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***Instructions and warnings for safe use of the  
platform.***

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***Control and command instrumentation.***

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## Introduction

Most of the accidents linked to use, maintenance and repair of the platforms are due to failure to apply and comply with the elementary safety standards. These accidents can be avoided by identifying the risks to which the user will be exposed and by taking the necessary precautions.

Specifically, the user must strictly follow the indications given below:

Operations or movements not described in this Use and Maintenance Manual must be avoided; the person using methods other than those recommended must first ensure his own safety, the safety of others and correct handling of the equipment;

The Manufacturer has designed this platform and its accessories accurately, with the help of appropriate tools and technologies to ensure its safety; however, it is difficult to assess all the work situations the platform may be subject to in different operating conditions. Consequently, the user is responsible not only for following the indications given in this *Use and Maintenance Manual*, but also for adopting the methods for use that take into account the provisions and legislation on occupational health and safety in force in the country in which the equipment is used, associated with responsible use of the equipment, capable of foreseeing and preventing potential danger situations generated by special logistic, climatic, visibility and health conditions of the user.

**Failure to comply with the safety regulations listed in the Use and Maintenance Manual for the use, maintenance and repair of the platform can result in serious accidents, sometimes even fatal.**

Maintenance or repairs on our platforms must be carried out solely using original components.

If original components are not used, the customer alone will be held responsible for harm to persons and damage to objects caused by potential malfunctioning of the vehicle.

The Manufacturer **shall not accept** any responsibility if the use of components that are not original results in reduction of the reliability of the platform equipment over time.

No request for guarantee can be accepted in the above-listed cases, but assistance can be provided by our network of technical assistance on payment.

Using original components for carrying out maintenance will ensure legal protection since:

- ✓ the Customer who purchases non original components from unauthorized dealers must be aware of the risks this entails.
- ✓ the Customer who modifies or has third parties make modifications to the Magni TH equipment must be aware of the legal responsibilities of such an action and, in case of accident caused by yielding of non original components, cannot avail of any legal cover;
- ✓ the Customer who copies or has copies made of the original component is exposed to legal risks.
- ✓ the Certificate of Conformity of the Magni TH accessory implies responsibility for the Manufacturer only if the maintenance schedules and methods defined in the *Use and Maintenance Manual* are complied with;
- ✓ the Customer who does not comply with the maintenance schedules and frequency established in this *Use and Maintenance Manual* must be aware that the warranty conditions on the vehicle will lapse.


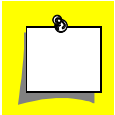
### List of main risks and recommendations regarding the use of the platform

- ✓ **Read the Use and Maintenance Manual carefully;**
- ✓ **Do not use the platform in the vicinity of overhead electricity lines; always keep at a safety distance of at least 5 m, especially where these are powered, or if their state is not known;**
- ✓ **Before use, check that the access door to the platform is closed properly;**
- ✓ **When the operator is standing on the platform at a height, he must use a safety belt and hook it to the eyelet;**
- ✓ **The platform must be lowered to the ground in a hazard-free area devoid of obstacles;**
- ✓ **The operator using the platform must be assisted by a properly trained person on the ground;**
- ✓ **The operator must stop using the platform if visibility and lighting conditions are poor;**
- ✓ **It is forbidden to overload the platform;**
- ✓ **It is forbidden to use the platform in potentially explosive atmospheres or where the use of explosion-proof machines and components is prescribed (for example: refineries, oil pipelines, or in any case with ATEX restrictions);**
- ✓ **Always assess the need to use a fire extinguisher on board based on whether the vehicle is used in areas with a potential fire risk or otherwise bound by laws and regulations in force in the different countries where the platform is used;**
- ✓ **It is forbidden to attach a load to the platform or to the forklift truck boom;**
- ✓ **It is forbidden to move the forklift truck with one or more persons inside the platform;**
- ✓ **It is strictly forbidden to drive the forklift truck with the lifting platform connected at a speed of more than 5 km/h.**
- ✓ **It is strictly forbidden to drive the forklift truck with the lifting platform connected in its extended configuration (when applicable).**
- ✓ **It is forbidden to operate the platform from the cab with one or more persons inside the basket. All platform manoeuvres can only be carried out by an operator, with a radio control, on the platform;**
- ✓ **The platforms comply with standard EN 280:2001; people can only enter and exit the basket when the platform is on the ground;**
- ✓ **when the platform is being used at a height, it must not lean against any other surrounding structure (e.g. roofs, covers, balconies, walls, etc.);**
- ✓ **It is strictly forbidden to tamper with the safety devices provided on the platform;**
- ✓ **The platform cannot be modified with accessories that increase its resistance to wind;**
- ✓ **During the work, constantly check that the wind speed never exceeds 45 km/h. In the event of strong wind, immediately take the basket back down to the ground as the machine structure would be overloaded;**
- ✓ **Do not use the platform in particularly adverse weather conditions (storms with lightning);**
- ✓ **Carry out the maintenance work specified in this manual;**
- ✓ **The forklift truck, equipped with platform, must be inspected periodically in compliance with the legislation, provisions and regulations applicable in the country of use. The user alone is responsible for ensuring compliance with the legislation in force.**



### Instructions for use of the extendable rotating platform

Instructions plate	
<ul style="list-style-type: none"> <li>✓ there is a plate on the platform that summarises the main instructions for use;</li> <li>✓ the user must keep the plate clean and legible so that it can be read when necessary;</li> </ul>	





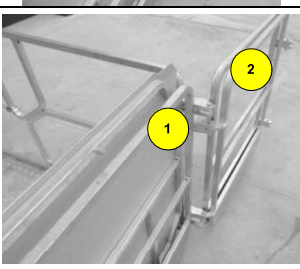
<b>Labels with symbols relating to risks and dangers on board and during use</b>	 
<ul style="list-style-type: none"><li>✓ the labels on the platform identify the main risks associated with use;</li><li>✓ the user must always keep the labels clean and legible;</li></ul>	
<b>Potential risks associated with use of the platform:</b> <ul style="list-style-type: none"><li>✓ <b>crushing of upper and lower limbs;</b></li><li>✓ <b>shearing of upper and lower limbs;</b></li><li>✓ <b>danger of falling;</b></li><li>✓ <b>danger of loss of balance.</b></li></ul>	

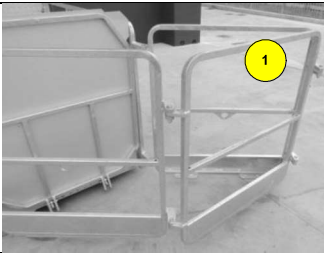



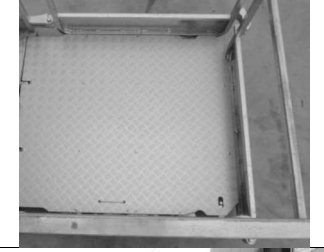

**- ATTENTION -**

**The operators on the platform must be extremely careful when it moves: to avoid crushing the upper limbs, they must not stick their hands or arms out of the platform's profile.  
Keep hands on the rail opposite the platform's sense of direction during its movement.**

