2.2 Dimensions

2.2.1 Overall dimensions

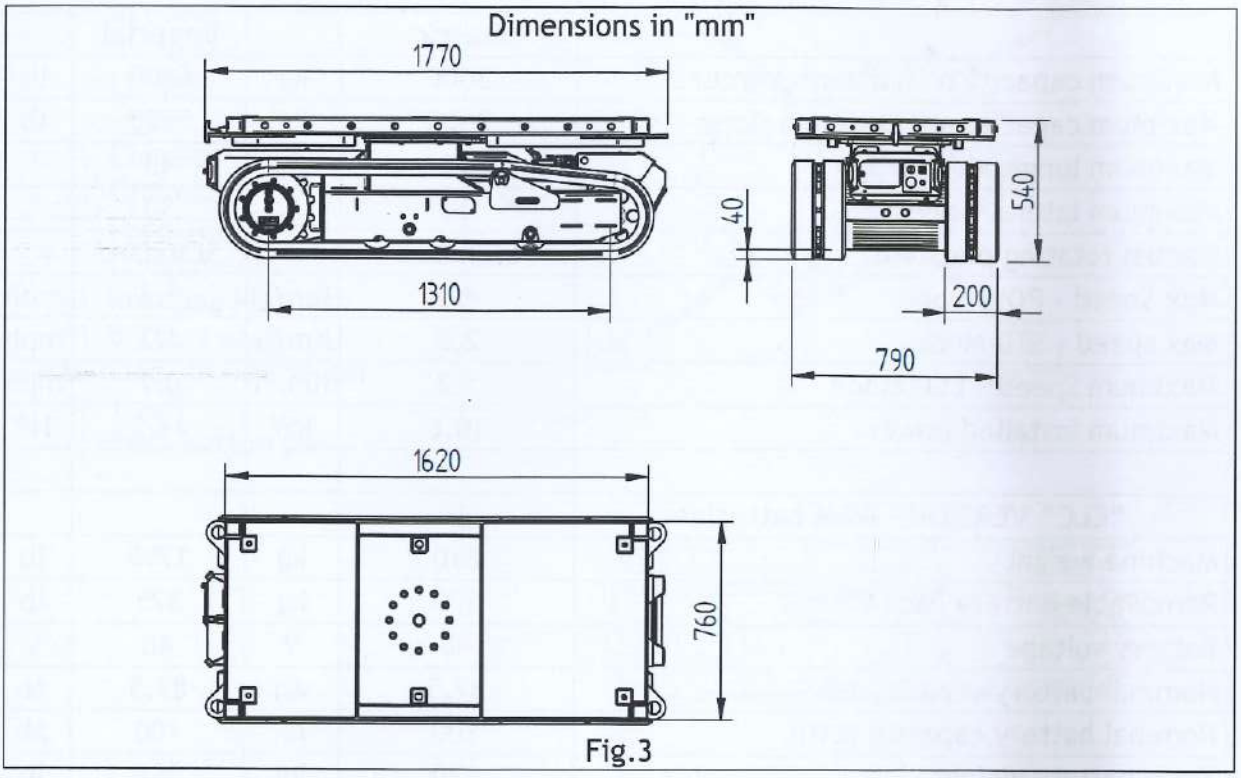

Fig.3

2.2.2 Rotating platform and telescopic extensions of the loading platform

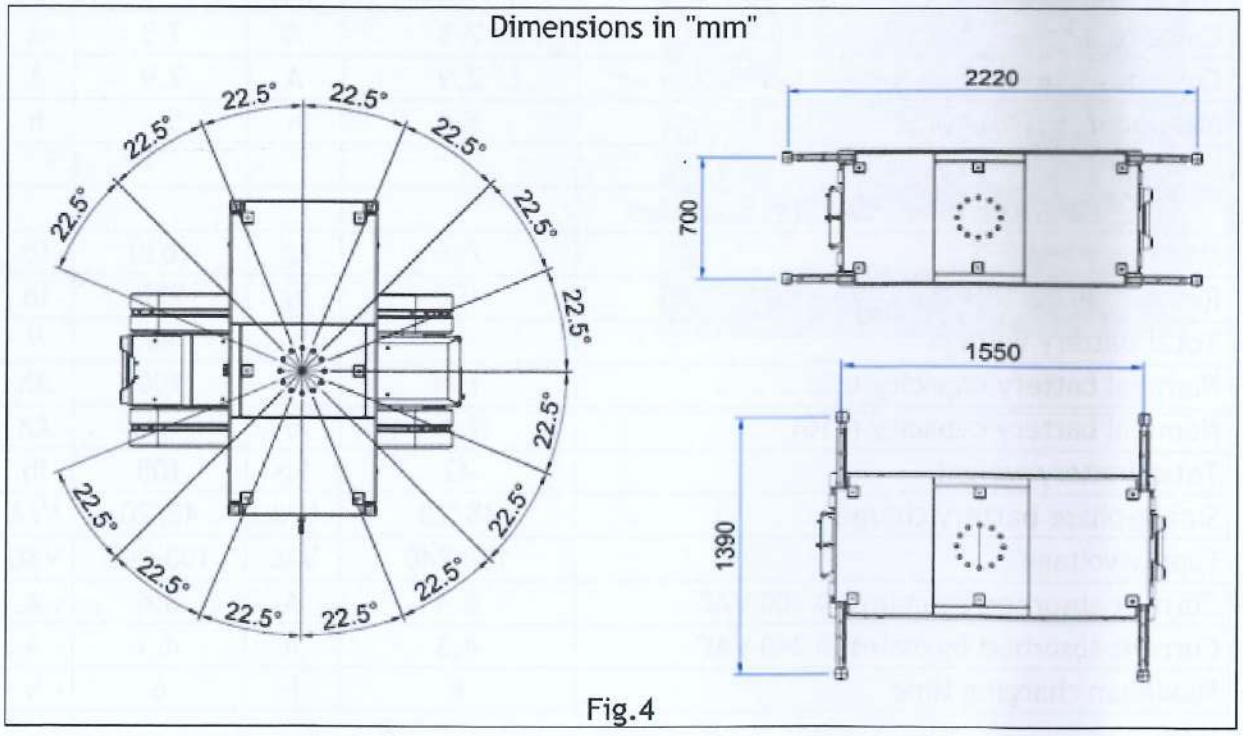

Fig.4

3.1.4 Wind action on the load

Wind is one of the possible causes of overturning if the material being transported is large.
The risk assessment in case of use on windy days is the responsibility of the user.

3.1.5 Suitability of the soil

3.1.5.1 Ground capacity

It is forbidden to use the machine on loose, slippery or non-compacted ground. The following table provides a general indication of the various pressures that can support the different soils.
Assessment of the risk deriving from use on the different types of land is the responsibility of the user.

TYPES OF SOIL	CAPACITY VALUE	
	Kg/cm²	lb/in²
Non-compact excavated soil	0 - 1	0 - 14
Mud, peat, etc.	0	0
Sand	1.5	21
Gravel	2	28
Crumbly earth	0	0
Soft earth	0.4	6
Rigid earth	1	14
Semi-solid earth	2	28
Solid earth	4	56
Rock	15 - 30	210 - 425

3.1.5.2 Ground inclination

Before using the machine, the operator must always check that the floor or ground is suitable to avoid sliding of the machine due to high slopes and/or poor adhesion.
The inclination limits permitted depend on the load being transported (mass and position of the centre of gravity). An indication of the maximum permissible inclination limits is provided in the table of the technical characteristics of the machine.
Assessment of the risk deriving from use on sloping terrain is the responsibility of the user.

Attention: Risk of overturning of the load and of the machine operating on sloping terrain and at excessive speeds.

3.1.6 Live power lines

