



PANEL LIFTER



INSTRUCTION AND SECURITY MANUAL

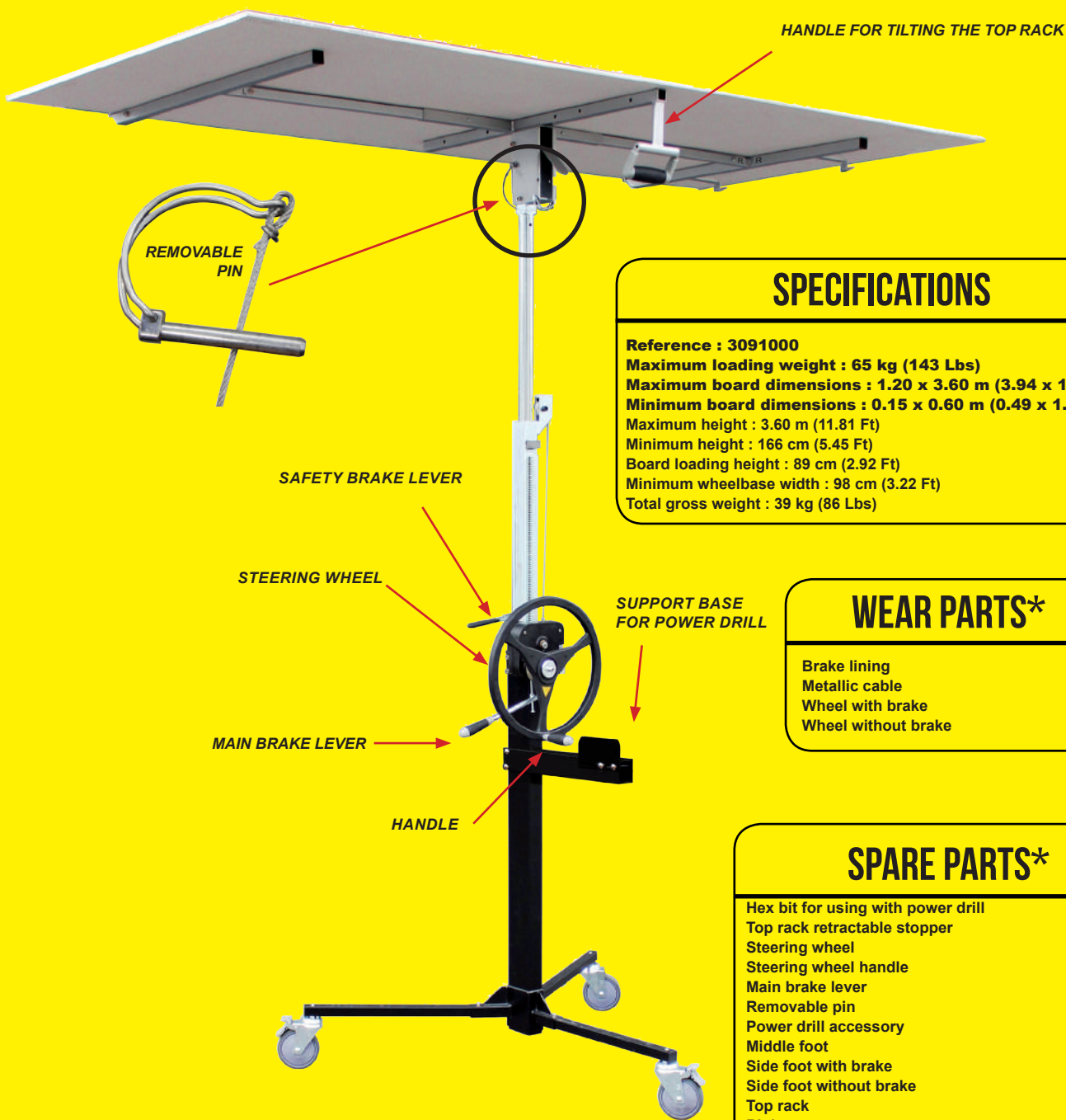
REF. 3091000

PANEL LIFTER

READ THIS MANUAL CAREFULLY BEFORE THE FIRST USE OF THE MACHINE



- Respect the safety instructions in order to avoid injury or damage on surrounding elements.
- Follow the operating instructions to avoid damage on the tool.