**Procedure for opening the “2-4,7” extendable platform**

- ✓ **The platform must be opened only after disconnecting it from the extendable boom of the vehicle and placing it on a stable level surface on the ground;**
- ✓ **The platform opening operations must be performed by an operator provided with appropriate personal protective equipment;**

<ul style="list-style-type: none"> <li>✓ position the platform on a stable level surface;</li> </ul>	
<p><b>Potential risks present in the operation:</b></p> <ul style="list-style-type: none"> <li>✓ <b>Attention! crushing of the lower and upper limbs.</b></li> </ul>	
<ul style="list-style-type: none"> <li>✓ remove the lock pin of the extendable surfaces on the side wall of the platform;</li> </ul>	
<ul style="list-style-type: none"> <li>✓ open the wall turning it 180°;</li> </ul>	
<p><b>Potential risks present in the operation:</b></p> <ul style="list-style-type: none"> <li>✓ <b>Attention! the metal structure has sharp corners;</b></li> <li>✓ <b>danger of crushing of upper limbs;</b></li> </ul>	
<ul style="list-style-type: none"> <li>✓ keep the side wall open at 180° in relation to the original position;</li> </ul>	
<ul style="list-style-type: none"> <li>✓ pull point 1 (shown in the photograph) with your left hand while keeping the wall open at point 2 with your right hand;</li> </ul>	
<p><b>Potential risks present in the operation:</b></p> <ul style="list-style-type: none"> <li>✓ <b>danger of crushing of upper limbs;</b></li> </ul>	

<ul style="list-style-type: none"> <li>✓ open the mobile wall by pulling the structure at point 1;</li> </ul>			
<ul style="list-style-type: none"> <li>✓ fully open the mobile wall forming a quadrilateral shape with the corners at 90°;</li> </ul>			
<p><b>Potential risks present in the operation:</b></p> <ul style="list-style-type: none"> <li>✓ <b>danger of crushing of upper limbs;</b></li> </ul>			
<ul style="list-style-type: none"> <li>✓ release the floor retainer bolt, making sure to keep the floor in its vertical position;</li> </ul>			
<ul style="list-style-type: none"> <li>✓ with your left hand, hold the fold-away handle on the embossed aluminium floor, while keeping the floor in its vertical position;</li> </ul>			
<ul style="list-style-type: none"> <li>✓ turn the embossed aluminium floor 90° to make it completely flush with the metal structure;</li> </ul>			
<ul style="list-style-type: none"> <li>✓ opening the right side of the platform: completed;</li> </ul>			
<p><b>Potential risks present in the operation:</b></p> <ul style="list-style-type: none"> <li>✓ <b>danger of crushing of upper limbs;</b></li> <li>✓ <b>danger of rushing lower limbs;</b></li> </ul>			
<ul style="list-style-type: none"> <li>✓ <b>Follow the same procedure for the opposite wall of the platform.</b></li> </ul>			

**Procedure for opening the “2-6,5” extendable platform**

- ✓ **The platform must be opened only after disconnecting it from the extendable boom of the vehicle and placing it on a stable level surface on the ground;**
- ✓ **The platform opening operations must be performed by an operator provided with appropriate personal protective equipment;**



<ul style="list-style-type: none"> <li>✓ position the platform on a stable level surface;</li> </ul>	
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**Potential risks present in the operation:**

- ✓ **Attention! crushing of the lower and upper limbs.**

<ul style="list-style-type: none"> <li>✓ remove the lock pins of the extendable surfaces on the side and front walls of the platform;</li> </ul>	
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<ul style="list-style-type: none"> <li>✓ open the side wall turning it 90°;</li> </ul>	
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**Potential risks during the operation:**

- ✓ **Attention! the metal structure has sharp corners and protruding parts;**
- ✓ **danger of crushing of upper limbs;**

<ul style="list-style-type: none"> <li>✓ hold the bulkhead at the front of the structure and pull it outwards;</li> </ul>	
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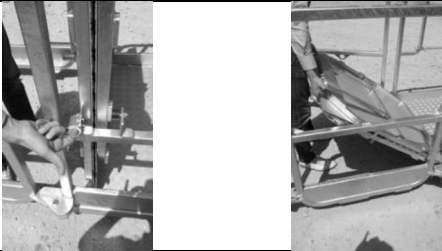


**Potential risks present in the operation:**

- ✓ **danger of crushing of upper and lower limbs;**

<ul style="list-style-type: none"> <li>✓ extend the entire vertical structure to align it with the base structure;</li> </ul>	
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**Potential risks present in the operation:**

- ✓ **danger of crushing of upper and lower limbs;**


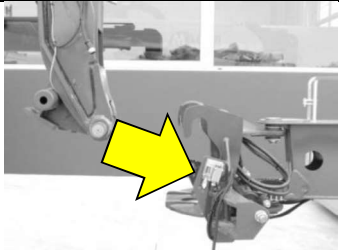
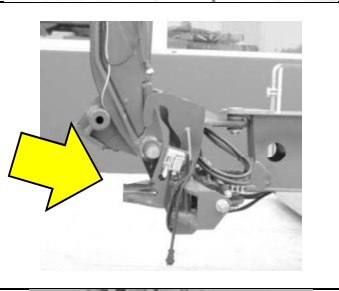
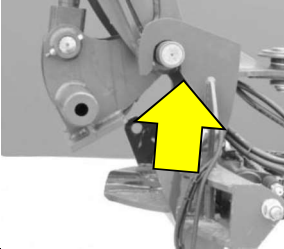
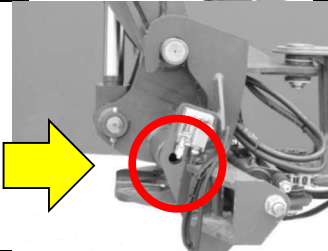
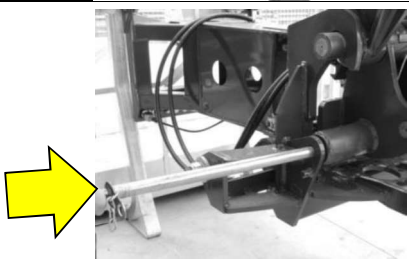
<ul style="list-style-type: none"> <li>✓ release the floor retainer bolt, making sure to keep the floor in its vertical position;</li> <li>✓ lay down the released floor;</li> </ul>	
<p><b>Potential risks present in the operation:</b></p> <ul style="list-style-type: none"> <li>✓ <b>danger of crushing of upper and lower limbs;</b></li> </ul>	
<ul style="list-style-type: none"> <li>✓ lift the last part of the platform vertically, hold it by its handle and put it down horizontally in its fully extended position;</li> </ul>	
<p><b>Potential risks present in the operation:</b></p> <ul style="list-style-type: none"> <li>✓ <b>danger of crushing of upper and lower limbs;</b></li> </ul>	
<ul style="list-style-type: none"> <li>✓ lifting of the left side is now completed.</li> </ul>	
<ul style="list-style-type: none"> <li>✓ <b>Follow the same procedure for the opposite wall of the platform.</b></li> </ul>	