The machine is not electrically insulated and does not provide protection from contact with or proximity to power lines.
It is necessary to maintain a minimum distance from the power lines according to the current regulations and to the following table.
Also consider the dimensions of the load being transported to assess the correct distance to be respected.

Type of power lines	Voltage (KV)	Minimum distance	
		m	ft
Light poles	<1	3	10
	1 -10	3.5	12
	10 - 15	3.5	12
	15 - 132	5	17
	132 - 220	7	23
	220 - 380	7	23
High voltage pylons	>380	15	50

Keep away from other machinery that is operating near live power lines.
In Canada and the USA, when working near live lines, a minimum distance must be maintained in accordance with the OSHA 1910.333 standard or with national laws and regulations.

3.2 In the event of an accident

If during use an accident occurs, without injury to the operators, caused by manoeuvring errors (e.g. collisions) or structural failures, the machine must be placed in a safe situation (isolate it, apply a sign) and it is mandatory to report the anomaly to the employer.

In the event of an accident involving injury to a person, the operator must:

- Call for help immediately.
- Put the machine in **a safe situation** and report the accident to the employer.

5 METHOD OF USE

5.1 Controls

5.1.1 Station on the chassis

On the chassis, in the rear area there is an on/off panel whose components are indicated below.

A) Remote control battery compartment;
B) Service panel;

1. Emergency stop;
2. Main key;
3. Connector for wired connection with remote control;
4. Connector for interchangeable accessories.

To switch on the machine, remove the emergency stop button, moving it a ¼ of a turn clockwise, then turn the main key to the ON position.