SPECIFICATIONS

Reference : 3091000
 Maximum loading weight : 65 kg (143 Lbs)
 Maximum board dimensions : 1.20 x 3.60 m (3.94 x 11.81 Ft)
 Minimum board dimensions : 0.15 x 0.60 m (0.49 x 1.97 Ft)
 Maximum height : 3.60 m (11.81 Ft)
 Minimum height : 166 cm (5.45 Ft)
 Board loading height : 89 cm (2.92 Ft)
 Minimum wheelbase width : 98 cm (3.22 Ft)
 Total gross weight : 39 kg (86 Lbs)

WEAR PARTS*

- Brake lining
- Metallic cable
- Wheel with brake
- Wheel without brake

SPARE PARTS*

- Hex bit for using with power drill
- Top rack retractable stopper
- Steering wheel
- Steering wheel handle
- Main brake lever
- Removable pin
- Power drill accessory
- Middle foot
- Side foot with brake
- Side foot without brake
- Top rack
- Right arm
- Left arm
- Internal tube
- 43 mm (1^{3/4}) screw + nut
- 58 mm (2^{1/4}) screw + nut
- 68 mm (2^{5/8}) screw + nut
- Nut

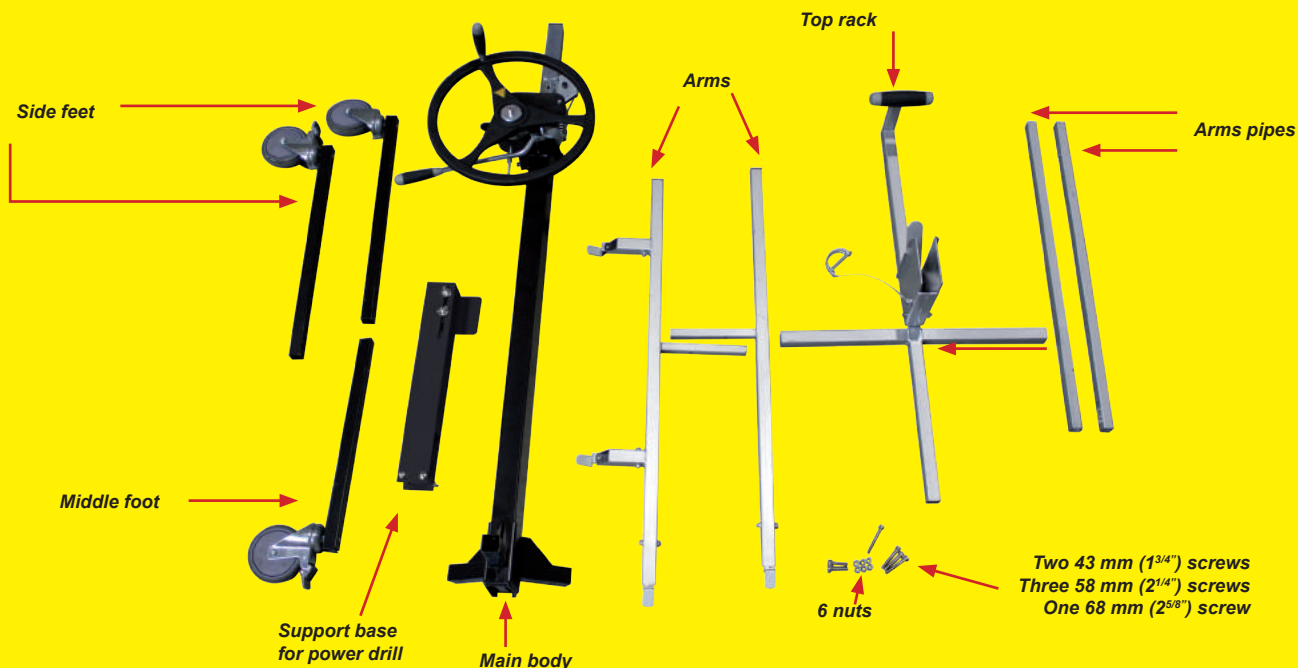
* ON DEMAND

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PANEL LIFTER ASSEMBLY INSTRUCTIONS