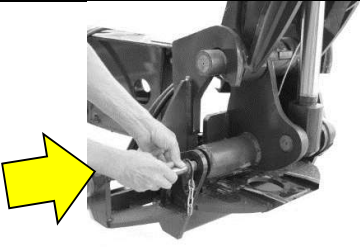
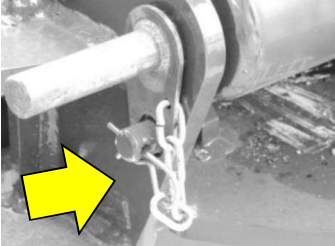
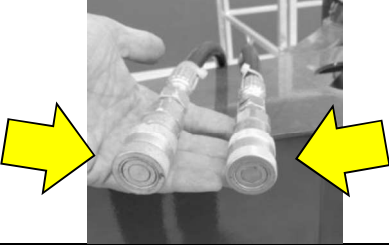
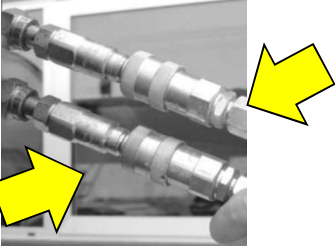
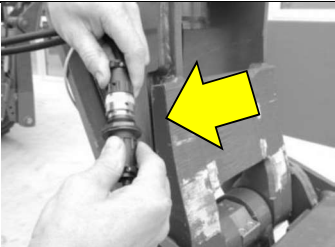



### How to position and connect the platform to the boom

- ✓ Only personnel qualified and trained for driving the forklift truck and using the various accessories provided on it must be allowed to connect the platform;
- ✓ The platform connecting operations must be performed by an operator provided with appropriate personal protective equipment;



<ul style="list-style-type: none"> <li>✓ position the platform on a stable level surface;</li> </ul>	
<p><b>Potential risks present in the operation:</b></p> <ul style="list-style-type: none"> <li>✓ make sure no one is present in the areas near the vehicle and the platform who could pose potential danger.</li> </ul>	
<ul style="list-style-type: none"> <li>✓ bring the forklift truck near the platform, positioning the end part of the boom suitably to fit it in the hooking seat of the platform;</li> </ul>	
<ul style="list-style-type: none"> <li>✓ complete insertion of the terminal part of the boom into the seat for connection of the platform;</li> </ul>	
<ul style="list-style-type: none"> <li>✓ position the shaft for connecting the boom inside the seat provided in the hooking structure of the platform.</li> </ul>	
<ul style="list-style-type: none"> <li>✓ align the hole present on the connecting flange of the boom with that present on the platform hooking structure;</li> </ul>	
<ul style="list-style-type: none"> <li>✓ insert the platform retainer pin into the hole present on the connecting flange of the boom aligned with the hole present on the platform hooking structure;</li> </ul>	

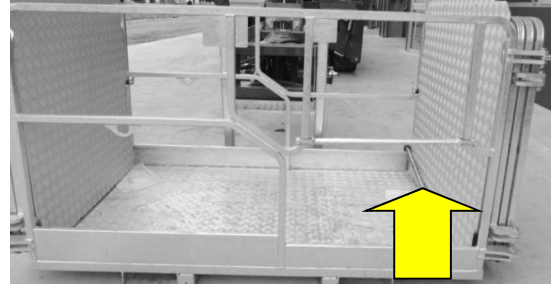
<ul style="list-style-type: none"> <li>✓ push the platform retainer pin carefully, all the way into the hole;</li> </ul>	
<ul style="list-style-type: none"> <li>✓ insert the split shear pin in the hole present on the shaft which is integral with the structure of the platform in such a manner as to prevent it from coming loose;</li> </ul>	
<ul style="list-style-type: none"> <li>✓ take the two quick-release female couplings of the platform's hydraulic system;</li> </ul>	
<ul style="list-style-type: none"> <li>✓ insert the two quick-release female couplings of the hydraulic system of the platform into the male connectors present on the boom;</li> </ul>	
<ul style="list-style-type: none"> <li>✓ connect the male and female electrical connectors on the boom and platform;</li> </ul>	
<ul style="list-style-type: none"> <li>✓ When the forklift truck starts up, the display shows the information regarding the accessory detected, with the descriptive text and photo. If it is correct, the operator must validate it by pressing the green button.</li> <li>✓ Once the accessory is recognised, the software program for checking the safety parameters of the forklift truck is activated automatically.</li> </ul>	

**If the accessory is not recognised, check the state of preservation of the signal transmitter present on the accessory and of the signal receiver present at the head of the boom. If there is no damage, contact the Magni Telescopic Handlers Assistance Service.**

### Entry and exit of people from the platform

People who must work on board the platform must enter through the safety gate.

- ✓ lift the fall arrest barrier on the opposite side of the platform from the forklift truck to allow the operators to enter;
- ✓ release the bar so that it returns to its original position;



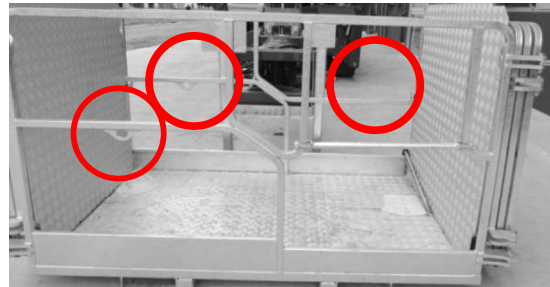
**Potential risks during the operation and checks to be carried out:**

- ✓ **always check the correct position of the fall arrest barrier after the operators have climbed onto the platform.**

### Safety of the people working at a height on the platform

**It is mandatory for people working at a height inside the basket to use fall arrest systems attached to the platform structure.**

**Operators must attach the ends of the fall arrest system used to the different attachment points on the platform structure.**



**Potential risks present in the operation:**

- ✓ **check correct hooking of the fall arrest systems to the designated fastening points.**

### Use of the hook

The platform has a winch for lifting equipment; when this is not in use, secure the hook on the designated bracket, which is in a horizontal position on the boom, to avoid dangerous oscillations.



