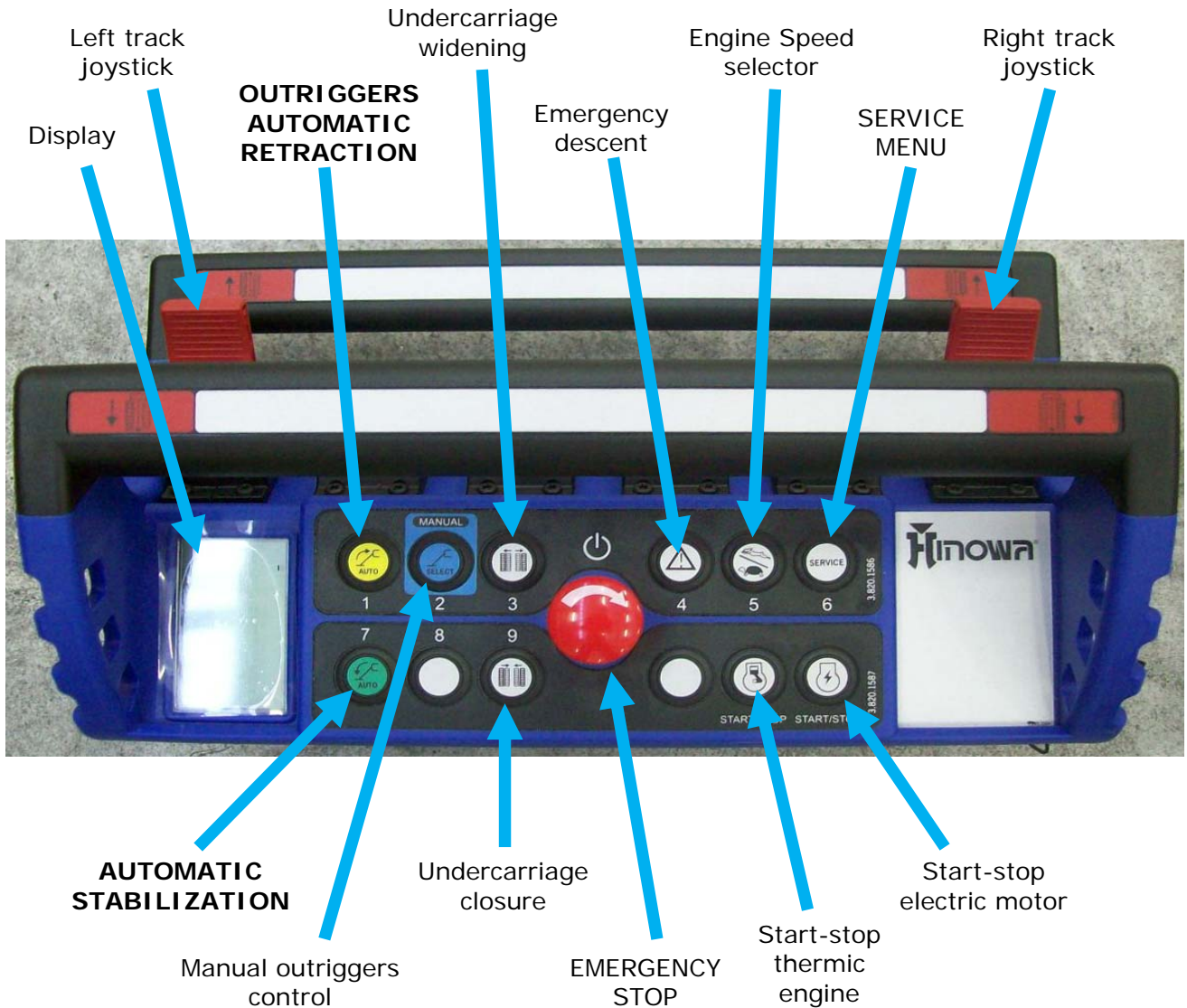




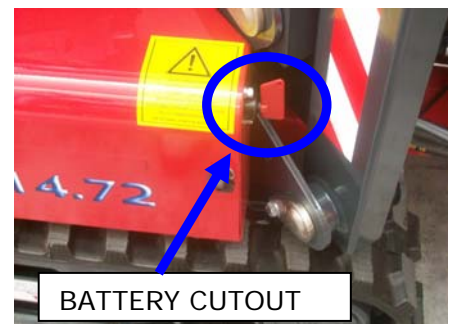
Miniexcavators – Undercarriages - Minidumpers – Skid Steer Loaders – Aerial Platforms

**ATTENTION: THIS BOOKLET DOESN'T SUBSTITUTE THE OPERATION AND MAINTENANCE MANUAL. IT'S NECESSARY TO READ CAREFULLY AND UNDERSTAND THE OPERATION AND MAINTENANCE MANUAL BEFORE CARRYING OUT ANY MANOEUVRE WITH THE MACHINE.**

### QUICK INSTRUCTIONS FOR HINOWA GOLDLIFT 1780 -1470 3S

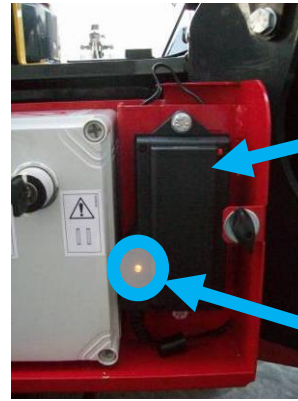


To be able to start the machine, the engine key switch must be in the "ON" position and all the emergency stop buttons must be released. The battery cutout must be in the vertical position. The thermic or electric motor (the latter only if the machine is connected to the 220V mains supply) is started pressing the engine selector (see above picture).



