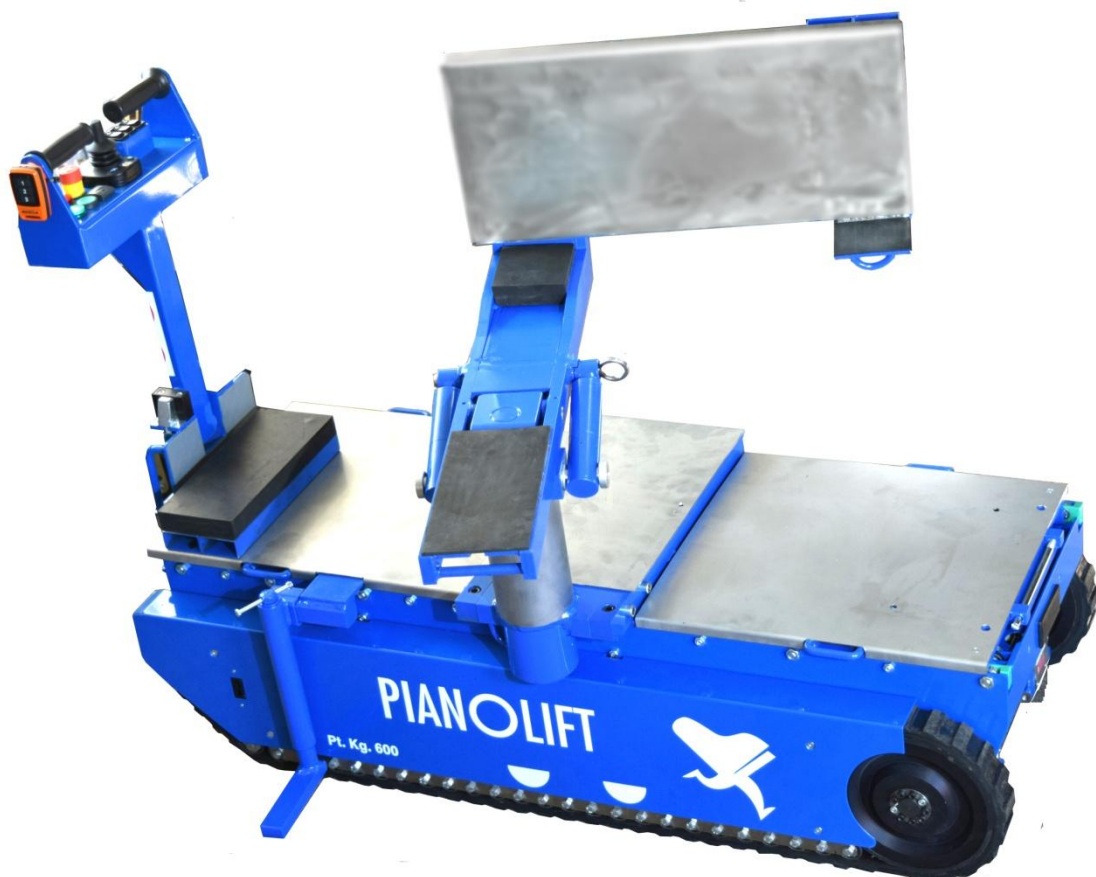




SARL PIANOLIFT
Route du Maine
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Notice d'utilisation



Overview

The pianolift is for tilting and transportation of pianos and optional loading and transport of upright pianos

This notice concerns only the use of the machine to maneuver the piano failover.

For information on using the pianoplan for moving the piano, refer to the detailed instructions supplied with the machine.

Description of the "lifter" of pianolift

It is composed mainly of:

- an articulated arm operated by an hydraulic cylinder.
- Two hydraulic tilting arm dampers.
- a fixed front support on which leans the upright piano (1).
- an adjustable and removable side walk (5)
- a safety solenoid
- two flow rate control valves of the hydraulic oil in the cylinder at the front under the tray above the hydraulic box (9 and 10).

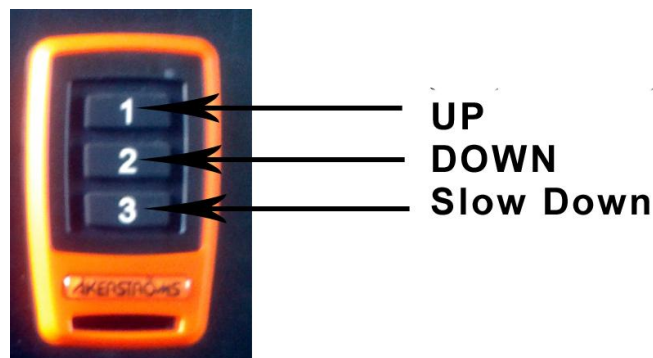
Additional switches

The third switch (7) controls the black ascent and descent of the cylinder actuating the arm.