**The boom with winch must be moved only when there is no load hung on the structure, in order to avoid unexpected imbalance of the platform at a height that could have repercussions on the stability of the structure and on the operators themselves.**

### Environmental conditions of use

The platform can be used in the following environmental conditions:

- ✓ **It is forbidden to use the platform in potentially explosive atmospheres or where the use of explosion-proof machines and components is prescribed (for example: refineries, oil pipelines, or in any case with ATEX restrictions);**
- ✓ **Always assess the need to use a fire extinguisher on board based on whether the platform is used in areas with a potential fire risk or otherwise bound by laws and regulations in force in the different countries where the vehicle is used;**
- ✓ In case of use of the platform under thermal or climatic conditions different from those specified above, the Customer must contact our *Technical Assistance Service* to request information or advice on all the types of lubricants recommended for the different types of use.
- ✓ When lifting the platform, always check that the environment is properly lit;
- ✓ **Level the forklift truck, the tilt of which must be within a maximum error of less than  $\pm 1^\circ$  from the horizontal line on the four fronts;**
- ✓ Make sure that there are no people near the machine or within the operating radius of the vehicle;
- ✓ Make sure that there are no obstacles than can interfere with the platform;
- ✓ **Make sure that there are no overhead electricity lines in the work area and working volume of the platform;**
- ✓ **Make sure that there are no electrical cables lying on the platform;**
- ✓ **Prevent the possibility of outsiders moving around in the work areas by means of warning signs and barriers in compliance with the regulations, provisions and laws on safety at work established in the different countries in which the platform is used;**
- ✓ Take measures to prevent people from passing under the hanging loads;
- ✓ On sloping ground compensate for the inclination of the work ground using the stabilisers that have a level corrector specifically fitted to ensure the platform stays in the horizontal position.



### Instructions for maintenance of the platform

- ✓ Carefully read and understand all the Sections of this *Use and Maintenance Manual*;
- ✓ Place the platform on the ground and disconnect it from the forklift truck to carry out all maintenance operations on it;
- ✓ Use personal protective clothing and equipment for carrying out maintenance operations on the platform in accordance with the workplace safety laws in force in each country;
- ✓ Maintenance and conformity of the platforms are essential to ensure their safety during circulation and work; the Manufacturer shall not accept liability for harm to persons or damage to property due to incorrect maintenance of the parts and equipment comprising the platform;
- ✓ Clean the platform and the parts concerned taking all necessary precautions to prevent liquids from entering the electrical and hydraulic connectors.
- ✓ Clean the platform to remove all traces of fuel, oil and grease.
- ✓ For all interventions that does not fall within routine maintenance, it is advisable to contact your agent or dealer.
- ✓ Take special care during disposal of consumable materials and worn parts, checking to ensure it is done ecologically, with utmost safety.

**Conditions for using the platform in case of wind**

- ✓ **The platform can be used as a mobile bridge even if wind is present, provided it does not exceed Grade 6 of the Beaufort Scale (speed 39 km/h; 22 nodes; 10.8 m/s);**
- ✓ **For visual identification of this speed, refer to the Beaufort Scale below for empiric evaluation of the wind speed.**



<b>BEAUFORT WIND SCALE</b>					
<b>force</b>	<b>speed (km/h)</b>	<b>wind type</b>	<b>speed (nodes)</b>	<b>speed (m/s)</b>	<b>wind effects</b>
<b>0</b>	0-1	calm	0 < 1	> 0.3	smoke rises vertically; sea surface mirror-like.
<b>1</b>	1-5	light air	1 – 3	0.3 – 1.5	wind causes smoke to drift; ripples on water.
<b>2</b>	6-11	light breeze	4 – 6	1.6 – 3.3	leaves rustle; small wavelets.
<b>3</b>	12-19	gentle breeze	7 – 10	3.4 – 5.4	leaves and twigs constantly moving; large wavelets, crests begin to break.
<b>4</b>	20-28	moderate breeze	11 – 16	5.5 – 7.9	the wind raises dust, dry leaves, small tree branches constantly moving; small waves becoming longer.
<b>5</b>	29-38	fresh breeze	17 – 21	8 – 10.7	small trees in leaf begin to sway; small waves form in internal waters; waves become moderately longer.
<b>6</b>	39-49	strong breeze	22 – 27	10.8 – 13.8	larger tree branches moving, whistling in telegraph wires; whitecaps on the sea surface and spray.
<b>7</b>	50-61	near gale	28 – 33	13.9 – 17.1	whole trees moving, resistance when walking against wind; sea heaps up, white foam streaks of breakers.
<b>8</b>	62-74	gale	34 – 40	17.2 – 20.7	twigs breaking off trees, walking against wind becomes impossible, moderately high waves of greater length, edges of crests begin to break into spindrift.
<b>9</b>	75-88	strong gale	41 – 47	20.8 – 24.4	shingles and tiles blown away; high waves, dense streaks of foam and spray, raised by wind reduce the visibility.
<b>10</b>	89-102	storm	48 – 55	24.5 – 28.4	seldom experienced on land, trees uprooted, considerable damage to dwellings; very high waves with long overhanging crests.
<b>11</b>	103-117	violent storm	56 – 63	28.5 – 32.6	rare, severe devastation; enormous high waves, which can conceal medium sized ships; poor visibility.
<b>12</b>	beyond 118	hurricane	68 +	32.7 +	destruction of buildings, constructions etc.; foam and sprays in the seas reduce visibility to a very great extent.

**Management of the platform controls**

The extendable platform can be used after it has been correctly mechanically connected to the machine boom and electrically and hydraulically connected to the special connectors on the boom and on the platform.

The platform, with people on board, can only be used with the radio control correctly cabled and in its seat on the platform itself; all movements carried out by the forklift truck operator from the driver's cab are limited in height travel and boom extension to enable movements that allow the equipment to be attached to and detached from the forklift truck's boom when it is on shelving racks or transport vehicles' loading beds.