NECESSARY TOOLS : 13 MM (1/2") FLAT WRENCH, 6 MM (1/4") HEX WRENCH



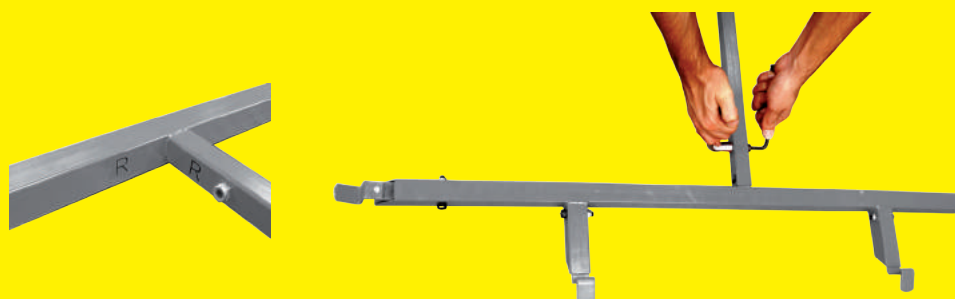
- 1** Fix the side and middle feet on the fixing plate of the main body with three 58 mm (2¹/₄") screws and nuts. Use a 13 mm (1/2") flat wrench and a 6 mm (1/4") hex wrench. Position the side foot with brake on the same side than the main and safety brake levers. The middle foot is the shorter one.



- 2** Insert the top rack in the main pipe base and fix it with the 68 mm (2⁵/₈") screw and nut.



