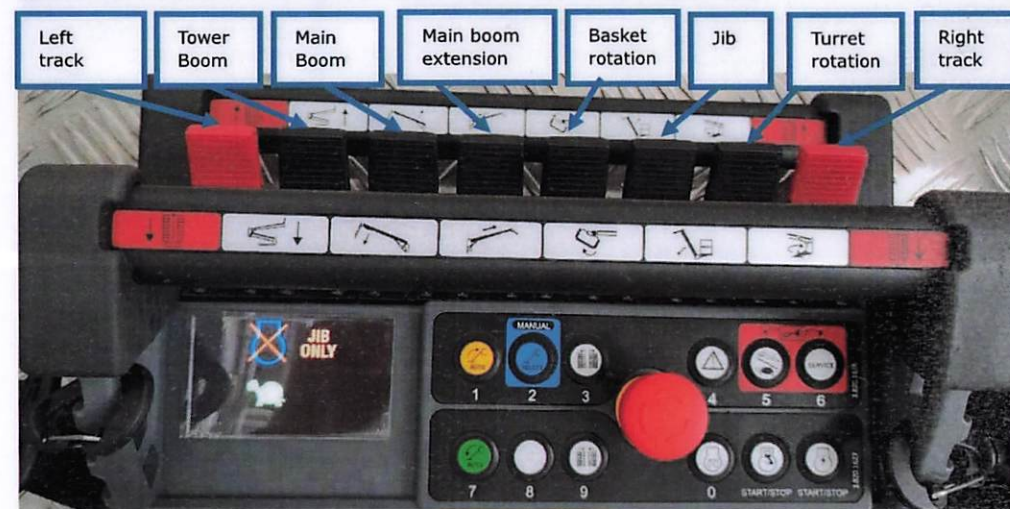


JIB ONLY	ONLY JIB movement available during translation		Press pedal (optional)		Emergency descent engaged		12V battery low voltage
	Place control box in the basket to move the outriggers		Remove weight or control box from basket	FAIL INPUT OUTPUT	Coil or sensor issue. See menu on control box	INCL CAL	Tilt sensor calibration required
SWING CAL	Turret rotation sensor calibration required	LOAD CAL	Load cell sensor calibration required		Safety bypass to activate ground part		Safety bypass to activate aerial part
	Skyguard or Skyline bar is pressed	ROTATE	Rotate turret rightward		Rotate turret leftward		Periodical maintenance service reminder
PUSH..8	Push button 8 for the requested movement		Max tilt angle reached when driving – Push 8 for requested movement		Max tilt angle during manual stabilization	CAN BUS ?	Can Bus Error. Check «Can Timeout» Menu
CARD ?	Board or software incorrectly installed	SWING ?	Turret rotation sensor alarm	HELP ERR	Sensor with double safety lines not congruent	SAFE STATE	Wrong model selected, board out of order
	Weight on platform not detected		Platform overloaded		RC Position is incorrect	SENS CYL?	A cylinder sensor signal is not read
	Extension ropes alarm (check relevant input)		(Lithium) Battery Pack fully charged		(Lithium) Battery Pack charge level		(Lithium) Battery Pack charge level
	(Lithium) Battery Pack charge level		(Lithium) Charge Battery pack		(Lithium) Battery Pack is being charged		(Lithium) Turtle speed for low charged battery pack
	(Lithium) Error. See Error Menu on Control box		(Lithium) Cold weather function active		Open Jib arm		Machine is turning off
RADIO ON	Radio remote control active	RADIO OFF	Radio remote control not active		Down plug remote control selected		Basket plug remote control selected



ATTENTION: THIS BOOKLET DOES NOT SUBSTITUTE THE OPERATION AND MAINTENANCE MANUAL. IT IS NECESSARY TO CAREFULLY READ AND UNDERSTAND THE OPERATION AND MAINTENANCE MANUAL BEFORE CARRYING OUT ANY MANEUVER WITH THE MACHINE.