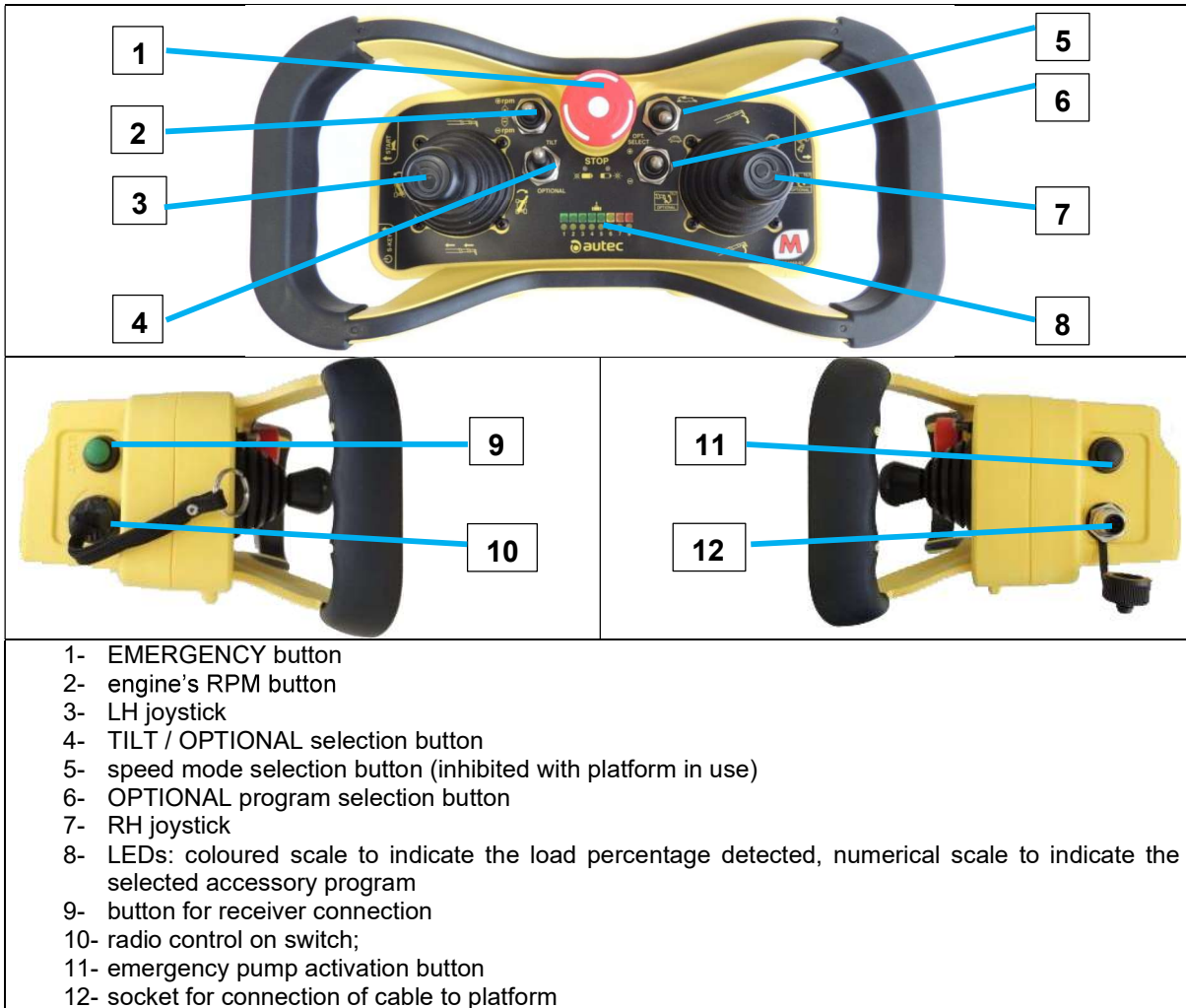


**Enabling the platform controls**


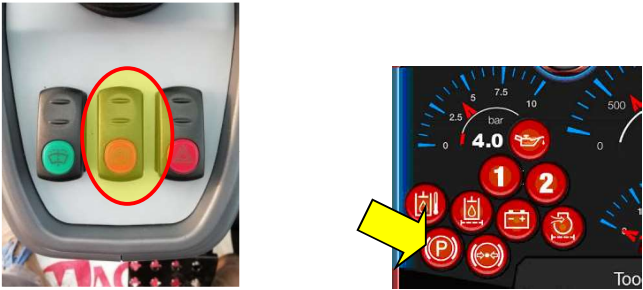



The platform's control panel is enabled after automatic recognition by the forklift truck's control and command system, shown on the control and command display in the cab.

***If the platform's locking pin is not inserted into the telescopic boom's connector, the platform controls are inhibited until this fault is cleared.***

**Description of the FLS series control panel**


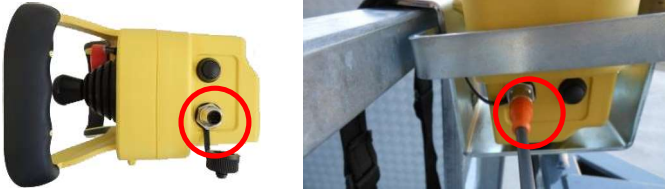




### Activation procedure for using the radio control panel

<ul style="list-style-type: none"> <li>✓ <u>position the machine on stabilisers:</u></li> <li>✓ <u>level the forklift truck with a maximum deviation of <math>\pm 1^\circ</math> from the horizontal line on the four sides:</u></li> </ul>	
<ul style="list-style-type: none"> <li>✓ <u>engage the machine's parking brake:</u></li> </ul>	
<ul style="list-style-type: none"> <li>✓ start up the forklift truck and proceed with identification of the accessory;</li> <li>✓ accessory selection buttons:</li> </ul> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;">   </div>	

Every time the forklift truck is switched on, to be able to proceed with the next screen pages, the operator must always confirm the accessory mounted on the boom head: confirm the accessory using the **GREEN "✓"** button in order to synchronise the forklift truck parameters and movements with the accessory mounted. The same procedure is used to confirm absence of accessory.

If no accessory is fitted on the telescopic boom or if the accessory is identified incorrectly, the operator must select the **RED "X"** button on the display. In this condition the forklift truck operates in "transport" mode with limitations on boom and turret movements, until a solution is found for the problem.

<p>✓ put the pushbutton panel on its mount on the platform;</p>	
<p>✓ push the cable connector on the platform into the socket on the right side of the pushbutton panel;</p>	
<p>✓ turn the radio control on by turning the black switch on the left side;</p>	
<p>✓ connect the radio control to the receiver on the forklift truck  a- press the green button (once) for recognition of the radio control by the system, which is indicated by the vehicle's horn sounding;  b- press the green start button again to start the forklift truck's I.C. engine;</p>	

**After the sequences shown have been carried out correctly, the platform can operate with personnel on board.**

**Aspects on safe use of the platform:**

- ✓ **All platform controls can only be activated from the basket (for the version without the driving kit) with the machine on stabilisers;**
- ✓ **All of the controls that can be operated from the cab can only be used to attach and detach the platform and in an emergency to recover it;**
- ✓ **The platform cannot be used with operators on board if the forklift truck is not on its stabilisers (for the version without driving kit).**
- ✓ **It is strictly forbidden to drive the forklift truck with the lifting platform connected at a speed of more than 5 km/h.**
- ✓ **The platform cannot be used with operators on board if the forklift truck is not on its stabilisers (for the version without driving kit).**



