

LASERGUIDE MINI

COMPACT LASER
RECEIVERS



MCE
LASERS



R.45BM

The Laserguide Mini R.45BM is a machine-mounted laser receiver that indicates above, on or below-grade information to the operator.

The bright LED display shows where the machine's cutting edge is with regards to laser level set-up.

R.45B works with all rotating lasers to provide a low cost level or grade display for backhoes, mini-excavators and other small machines.

R.45B has a fully machined metal frame for strength and is built rugged for hard Australian conditions.



R.45.TC

The R.45.TC is the first compact laser receiver with automatic tilt compensation. In addition to displaying the position of the machine's cutting blade in relation to a set level the receiver will also automatically compensate for errors caused by inclination of the boom arm. It uses sophisticated electronic leveling sensors inside the instrument to automatically compensate for the boom arm deviation from true plumb.

Additionally, the R.45.TC allows the operator to select among 3 accuracy settings to suit a particular type of work site as well as our buzzer to alert the operator if the machine is above/below grade.

The extra long receiving area of 190 mm allows this receiver to be used on a variety of machines, from small excavators and backhoes to larger excavators, bulldozers etc.



Back Hoes



Graders



Excavators

	R.45BM	R.45.TC	R.45.TC PRO
Receiving area length (mm)	95	190	
Detected laser	Visible or invisible		
Receiving range	Up to 500 m (laser dependant)		
Shock protection	Yes		
Connectivity	N/A		CAN and Bluetooth
Waterproof	Yes		
Centre band adjustment	No	Yes	
Buzzer	No	Yes	
Tilt compensation	No	Yes	
Magnetic mounting	Yes	Yes	
Power supply	1 'D' cell battery		
Operating time	100 hrs	45 hrs	
Polarity protected	Yes		
Dimensions (H x W x D mm)	275 x 75 x 80	325 x 125 x 60	325 x 125 x 60



R.45.TC PRO

The R.45.TC PRO is by far the most advanced laser receiver on the market today, following all the features of the R.45.TC such as tilt compensation it also has the added function of CAN and Bluetooth communication. MCE Lasers has developed a range of in-cab display options giving the customer the choice of both wired or wireless displays. The system can also be integrated with 2D excavator systems such as the MOBA Xsite range



MCE.R45APP

Android based App allowing wireless in-cab display via Bluetooth connection



DB.UNI.PRO

Aluminium housed in-cab display allowing wired communication via CAN or wireless communication via Bluetooth