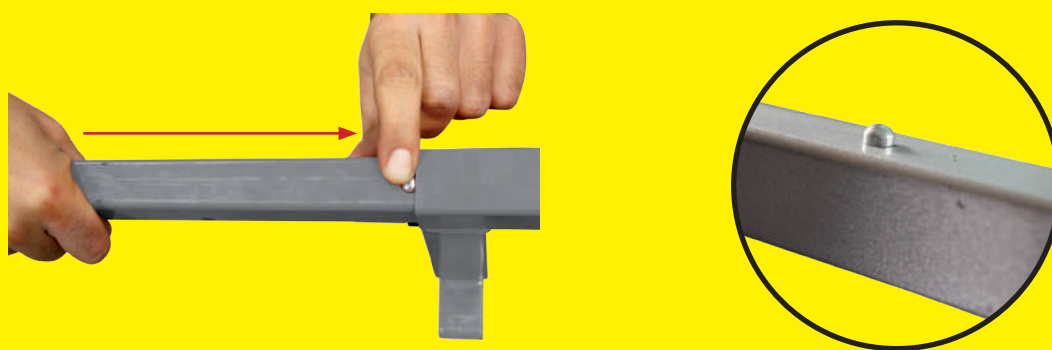
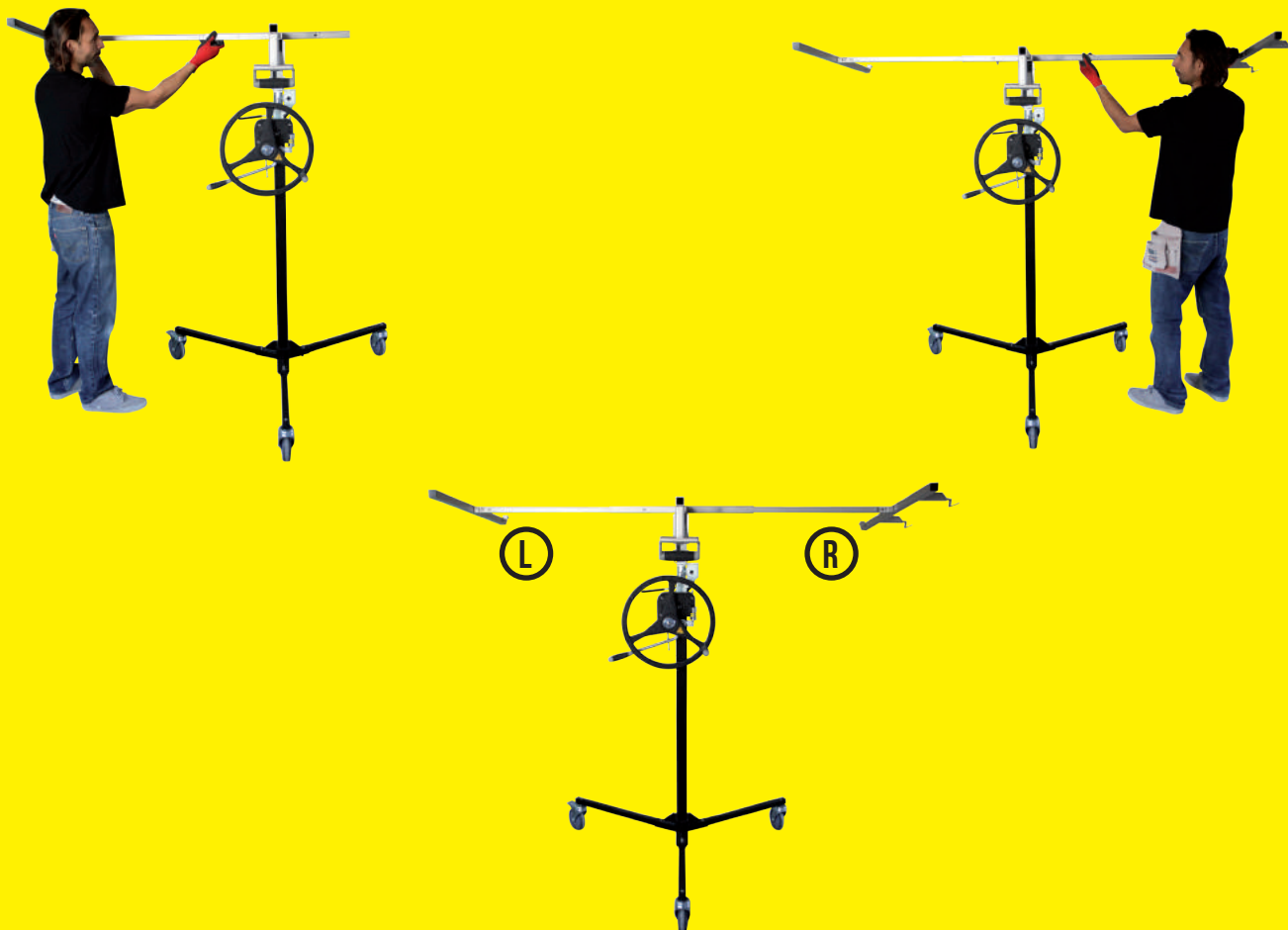
- 3** Fix the arms with the two 43 mm (1³/₄") screws and nuts, using a 13 mm (1/2") flat wrench and a 6 mm (1/4") hex wrench. Make the arms marks match : R with R and L with L.



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- 4** Insert the arms in the top rack according to the position selected. Facing the steering wheel, put the R arm on your right and the L arm on your left. The retractable pins come into the corresponding holes.



- 5** Fix the support base for power drill on the main body with the 2 screws provided and tighten the wing nuts to block the support.



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OPERATING INSTRUCTIONS

- 1** Insert the arms in the pipes according to the selected setting, until the retractable pin position itself in the hole.



- 2** Press the latch to unlock the top rack and tilt it completely.



- 3** Block the 2 wheel brakes and load the board.



- 4** Pull the handle to position the board on the configuration chosen.

