

Vac-U-Vest 12 & 15

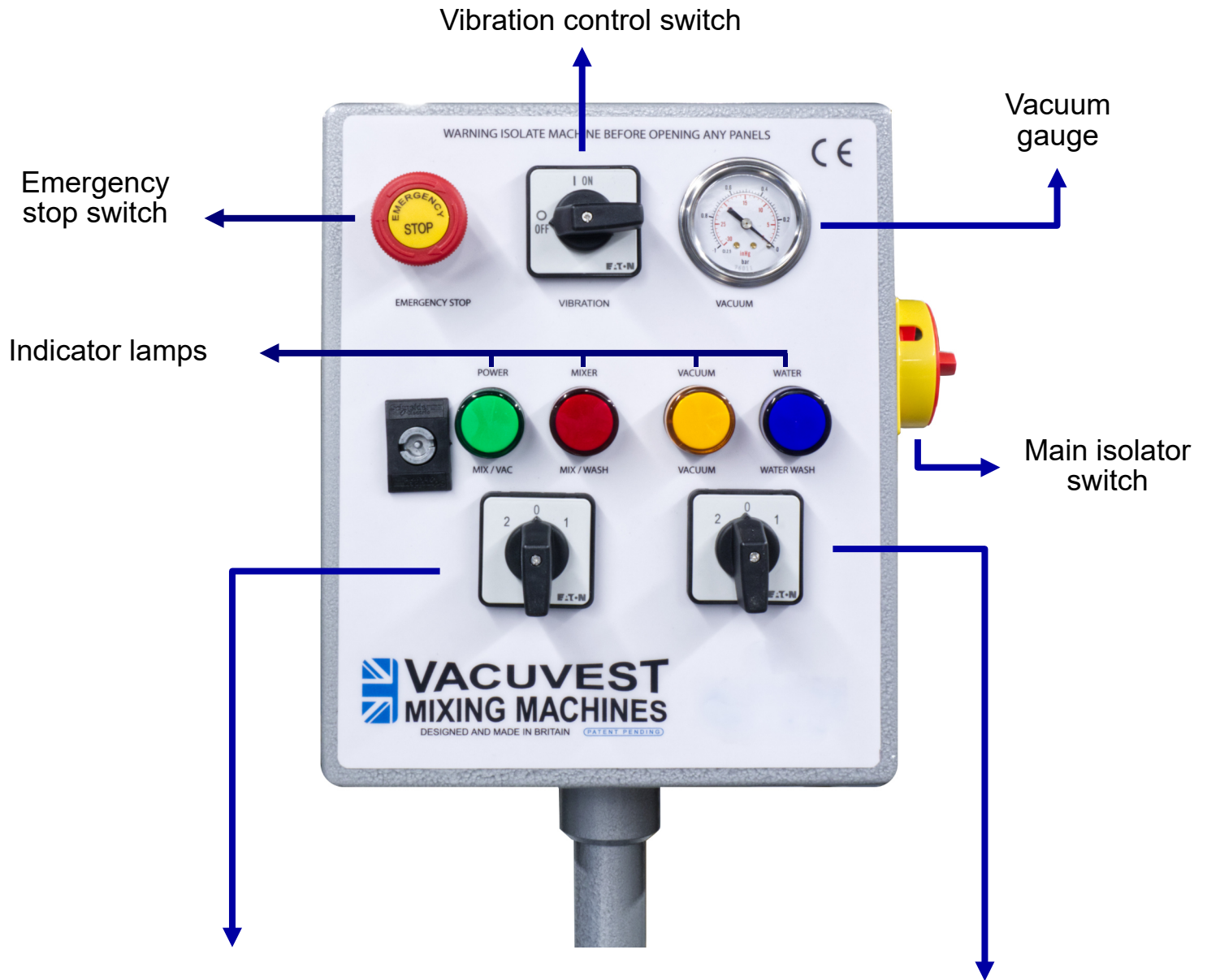
Product Manual



Machine Components



Control Panel



Mixing blade control switch.

This should be in position 2 when you want to pull a vacuum.

When you want to use the water wash system this should be in position 1.

