



Leap Automation



User Training

Leap Daisy Setup

How To Set Up Your Leap Daisy For Basic Operation

Step 1 - Inspect & Prepare

Prior to inspection the Leap system must be powered down.

When ready inspect your robot for signs of visible damage.

Please check the following:

- The current tool is free from damage
- The suction cup fixed to the tool has no tears or frayed edges
- There is no visible external damage to the robot

Please also ensure:

- The designated robot safe area is free of obstruction
- The correct PPE is worn according to your HSE guidelines, MINIMUM REQUIREMENT: Safety glasses & safety boots
- There is an empty tray in position.

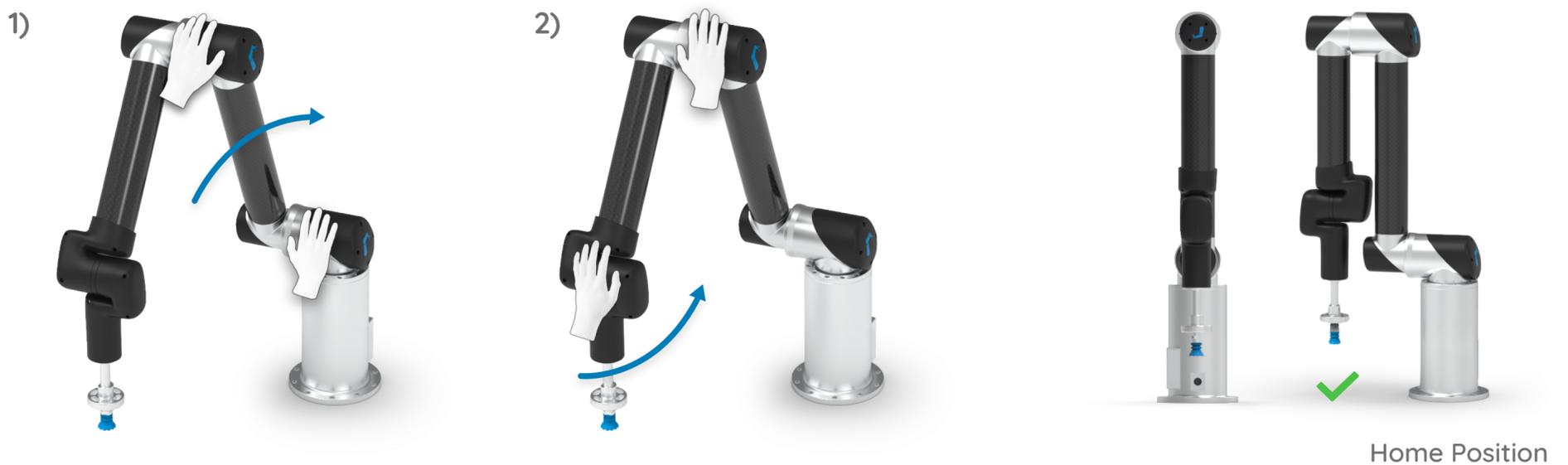


Step 2 - Ensure Your Leap Daisy Is In The Home Position

If the robot arm is not already in the home position (shown below) you will need to manually move it into position. Make sure your posture is stable and you are able to support the arm from slowly moving towards the floor.

Move the arm into the home position section by section starting at the base until it resembles the home position. To move a section, place one hand at the base of a section to stabilise any movement while using the other to push the arm into place.

You may feel resistance when moving a section, this is normal as the motors within the arm require pressure to manually reset. Take care to avoid trapping fingers in any of the moving parts.

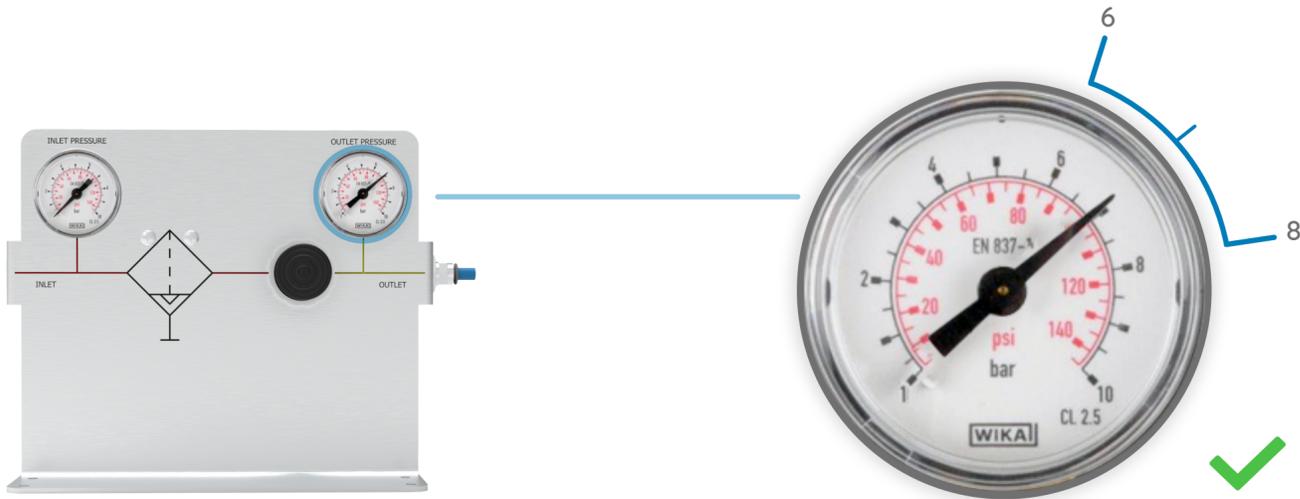


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Step 3 - Check Air Pressure

Ensure the output air pressure on your pneumatic panel is set between **6 and 8 barg**, if the pressure is lower than 6 barg the robot will not be able to pick up the product. You can change the pressure by pulling the outlet dial and twisting to adjust appropriately. Once complete, push the dial back in to secure. Pressure below 6 barg may prevent the robot from picking up your products.