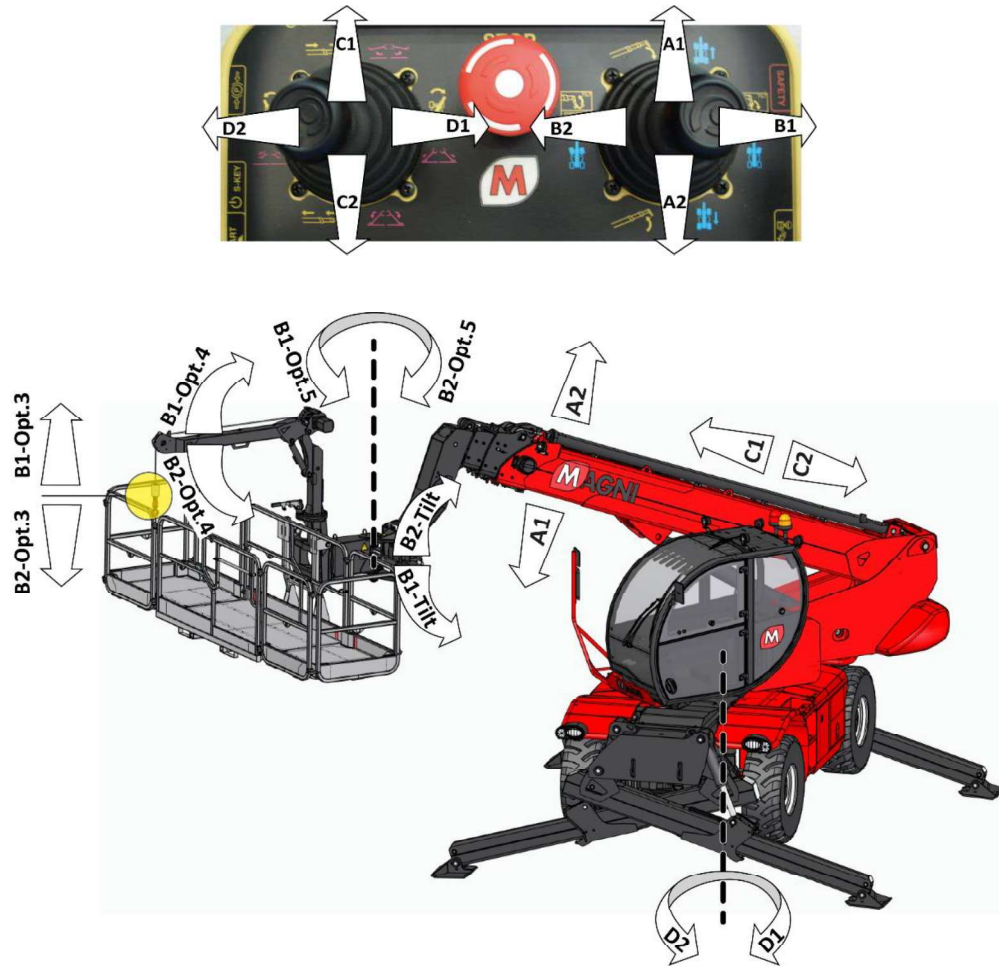
**Limitations of platform controls from the forklift truck cab**

With the platform connected to the forklift truck, the following cab limitations are automatically activated:

- ✓ maximum height of the basket from the ground (3.00 m);
- ✓ maximum extension of the boom (2.00 m);
- ✓ rotation angle of the turret ( $\pm 5^\circ$ );
- ✓ speed of the movements given to the boom and to rotation of the turret.



## Remote controlled use of the platform with rigid winch boom



**A1:** move the right joystick forwards to lower the telescopic boom;

**A2:** move the RH joystick backwards to raise the telescopic boom;

**B1 with TILT function:** move the RH joystick to the right to rotate the accessory downwards;

**B2 with TILT function:** move the RH joystick to the left to rotate the accessory upwards.

**B1 with Optional 3 function:** move the RH joystick to the right to lift the hook;

**B2 with Optional 3 function:** move the RH joystick to the left to lower the hook;

**B1 with Optional 4 function:** move the RH joystick to the right to lift the boom of the winch;

**B2 with Optional 4 function:** move the RH joystick to the left to lower the boom of the winch;

**B1 with Optional 5 function:** move the RH joystick to the right to rotate the platform clockwise;

**B2 with Optional 5 function:** move the RH joystick to the left to rotate the platform anticlockwise;

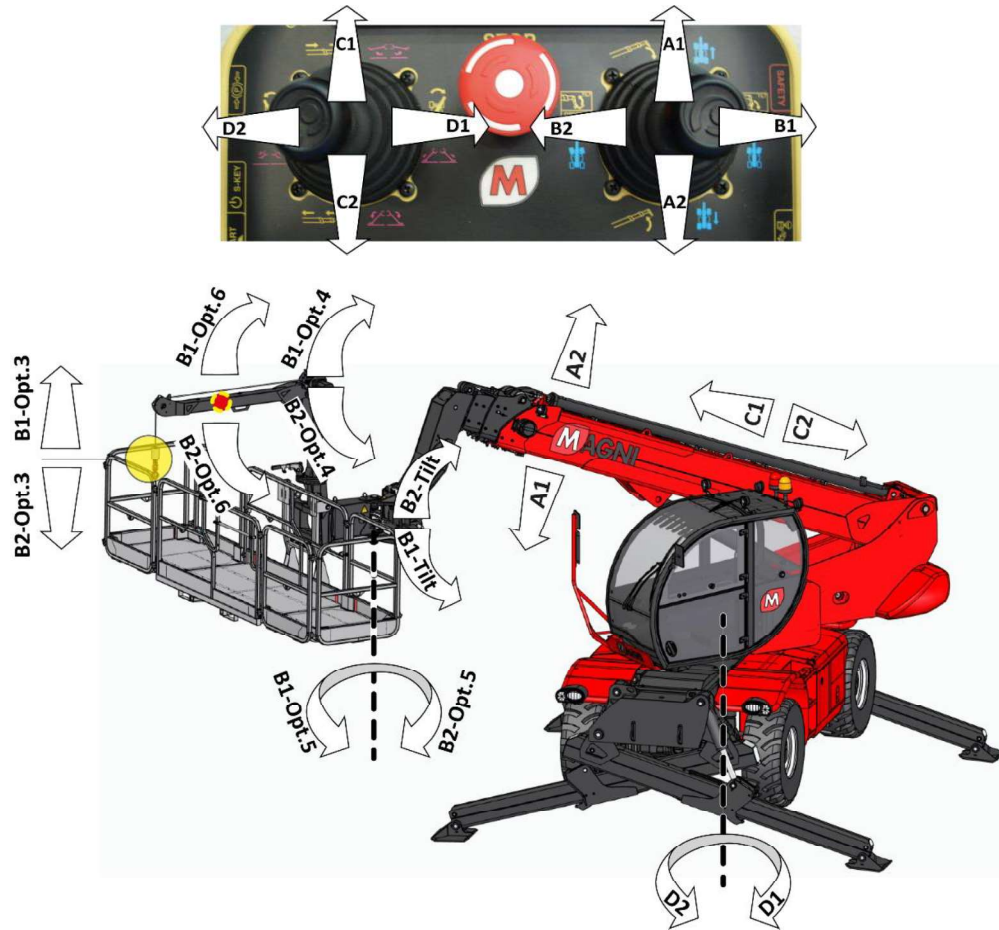
**C1:** move the LH joystick forwards to extend the telescopic boom;