QUICK INSTRUCTIONS FOR HINOWA LIGHTLIFT 17.75, 18.80 & 20.10 MK3



1	Outriggers automatic retraction	7	Outriggers automatic stabilization
2	Outriggers manual operation	8	Aerial operation permission
3	Tracks widening	9	Tracks closing
4	Emergency descent	0	Engine Preheating
5	Speed selector	Start/Stop	Combustion engine Start-Stop
6	Service menu	Start/Stop	Electric motor Start-Stop

To start the car, the battery cutter must be ON and the main key must be turned to 1. If prompted on the control box display, press and release the emergency STOP button. With the emergency stop buttons released, you can activate the combustion engine or the electric motor by pressing the corresponding buttons on the control box.



BATTERY CUTTER
(i.e. LL18.80)



MAIN KEY



PRESS AND RELEASE
THE EMERGENCY STOP
ON THE CONTROL BOX

TRACKS MOVEMENT

To move the tracks all the outriggers must be lifted from the ground. Tracks can also be moved with open jib arm (last arm, see picture below), but in this case the basket must be empty and therefore the operator must be holding the remote at the ground. With closed jib arm, the tracks can be moved while operating from the basket.



TRANSLATION WITH JIB CLOSED IS POSSIBLE FROM THE GROUND OR FROM THE BASKET.

TRANSLATION WITH JIB OPENED IS POSSIBLE ONLY WITH OPERATOR AT THE GROUND

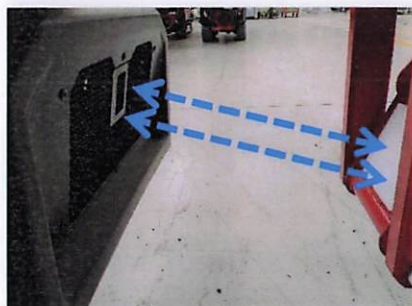
To move the tracks (with all the outriggers lifted from the ground) pull or push the tracks red joystick on the control box. To open the jib arm push the jib movement joystick. Jib should then be closed to allow outriggers movements. Tracks speed may be limited by automatic speed control to prevent unsafe translation conditions.

OUTRIGGERS MOVEMENTS

To move the outriggers the machine must be closed and aligned (all the arms and the jib closed). In this case the display shows the MACHINE CLOSED AND ALIGNED icon (see the picture on the right).



Photocells verify this situation:



Photocell system for machine alignment

AUTOMATIC STABILIZATION:

To stabilize the machine automatically, the machine must be closed and aligned (see icon above). Pressing the green button (number 7) on the control box will start the machine automatic stabilization procedure. The procedure will be completed only when the display will show the MACHINE STABILIZED icon (see icon on the right). Stabilization is the necessary condition to allow aerial part movements.



OUTRIGGERS MANUAL OPERATION:

It is also possible to move the outriggers one by one, by pressing the blue button (number 2) and following the indications given on the display. After that, the final Automatic Stabilization procedure must be carried out.

AUTOMATIC OUTRIGGERS RETRACTION:

To bring the platform back into transportation mode (all the outriggers completely lifted), the aerial part must be closed and aligned. At this point, pressing the yellow button (number 1) on the control box, will lift the outriggers.

AERIAL PART MOVEMENTS

Control box must be positioned in its basket support in order to operate the aerial part. Aerial part movements are only allowed when the machine is stabilized and the MACHINE STABILIZED icon appears.



If one stabilization condition is missing, when a joystick is moved, the display indicates the missing condition with "NO" as follows (see example).

ERROR	BASKET NO
	ST"X" NO
	INCL NO
	LOAD NO
	PEDAL NO
	AUTOST NO
1 PREV	2 NETX
	9 ESC

BASKET NO Control box not properly placed on its basket support.
ST"X" NO Outrigger "X" does not touch the ground.
INCL NO Machine is not levelled within the inclination clearance.
LOAD NO Basket overloaded.
PEDAL (OPTIONAL) NO Pedal option activated and pedal not properly pressed.
AUTOST NO Auto-stabilization did not complete properly.

DISPLAY MAIN ICONS LIST

	Safety state. Press and release RC Stop.		Engine and electric motor off		Electric motor ON		Engine ON
	Turtle speed selected		Normal speed selected		Hare speed selected		Aerial part closed and aligned
	Machine stabilized		Lower outriggers		Rise outriggers		Select outrigger direction
	STOP switch pressed		Low fuel tank level		Engine oil pressure alarm		Engine temperature alarm