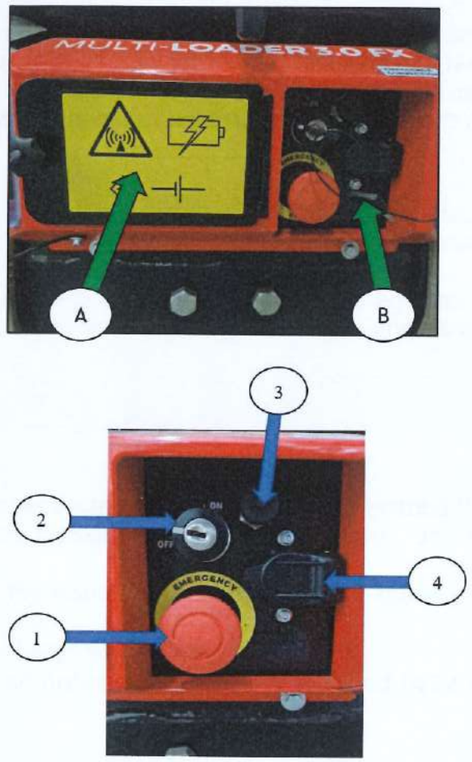

Fig.5

5.1.2 Mobile control panel (remote control)

The machine is equipped with a mobile control panel (remote control) that allows normal operation with the operator on the ground.
The push-button panel, in case of emergency, can be used as a normal wired control, connecting the supplied cable to the push-button panel connector and to the connector of the station on the chassis.

1) Left Joystick
2) Right Joystick
3) Emergency Stop
4) ON/OFF selector
5) Driving Mode Selector
6) Power Selector
7) AUX
8) START/HORN BUTTON
9) Connector (with screw cap)
10) Battery
11) Magnetic key
12) Display
13) Function keys

Fig.6

5.2 Display

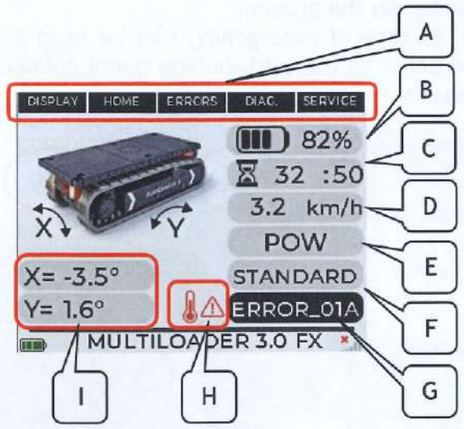

Fig.7

The following information/functions are present on the display of the push-button panel:

A. Function keys (see next chapter);
B. FOR AGM BATTERY: If the machine has been configured with an AGM battery, the remaining battery charge level is shown in this field. When the residual charge level is less than or equal to 20%, the word LOW indicates that the battery is low. Recharge immediately;
   FOR LITHIUM BATTERY: If the machine has been configured with a LITHIUM battery, the word LITHIUM appears in this field. To view the battery charge level, it is necessary to check the charge indicator on the battery pack.
C. Indication of the HOURS and MINUTES of work. When the icon flashes, the system is counting the working hours;
D. Indication of the instantaneous speed in km/h;
E. Indication of the position of the POWER SPEED selector;
F. Indication of the position of the TRACTION MODE selector;
G. Indication of any errors present. If there are no errors, the box is empty;
H. Additional indication for overtemperature error;
I. Indications of the inclination of the machine.

5.2.1 LITHIUM battery charge indicator

If the machine features a LITHIUM battery, the residual charge level is indicated on the circular indicator (A) on the battery pack. The AGM battery pack does not feature this indicator.
The residual charge value is represented by a percentage value preceded by the text SOC, "State Of Charge".
The indication "SOC 100" indicates that the battery is fully charged; "SOC 0" indicates that the battery is flat.
The same indicator can be used to display other battery operating parameters or errors; if required, contact the GGR Group SERVICE.

Fig. 8

Critical levels of residual charge are also accompanied by the activation of the acoustic alarm (B) during a movement, as follows:

- SOC ≤30%: two 1-second alerts, 1 second apart every 30 seconds.
- SOC ≤20%: two 1-second alerts, 1 second apart every 10 seconds. It is advisable to complete the work quickly and recharge the battery.
- SOC 0%, or battery alarm: intermittent sound. Within a few minutes, the battery will stop delivering current, the machine may remain blocked, and it is mandatory to recharge the battery or solve the problem reported.

Attention: If the circular indicator (A) is off, it means that the battery has been deactivated automatically because it is too low, or because the machine has been idle for more than 60 minutes. In the latter case, the battery can be reactivated by pressing the button (C).