**C2:** move the LH joystick backwards to retract the telescopic boom;

**D1:** move the LH joystick to the right to rotate the turret of the vehicle clockwise;

**D2:** move the LH joystick to the left to rotate the turret of the vehicle anticlockwise;

## Remote controlled use of the platform with articulated winch boom



**A1:** move the right joystick forwards to lower the telescopic boom;

**A2:** move the RH joystick backwards to raise the telescopic boom;

**B1 with TILT function:** move the RH joystick to the right to rotate the accessory downwards;

**B2 with TILT function:** move the RH joystick to the left to rotate the accessory upwards.

**B1 with Optional 3 function:** move the RH joystick to the right to lift the hook;

**B2 with Optional 3 function:** move the RH joystick to the left to lower the hook;

**B1 with Optional 4 function:** move the RH joystick to the right to lift the primary boom of the winch;

**B2 with Optional 4 function:** move the RH joystick to the left to lower the primary boom of the winch;

**B1 with Optional 5 function:** move the RH joystick to the right to rotate the platform clockwise;

**B2 with Optional 5 function:** move the RH joystick to the left to rotate the platform anticlockwise;

**B1 with Optional 6 function:** move the RH joystick to the right to lift the secondary boom of the winch;

**B2 with Optional 6 function:** move the RH joystick to the left to lower the secondary boom of the winch;

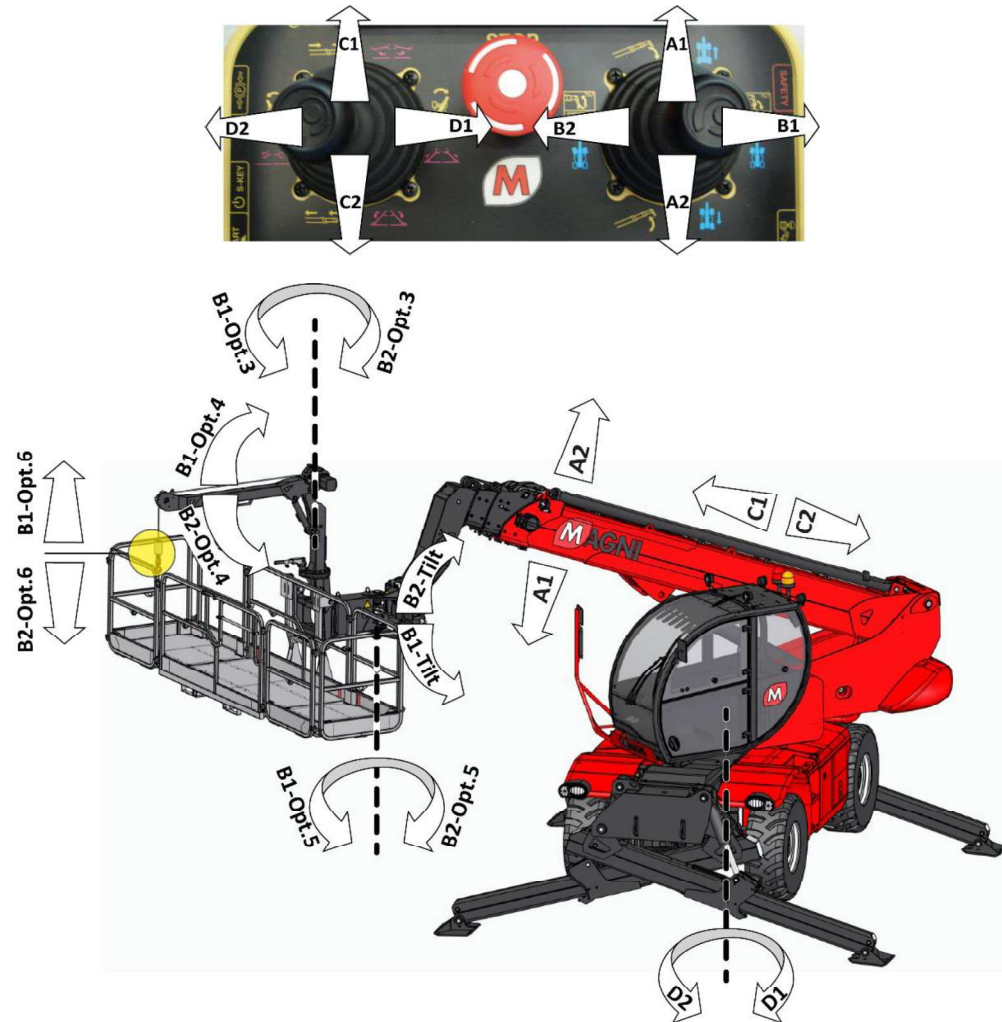
**C1:** move the LH joystick forwards to extend the telescopic boom;

**C2:** move the LH joystick backwards to retract the telescopic boom;

**D1:** move the LH joystick to the right to rotate the turret of the vehicle clockwise;

**D2:** move the LH joystick to the left to rotate the turret of the vehicle anticlockwise;

## Remote controlled use of the platform with rigid winch boom with hydraulic rotation



**A1:** move the joystick forwards to lower the telescopic boom;

**A2:** move the joystick backwards to raise the telescopic boom;

**B1 with TILT function:** move the joystick to the right to rotate the accessory downwards;

**B2 with TILT function:** move the joystick to the left to rotate the accessory upwards.

**B1 with Optional 3 function:** move the joystick to the right to rotate the boom of the winch anticlockwise;

**B2 with Optional 3 function:** move the joystick to the left to rotate the boom of the winch clockwise;

**B1 with Optional 4 function:** move the joystick to the right to lift the boom of the winch;

**B2 with Optional 4 function:** move the joystick to the left to lower the boom of the winch;

**B1 with Optional 5 function:** move the joystick to the right to rotate the platform anticlockwise;

**B2 with Optional 5 function:** move the joystick to the left to rotate the platform clockwise;

**B1 with Optional 6 function:** move the joystick to the right to lift the hook;

**B2 with Optional 6 function:** move the joystick to the left to lower the hook;

**C1:** move the joystick forwards to extend the telescopic boom;

**C2:** move the joystick backwards to retract the telescopic boom;

**D1:** move the joystick to the right to rotate the turret of the vehicle clockwise;

**D2:** move the joystick to the left to rotate the turret of the vehicle anticlockwise;

**Manual rotation of the boom with winch**

The boom with winch on the lifting platform can be oriented, from a neutral position in axis with the telescopic boom of the forklift truck, both to the left and to the right, at an angle of 90° divided into 6 blocks at intervals of 15° for both directions.



**The boom with winch must be moved only when there is no load hung on the structure, in order to avoid unexpected imbalance of the platform at a height that could have repercussions on the stability of the structure and on the operators themselves.**

✓ Move the boom with winch by holding the grip of the bayonet lever and lowering it to release rotation.