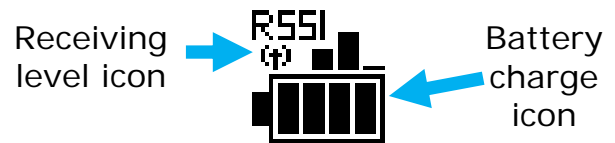
## USE OF RADIO CONTROL

If the communication between the radio control and the receiver is interrupted from about 15 minutes, the radio control will switch off, in this case to restart it will be necessary only to press and realise the STOP button. The radio control/remote control battery must be replaced whenever the corresponding icon on the display signals a flat battery. The discharged battery must be positioned in the special battery charger. The battery charger will recharge the radio control/remote control battery whenever the engine is running or the mains cable is connected with the engine key "ON".



Battery charger with battery fitted

Recharge status LED



Remote control power cable

In case of both the batteries are discharged or whenever radio transmission is disturbed by interference, it will be possible to connect the radio control to the cable already connected to the receiver, located at the base of the hydraulic distributor support in the basket. The battery is not recharged by the radio control/remote control cable. The only way to recharge the battery is to insert it in the battery charger.

## MOVING THE TRACKS

To move the tracks the machine needs to be aligned and with the outriggers raised from the ground.



PHOTOCELLS - RETROREFLECTOR



ALIGNMENT ARROWS

To move the tracks the operator could guide both from the ground or from the basket, pressing the track joystick.

1	2
3	4
5	↕
7	8

WHEN THE MACHINE IS CLOSED AND ALIGNED THIS SYMBOL IS SHOWN ON THE DISPLAY AND THE TRACKS AND STABILISERS CAN BE MOVED

## MOVING THE OUTRIGGERS

The outriggers can only be moved if the machine is perfectly closed and aligned. In this case the display shows the "machine closed and aligned" signal (see the pictures above). To move the ground part the radio remote control does not necessarily need to be positioned in the support on the cage and the operator can hold it while on the ground.

### AUTOMATIC STABILIZATION:

To stabilize the machine automatically the machine must be aligned. Then simply press the green button (number 7) on the radio remote control. The machine will automatically start the stabilization procedure. The aerial part can be moved when the display shows the OK symbol (see picture)



### MANUAL OUTRIGGERS STABILIZATION:

It is possible to move the outriggers in a manual way just pressing the blue button (number 2) and following the instructions that will show on the display (not recommended procedure).

### OUTRIGGERS AUTOMATIC RETRACTION:

To put again the platform in transportation configuration it is necessary that the aerial part is closed and aligned (see aerial part movements paragraph). Under this condition it is necessary to keep the yellow button (number 1) pressed.

## MOVING THE AERIAL PART

The aerial part can only be moved when the operator is on the cage and the radio remote control is on its housing on the cage. IN this condition and with the machine stabilized (see pictures below) simply press the levers on the control position on the basket to move the arms or to rotate the turret.

### AERIAL PART HYDRAULIC DISTRIBUTOR ON THE BASKET



RADIO CONTROL CORRECTLY INSTALLED INTO THE BASKET SUPPORT

WARNING LIGHT INDICATING THAT THE REMOTE CONTROL IS NOT POSITIONED ON THE SUPPORT







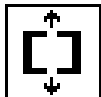






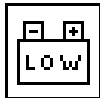
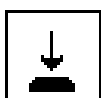
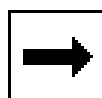




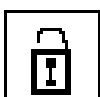



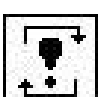





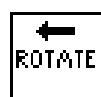
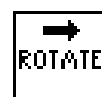
To work with 200 kg the jib arm must be closed. If the jib arm is open the maximum allowed weight in the basket is 120 kg.

If the weight on the cage exceeds the allowed one the movements will automatically block. It will be enough then to remove some weight from the basket to start working again.

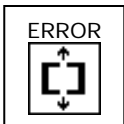
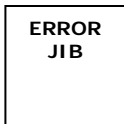
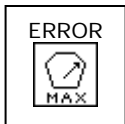
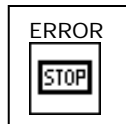

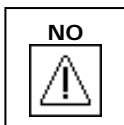
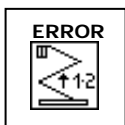
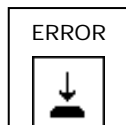
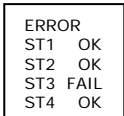
### PEDAL OPTION::

For some markets (for law reasons) the machine is equipped with pedal on the basket. On this version it is enough to press the pedal and in the meantime to press the joystick on the radio remote control to move the aerial part.

### LIST OF ICONS ON THE DISPLAY

	Weight selected 120 kg		Weight selected 200 kg		Thermic engine selected		Electric motor selected
	Thermic engine running		Electric motor running		Machine closed and aligned		Machine stabilized
	Minimum speed		Standard speed		Maximum speed		Emergency stop pressed
	Emergency lowering		Battery voltage low		Press pedal (option)		Select a control
	Overload in basket		Weight in basket too low		Lift outrigger		It's not possible to open the jib
	Safety bypass active		Close manually		CAN BUS signal missing		Control error menu
	Rotate Only GL17.80		Inclination too high		Jib opened without lever (control the jib lever switch)		Board or software wrong
	Close aerial part		Lift 1° e 2° arms ONLY GL17.80		Rotate to the left ONLY GL17.80		Rotate to the right ONLY GL17.80

### SELF DIAGNOSYS : LIST OF POSSIBLE ERROR MESSAGES ON THE DISPLAY

	Close and align the machine		Close the JIB to operate with 200kg		Overload in basket		An emergency stop is pressed
	Control the error menu		Movement without emergency lowering		E' necessario sollevare 1-2 braccio Solo GL17.80		Press the pedal (option)
	Indicates which device (fail) is in error						