different adjustments for horizontal set ups



WALL BRACKETS

Heavy duty and reliable wall brackets made of aluminum and easily mountable for your lasers.



Wall bracket
A.MCE.100

MAGNETIC TINTED LASER TARGETS

A.100.004 Standard ceiling target

Ideal for getting a precise line when measuring and setting up for the job



A.100.004



ACCESSORIES

ENGINEERED TO THE HIGHEST QUALITY

RECEIVERS / REMOTES

The MOBA family of receivers and accessories offers solutions for any general construction and interior application. They are engineered to the highest quality and work seamlessly with you on the jobsite.

MILLIMETRE RECEIVER

Upgrade your standard MOBA hand held receiver to a heavy duty millimeter receiver for a small cost. Quote the model number of the laser, followed by upgrade when ordering your kit. Why upgrade your receiver? The unit measures the distance between the laser beam's hitting point and the marking notch and displays the value on the LCD screen in millimetres. Thus, level differences can be easily measured. Upon powerup, the device automatically performs a self-calibration procedure. This guarantees consistent accuracy.



Displayed in mm

Extra long reception window

5 accuracy settings



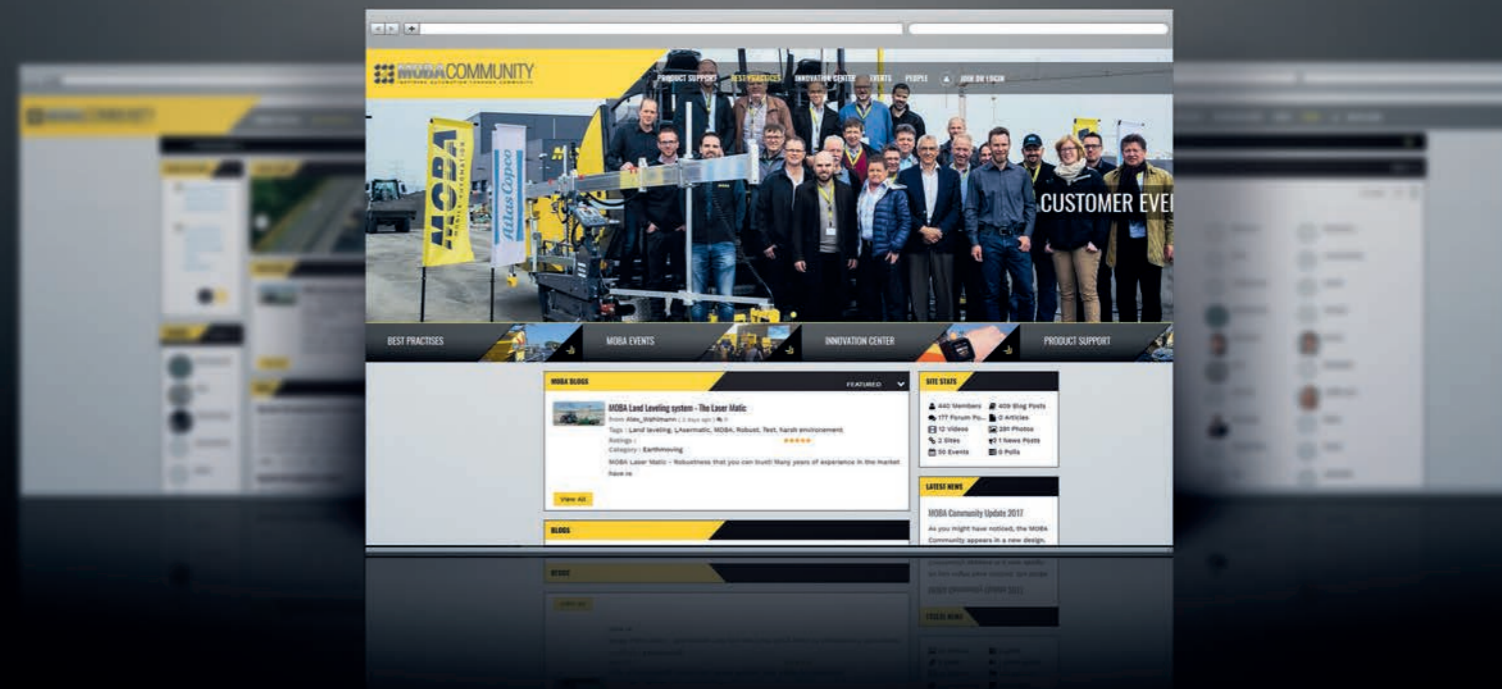
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Besides blog contributions regarding automation solutions of MOBA Mobile Automation AG, the Community offers numerous forums, discussions, event announcements or expert contributions about various topics of automation of construction machines. The **MOBA Community** acts as an interactive, international exchange platform for everybody who would like to participate actively in the development of this industry.

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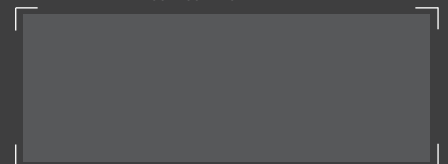
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