✓ Once in horizontal position, use the release lever to move the boom with winch in the required direction and let go of the lever at the point closest to the one required.



**Attention! crushing of the hands and collision of the head with the boom with winch above during its rotation.**

**Emergency button**

**in any emergency situation, the operators on board the platform can push the red emergency button to stop all the functions of the platform, terminating all commands for movements;**

✓ press the emergency button;



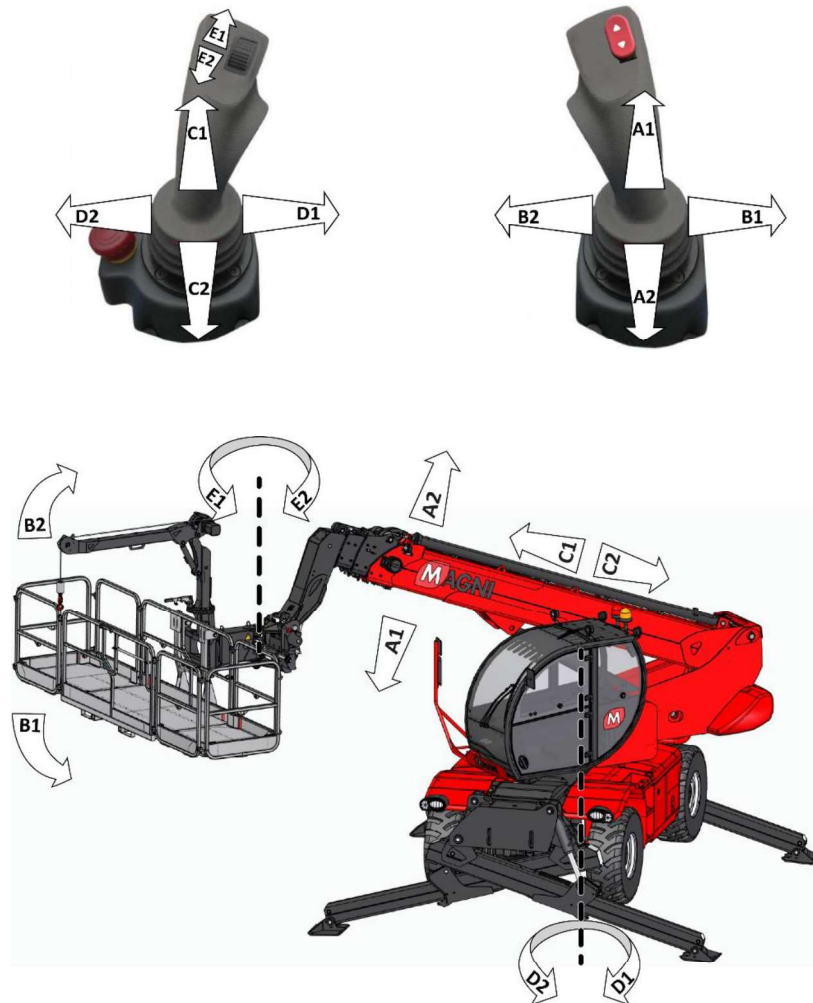
**to make the emergency button operative, it must be reset;**

✓ turn the button clockwise to reset it and make it operative again after use;



## Moving from the cab of the vehicle

**Do not forget that the commands from the vehicle are limited only to moving in the work area of the accessory and not for operational uses;**



- A1:** move the right joystick forwards to lower the telescopic boom;
- A2:** move the RH joystick backwards to raise the telescopic boom;
- B1:** move the RH joystick to the right to rotate the accessory downwards;
- B2:** move the RH joystick to the left to rotate the accessory upwards.
- C1:** move the LH joystick forwards to extend the telescopic boom;
- C2:** move the LH joystick backwards to retract the telescopic boom;
- D1:** move the LH joystick to the right to rotate the turret of the vehicle clockwise;
- D2:** move the LH joystick to the left to rotate the turret of the vehicle anticlockwise;
- E1:** move the roller forwards to rotate the platform anticlockwise;
- E2:** move the roller backwards to rotate the platform clockwise;



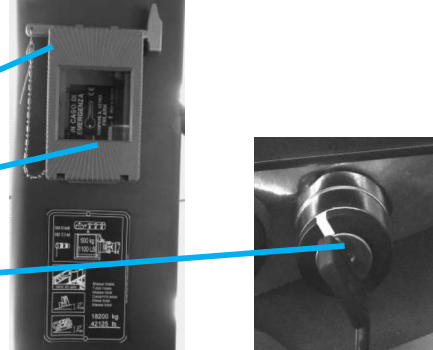
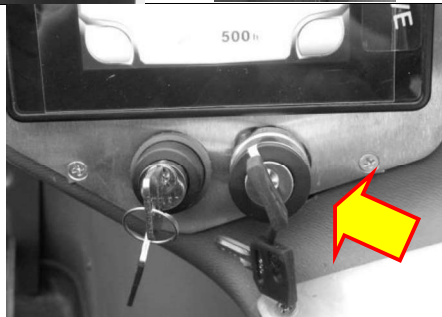

**The movements described above apply also to operating procedures to recover the platform at a height with operators on board under conditions of danger and/or emergency after implementing the following procedures.**

## Procedure for bypassing the platform commands

During normal use, the platform, apart from during the stages of movement in the work area, is controlled solely by the operator on the platform itself using the remote control.

The operator who uses the remote control can activate the emergency button (red button) on the remote control, disabling all movement of the boom of the forklift truck; in this case it may be necessary to bypass the blocking action carried out by the operator with the remote control, by following the procedure below.

**Naturally this procedure can be activated in an extreme emergency where an operator on the vehicle deems it necessary to bring the platform down even though the operator on it has pushed the emergency button.**

<b>red emergency key box on the LH jamb of the cab</b>	
<ul style="list-style-type: none"> <li>✓ get the hammer from on top of the red emergency key box on the right upright of the cab;</li> <li>✓ break the glass on the front of it;</li> <li>✓ get the key with the black plastic outline;</li> </ul>	
<b>key selector</b>	
<ul style="list-style-type: none"> <li>✓ insert the key in the seat as shown in the photo;</li> <li>✓ turn the key clockwise and hold it in position;</li> </ul>	
<b>key selector + red emergency button</b>	
<ul style="list-style-type: none"> <li>✓ keep the key in position (turned clockwise) and push the red emergency button with the same hand as shown in the picture;</li> </ul>	
<ul style="list-style-type: none"> <li>✓ In this mode, the lock-out command activated by the operator on the platform is bypassed and another operator in the cab can bring the platform back down to the ground by moving the joysticks described above.</li> <li>✓ Once the emergency procedure has been completed, the operator must put the key back inside the safety box and restore the protective glass.</li> </ul>	