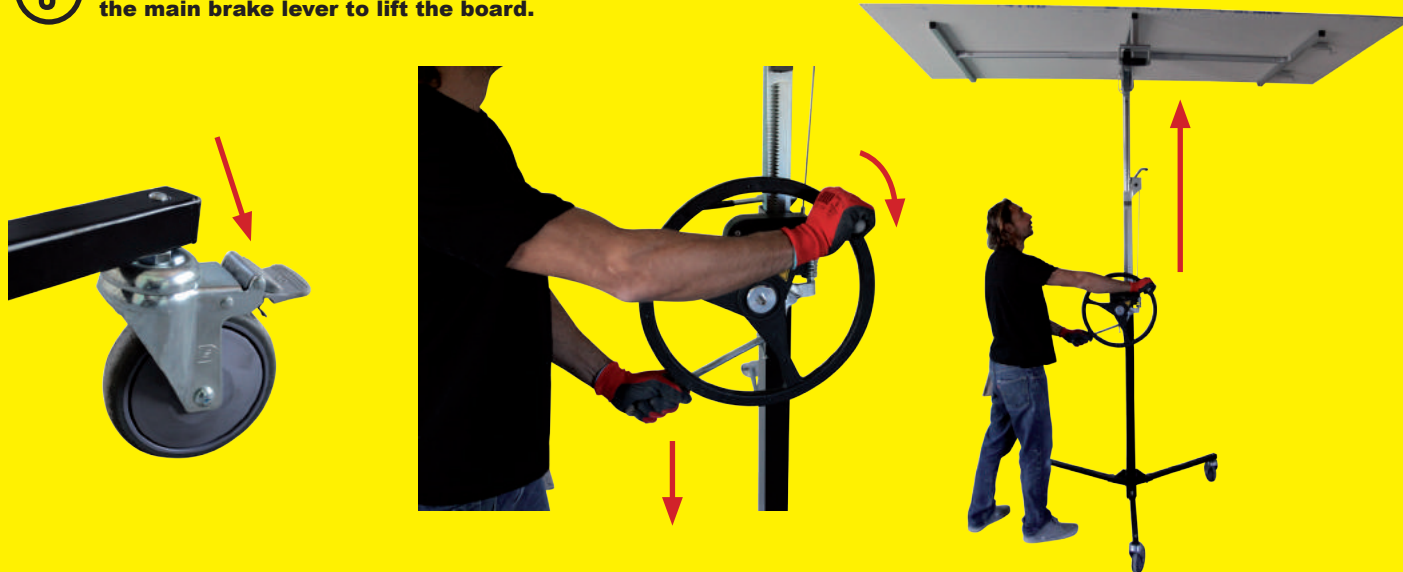


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OPERATING INSTRUCTIONS

- 5** Unlock the 2 wheel brakes and turn the steering wheel while pressing the main brake lever to lift the board.



- 6** Once the board touches the ceiling, position the board perfectly and lock the wheel brakes while screwing.



- 7** Press the main brake lever lifting the safety brake latch in the same time, to lift down the top rack. If you have to lift down the top rack loaded, pay attention to control the descent by pushing slightly on the main brake lever. In case of a main brake or gear system default, release immediately the safety brake lever in order to stop the descent right away.



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LOADING CONFIGURATIONS

HORIZONTAL CEILING SETTING AND SLOPING CEILING

- 1** Insert the arms in the pipes perpendicularly to the top rack handle pipe, until the retractable pin position itself in the hole.



- 2A** **CEILING SETTING**
Once the board loaded, pull the top rack handle to put the board in horizontal position. Position the panel lifter with the steering wheel in front of the wall for horizontal lifting along the wall.



- 2B** **HORIZONTAL SLOPING CEILING**
Once the board loaded, pull out the removable pin to unlock the top rack, then pull the handle to tilt the board and put the removable pin in the hole corresponding to sloping ceiling position (45° position). Once the board touches the ceiling, the adjustable head axis will allow the board to position itself according to the angle of the ceiling.



- 3** Turn the steering wheel while pressing the main brake lever to lift the board until the ceiling.



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LOADING CONFIGURATIONS

VERTICAL SLOPING CEILING

- 1 Insert the arms in the pipes in parallel to the top rack handle pipe, until the retractable pin position itself in the selected hole according to the board dimensions.