Security green pushbutton (8) in front of the housing prevents using the central leg and the tilting system during travel of the machine.

To unlock security, simultaneously press the green button (8) briefly, once the red light enlightened, it is not necessary to hold down the green button.

A remote with 3 buttons (11) also controls the tipping cylinder of the pianolift.



Loading and unloading of a grand piano.

Different types of grand piano (removable wedge)

A removable rubber shim of 30 mm is provided with the machine. It is positioned at the end of the hydraulic arm and should be used for a piano which the dam is at the same level as the belt. (Yamaha C3, C5, etc)

For brand Steinway pianos, Fazioli and other dam is about 30 mm below the belt.

In this case you must remove the shim to compensate the difference of level between the dam and the belt.

Adjusting the support foot (5)

The removable foot support is adjustable in height by rotation of the central axis.

Rise phase

Put the arm in horizontal position.



To this slightly mount the cylinder (button 1) until the damping arms are positioned in front of the hole where the axis is inserted.

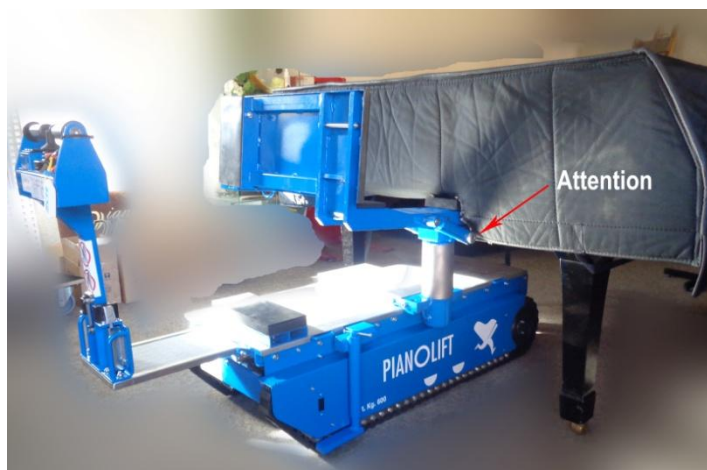
Insert the axis completely until it is locked.



Press the button n°2 on the remote until the end of cylinder stroke in the down position.

Rotating the arm such that it makes an angle of 90 ° with the machine.

Push the machine under the piano by positioning the arm near the trunk of the keyboard until the steel plate is in contact with the piano



Enter the security foot in the socket and press firmly on the ground.

Actuate the rise of the cylinder, button n° 1 on the remote, until the piano takes off the ground.

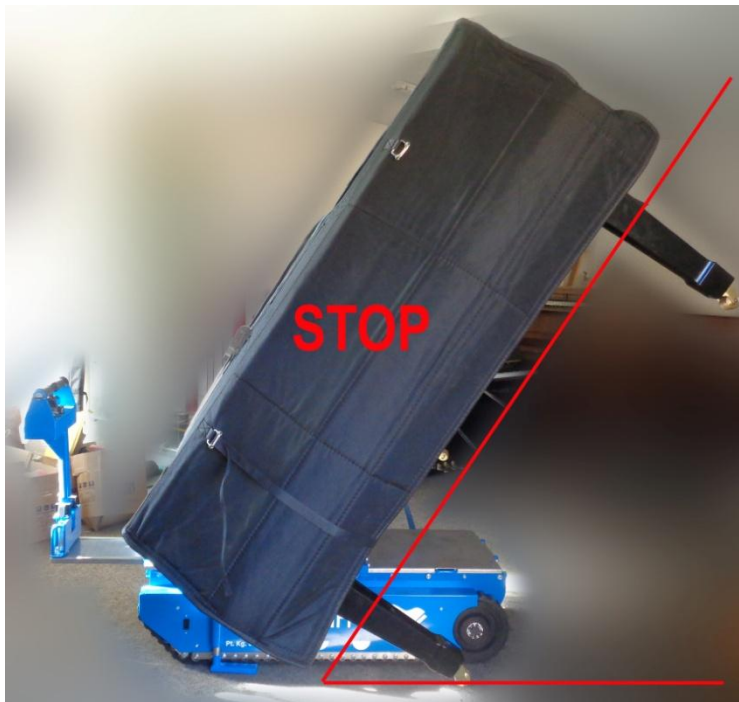
Put the two retaining straps and the tighten hard.

