

DISPLAY & CONTROL PANELS

Control Panels

A control panel is used to control the machine's hydraulics according to the output from the laser receiver. It also replicates the display from the receiver inside the machine's cabin.

A control panel can be used to either automatically control machine's hydraulics or the user can override and manually control the machines hydraulics via the switches on the control panel.

Accuracy settings and hydraulic response can also be adjusted (dependant upon control panel model).

DUAL CONTROL PANEL CB.2000



- ▶ Suits bang bang valves
- ▶ 3 accuracy settings
- ▶ Economically priced
- ▶ Toggle switches
- ▶ Dual control panel works with R.3CHS.MC or Blade

DUAL CONTROL PANEL CB.DUO²



- ▶ Suits proportional or bang bang valves
- ▶ 3 accuracy settings
- ▶ Large, easy to read LCD display
- ▶ Machined aluminum casing
- ▶ Dual control panel works with R.5CHP.MC or a large array of slope and ultra sonic sensors

CONTROL PANEL CB.2001



- ▶ Suits bang bang valves
- ▶ 3 accuracy settings
- ▶ Economically priced
- ▶ Toggle switches
- ▶ Works with R.3CHS.MC or Blade leveller

CONTROL PANEL CB.2200



- ▶ Suits bang bang valves
- ▶ 3 accuracy settings
- ▶ Economically priced
- ▶ Toggle switches
- ▶ Works with R.3CHS.MC
- ▶ Can be integrated with

CONTROL PANEL CB.D2



- ▶ Suits proportional or bang bang valves
- ▶ 3 accuracy settings
- ▶ Can be integrated with elevating mast
- ▶ Large, easy to read LCD display
- ▶ Die-cast aluminum casing
- ▶ Works with R.5CHP.MC and

Display Panels

A display panel replicates the display from the receiver, inside the machine's cabin. A display panel can be used when there is no direct line of sight to the laser receiver mounted on the machine. The display panel can also be used to change the accuracy settings of the receiver.

DISPLAY PANEL DB.DUO



- ▶ Brightness control
- ▶ Centre band accuracy selection
- ▶ In-cab display via cable
- ▶ Toggle switches
- ▶ Works with R.3CHS

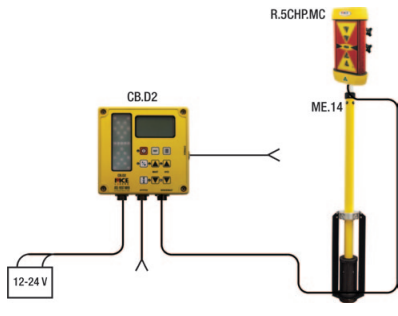
DISPLAY PANEL CB.3CH



- ▶ Brightness control
- ▶ Centre band accuracy selection
- ▶ In-cab display via cable
- ▶ Push button switches
- ▶ Works with R.5CHP and DUO series receivers

RECEIVING SYSTEMS

Receiving Systems



Receiving systems from MCE Lasers allow you to maximise the time you spend productively in the cab. By guiding your machinery to an exquisite level of accuracy of depth or elevation, you will optimise machine time. This means greater efficiency, effectiveness and profitability for your business.

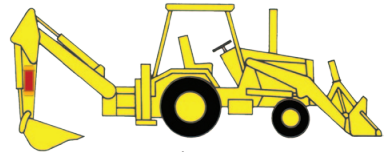
You can use MCE Lasers' rugged, highly flexible receiving systems on a wide range of machines. The receivers can be used either for visual display or in conjunction with a control panel for fully automatic blade control.

MCE Lasers' modular design enables us to put together receiving system combinations to suit every machine and application. Our knowledge and leading industry experience also allow us to create custom receiving systems tailored to your specific application.

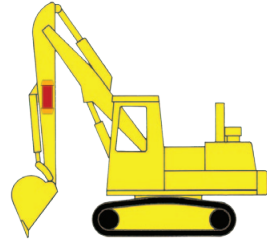
APPLICATIONS

- ▶ Land levelling
- ▶ Road construction
- ▶ Agricultural site preparation
- ▶ Airfield construction
- ▶ Stadium and sports fields
- ▶ Golf courses and tennis courts

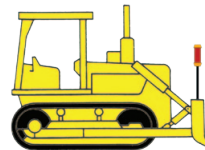
MCE Lasers receiving system setup on a scraper



Back Hoes



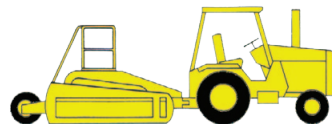
Excavators



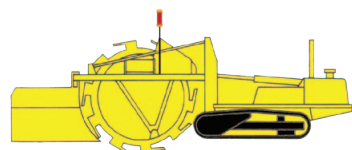
Bulldozers



Graders



Drag Scrapers



Trencher

COMMON VISUAL GUIDANCE RECEIVERS TO SUIT VARIOUS MACHINES

	Product code	Product description	Excavation <10 tonne	Excavation <15 tonne	Excavation <40 tonne	Graders	Dozers	Skid steer	Box blade
RECEIVERS	R.5CHP.B	Laseguide 9 channel receiver with internal battery	O	O	O	S	S	O	S
	R.DUO.B	Duo series receiver with internal battery	O	O	S	O	O	O	O
	R.3CHS	Laseguide 5 channel receiver	O	O	O	O	O	O	O
	R.45.BM	Laseguide mini receiver with magnetic bracket	S	O	O	O	O	S	O
	R.45.TC	Laseguide mini receiver with tilt compensation & magnetic bracket	O	S	O	O	O	O	O

STANDARD RECEIVING SYSTEMS FOR AUTOMATIC MACHINE CONTROL

	Product code	Product description	RS.023	RS.022	RS.021	RS.020	RS.009	RS.007	RS.002U
RECEIVERS	R.5CHP.MC	Laseguide 9 channel receiver for machine control	S	S		S (2pcs)			
	R.DUO.MC	Duo series receiver for machine control	O	O		O (2pcs)			
	R.3CHS.MC	Laseguide 5 channel receiver for machine control			S		S (2pcs)	S	S
CONTROL PANELS	CB.D2	Control panel with electric mast controller for 9 channel receiver	S	S					
	CB.2001	Control panel for 5 channel receiver/blade leveller						S	
	CB.2000	Dual control panel for 5 channel receiver/slope/sonic sensors			S		S		
	CB.2200	Control panel for 5 channel receiver							S
	CB.DUO2	Dual control panel for 9 channel receiver/slope/sonic sensors				S			
ELEVATION MAST	ME.12U	Standard electric mast							S
	ME.14	Heavy duty electric mast		S					
	ME.14HS	Heavy duty, high speed electric mast		O					
	ME.15	Manual elevation mast	O		O	O (2pcs)	O (2pcs)	O	
SENSORS	BG.001	Blade leveller for use with CB.2000/CB.2001 control panels			S			O	
	BG1500	Slope sensor for use with CB.DUO2/CB.D2 control panels				O			
	TR.002	Ultrasonic sensor				O			