- 2 Once the board loaded, pull out the removable pin to unlock the top rack, then pull the handle to tilt the board and put the removable pin in the hole corresponding to sloping ceiling position (45° position). Once the board touches the ceiling, the adjustable head axis will allow the board to position itself according to the angle of the ceiling.



- 3 Turn the steering wheel while pressing the main brake lever to lift the board.



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AUTOMATIC USE ASSISTED BY POWER DRILL

- ① First of all, you must use the power drill support base for safety reason. Then, set up the panel lifter according to the selected setting configuration.

- ② Insert the hex bit in the power drill chuck.



- ③ Adjust the support base for power drill according to the power drill dimensions.



- ④ Insert the hex bit fixed on the power drill in the hex hole located in the middle of the steering wheel. Turn the power drill to block it against the power drill support base. Set the power drill on "maximum torque", rotating on clockwise direction.



POWER DRILL MINI 14.4 VOLTS - 3 Ah

- ⑤ Pull the power drill trigger to lift the board.



- ⑥ To lift down the top rack, remove the power drill first, then press the main brake lever while lifting up the safety brake latch.

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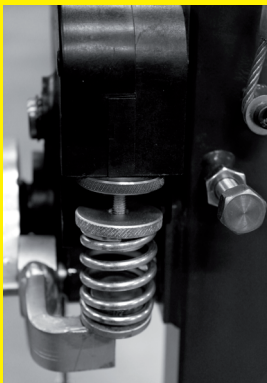
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SAFETY INSTRUCTIONS



PRECAUTIONS BEFORE USE

- Make sure all the parts are perfectly well assembled.
- Make sure the nuts are well tightened and the removable pins are in position.
- Remove the dust from the gear.
- Make sure the retractable pins are well positioned in their locations.
- Before each use, make a general operational checking.
- **Make sure the cable is in good condition. Do not hesitate in changing it as soon as the tiniest imperfection is visible : crushing, pinching, wire breaking.**
- **Make sure the main brake is in good condition and well adjusted. Once the board lifted at the required height, it has to stay in position when the safety brake is unlocked. If the board lift a little bit down, tighten the main brake by turning the knurl clockwise.**



GENERAL SAFETY WARNINGS

- This tool is exclusively dedicated to the plasterboard setting.
- **The maximum loading weight is 65 kg (143 Lbs). Do not exceed the maximum weight in order to avoid a premature wear.**
- Do not use the panel lifter as a freight elevator or person elevator.
- Do not grease or oil the rack.
- Do not hinder the wheels while using. It may cause a failover of the device.
- Do not clutter up the working area in order to make the panel lifter moving easier.
- Do not put your hand through the steering wheel while the top rack is lifting down. It may cause hand or finger injuries.
- Do not let children use the panel lifter.
- Do not erase the panel lifter warning markings.
- Modifications on the tool are not allowed.
- Once the board lifted at the required height, it has to stay in position when the safety brake is unlocked. If the board lift a little bit down, tighten the main brake by turning the knurl clockwise. The more the load is heavy, the more you have to tighten the brake knurl.
- If the board still lifts down even with the knurl at its tightest, change the brake lining.
- Use the panel lifter on a firm and stable surface which can resist the weight of the device on load.
- Lock the 2 wheel brakes while lifting a board.
- The user has to ensure his own safety as well as the safety of the other people around the panel lifter.
- In order to avoid collision with the top rack while lifting down, use the main brake to regulate the speed. In case of a main brake or gear system default, release immediately the safety brake lever in order to stop the descent right away.
- Wearing a helmet : follow the current legislation
- Have the device checked regularly by a control agency (decree of 1st march 2004).