Continue rising until the piano makes about a 30 ° angle with the vertical.

Warning

At this time the piano center of gravity moves to the other side of the axis of rotation.

Release the remote control button with the hand and accompany the movement of the piano he is slow.



Continue the ascent and release the button before the piano stops.

Press the button n°3 of the remote so that it raises smoothly on its prop.

Lift the piano until the upper stop of the cylinder.

Press button 3 to remove the pressure in the cylinder.

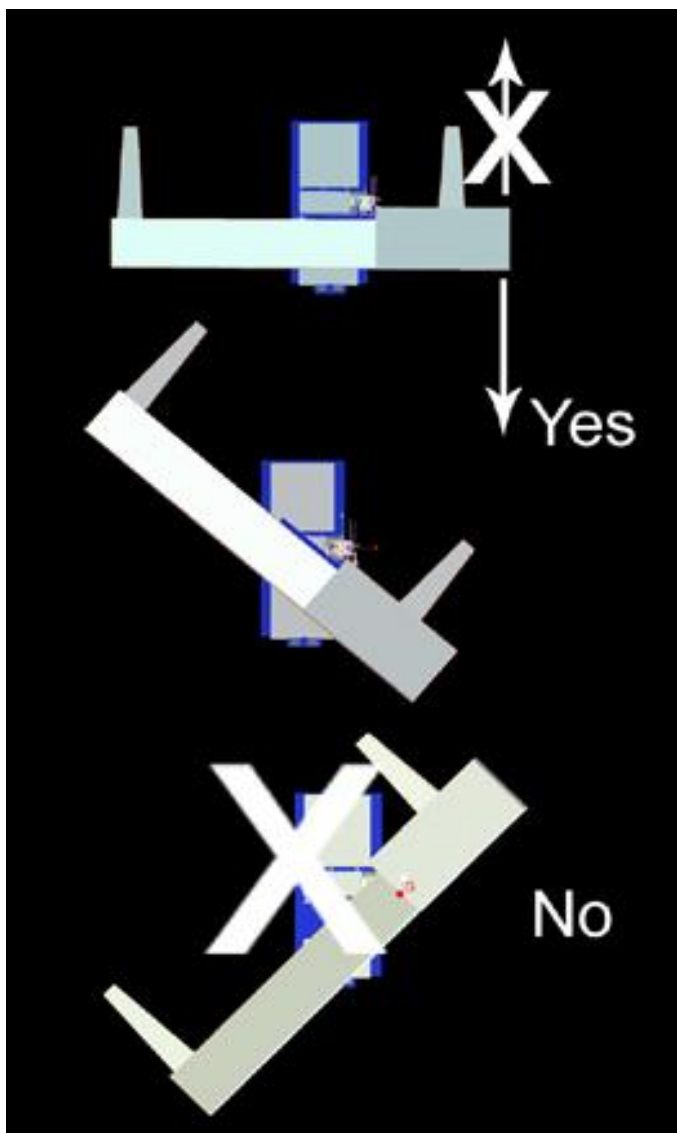
Adjust the pianoplan drawer according to the length of the piano

Push the piano with your hand to bring it in line with the machine, **the keyboard to the console command.**



Warning

Carefully follow the direction of rotation



Precautions when tipping maneuvers.

All recommendations of security and maintenance mentioned in the speedy pianoplan standard operating instructions are applicable to the use of pianolift.

The pianolift is designed for failover and transporting pianos.

Never use the machine to raise another type of loads. This could cause a déséquilibre and tilting of the machine.

Always check the voltage retaining straps should be tightened firmly.