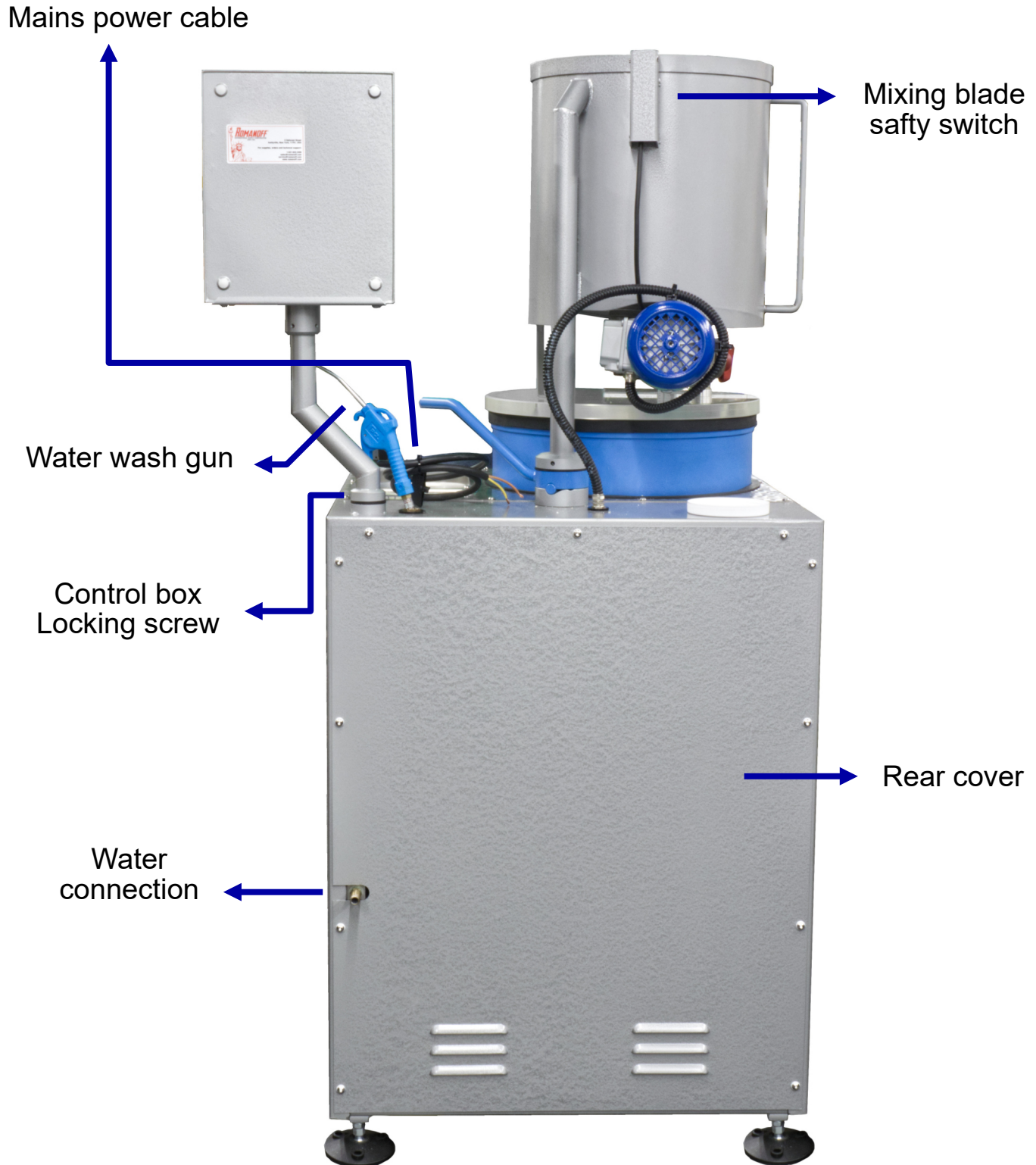
Please note that the mixing blade will not run until the Plexiglas lid is in position.

Vacuum / Water control switch.

When the mixing blade control switch is in position 2 and this switch is in position 2 the vacuum pump will run.

When the mixing blade switch is in position 1 and this switch is in position 1 the water valve will open and begin to introduce water into the mixing chamber.