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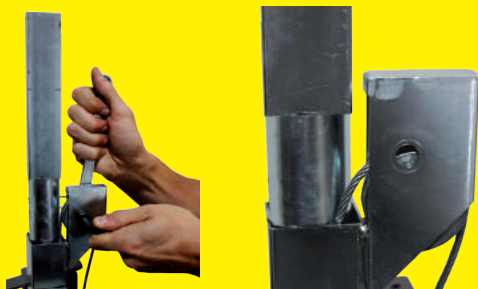
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CABLE REPLACEMENT

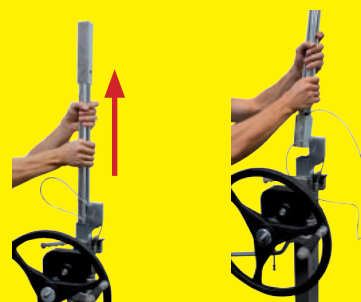
NECESSARY TOOLS : 10 (3/8") AND 17 MM (11/16") FLAT WRENCH, 5 (3/16") AND 8 MM (5/16") HEX WRENCH

A WITHDRAWAL OF USED CABLE

- ① Unscrew the axis that maintain the pulley and remove it, using a 17 mm (11/16") flat wrench and an 8 mm (5/16") hex wrench.



- ② Pull the mast pipe to remove it completely.



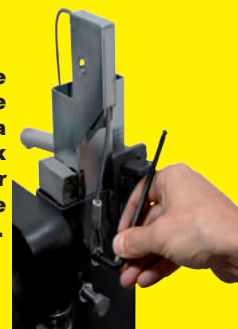
- ③ Remove the pulley.



- ④ Unscrew the nut from the axis that maintain the cable at the mast pipe. Use a 10 mm (3/8") flat wrench and a 5 mm (3/16") hex wrench.



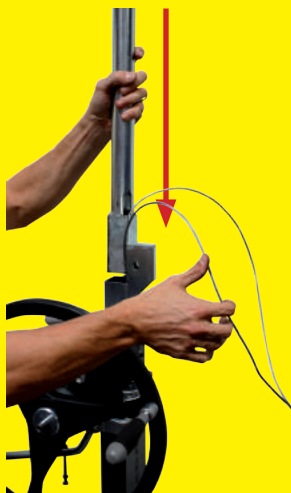
- ⑤ Unscrew the screw from the main body with a 5 mm (3/16") hex wrench, in order to remove the cable completely.



B NEW CABLE INSTALLATION

- ① Put the axis through the cable loop to fix it on the main pipe.
- ② Fix the opposite cable loop on the main body with the provided screw.
- ③ Put the pulley back to its location.

- ④ Put the principal pipe back in the main body.



- ⑤ Put the axis maintaining the pulley back and tighten the nut on the axis with a 17 mm (11/16") flat wrench and an 8 mm (5/16") hex wrench. For this step, the main pipe must not be completely inserted in the main body.



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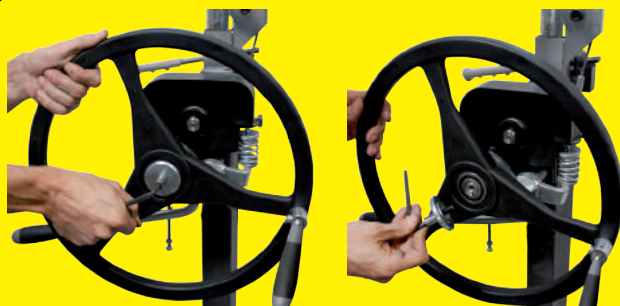
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BRAKE LINING REPLACEMENT

NECESSARY TOOLS : 6 MM (1/4") HEX WRENCH

A WITHDRAWAL OF BRAKE LINING

- ① Unscrew the central axis of the steering wheel with a 6 mm (1/4") hex wrench.



- ② Remove the spring lifting completely up the main brake lever.



- ③ Pull the steering wheel to remove it from the axis. Be careful not to lose the axis pin pulling the steering wheel.



- ④ Pull the brake lining to remove it from its location.



B NEW BRAKE LINING INSTALLATION

- ① Insert the brake lining in its location.



- ② Replace the steering wheel on the main axis ensuring that the pin takes place in its location in the steering wheel.



- ③ Replace the spring.

- ④ Screw the steering wheel central axis.



In conformity with European directive "MACHINERY" 2006/42/CE.
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