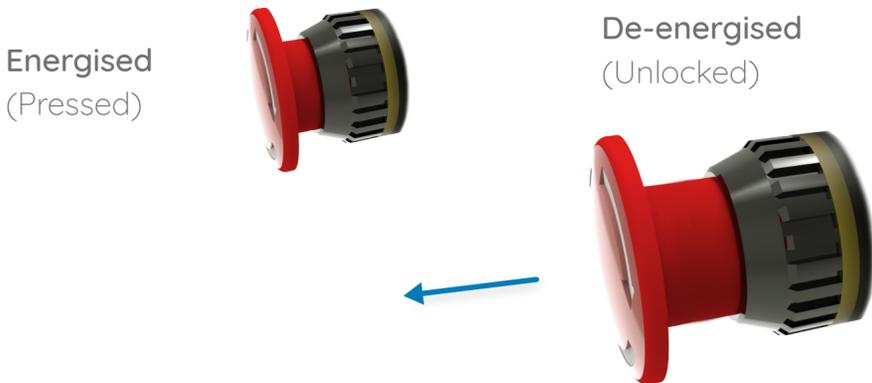
Pneumatic Panel



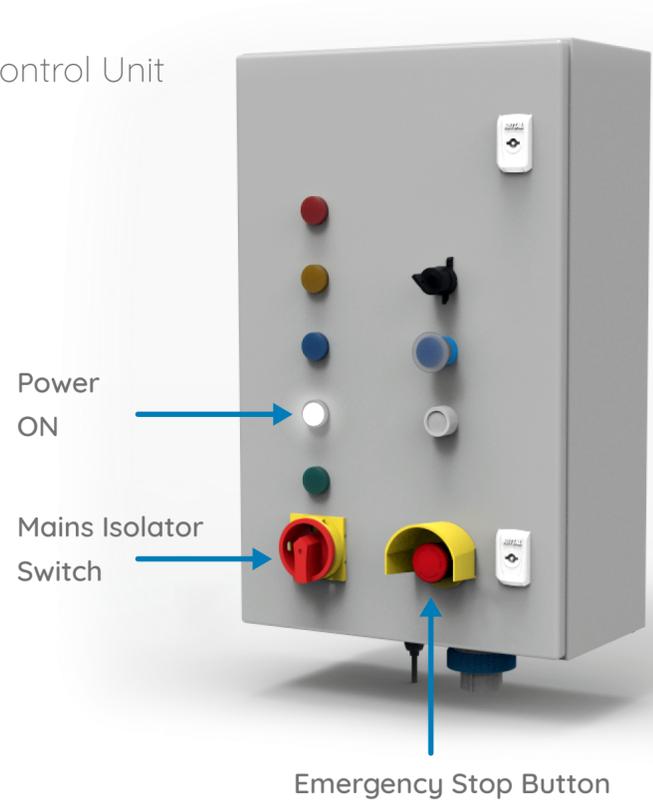
Step 4 - Power Up

Locate the Robot Control Unit, ensure the power supply is active then turn the mains isolator switch to the ON position. Ensure the emergency stop button is de-energised. To de-energise the emergency stop button pull the button outwards and release.

Allow the system a minimum of 2 minutes to warm up.



RCU
Robot Control Unit



Step 5 - Access User Interface

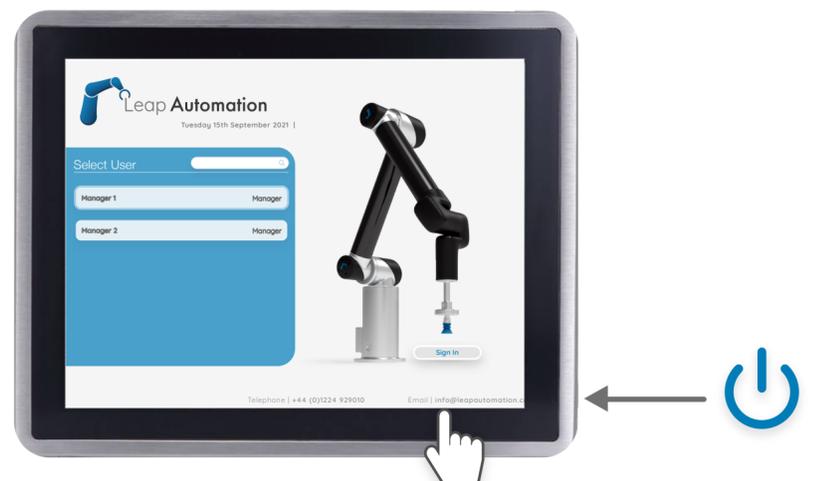
Connect the display touchscreen to mains power and press the ON button located on the right-hand side of the screen.

The Leap Automation software will start automatically upon sign in, alternatively you can access the software using the desktop icon or by typing the web address into google chrome's search engine.

Your web address can be found in your user manual.

For information on how to operate the user interface, please see your user manual or User Interface Training video

UI
User Interface



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