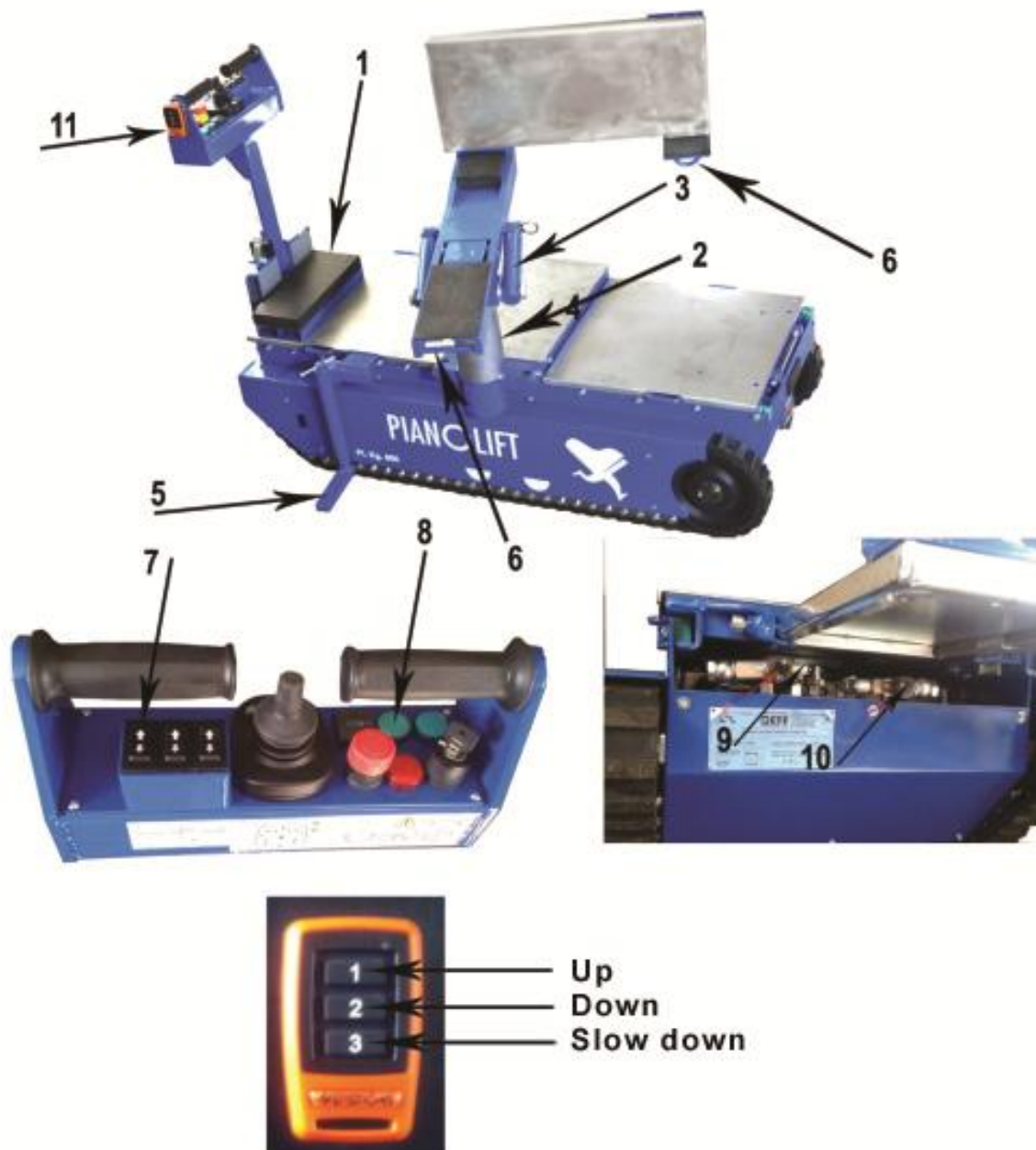
Check the support foot adjustment that needs to be strongly supported on the ground without lifting the machine.

Do not forget to stop being up and down to allow expansion or compression damping rams.

Imperatively perform rotations in the specified direction, a rotation in the wrong way can be dangerous and cause a tipping machine.

Do not forget to adjust the drawer of the machine so that the piano keyboard does not come on strike when rotating the piano upright.

The tale push the keyboard and tighten the holding bolts to prevent the piano from sliding forward if the machine is tilted back when traveling.



1 : support before

2 : principal jack

3: hydraulic dampers

5 : adjustable removing foot

6 :straps hangs

7 :switch mounted lower arm and loading upright option

8 ; security switch

9 : setting up speed dial

10 : dial speeding speed descent

11 : remote control

1 → Up
2 → Down
3 → Slow down

TECHNICAL SPECIFICATIONS

Length (inch)	50.3	Weight (lbs)	750
Width (inch)	21.3	Safe load (lbs)	1320
Platform length (inch)	47.4	Speed (inch/min.)	492
Platform width (inch)	16.9	Power (W)	2x700
Maximum platform extension (inch)	19.8	Maximum hydraulic pressure (Bar)	130
Minimum height (inch)	16.1	Batteries 2x12 (V)	2x 65 Ah
Maximum height (inch)	29.3	Range	2 hours