Rear view



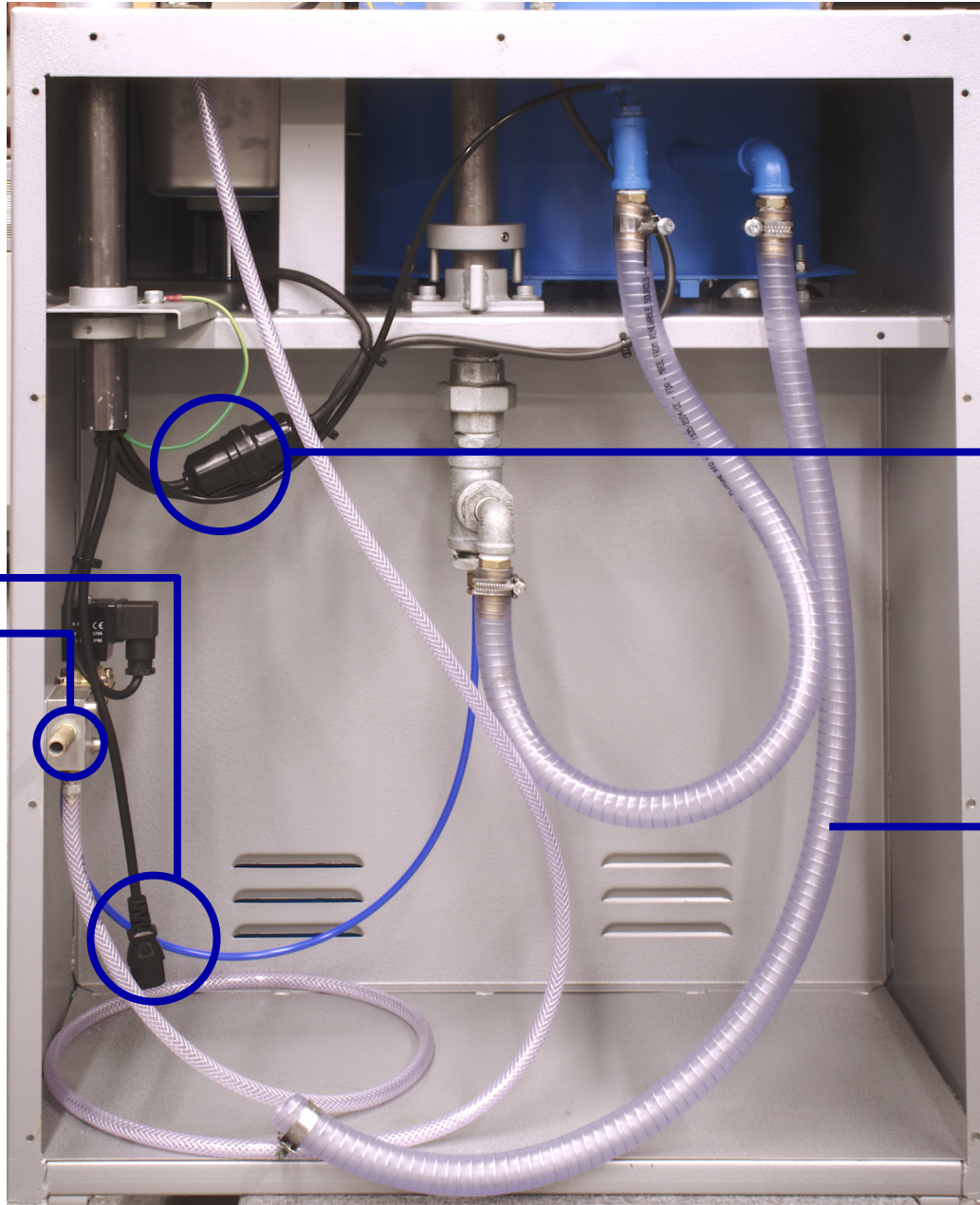
Required Connections

Vacuum Pump power supply maximum 10 amps

Vacuum pump connector. This supplied cable should be wired to your vacuum pump which then connects to the vacuum pump power supply cable.

Water supply connection

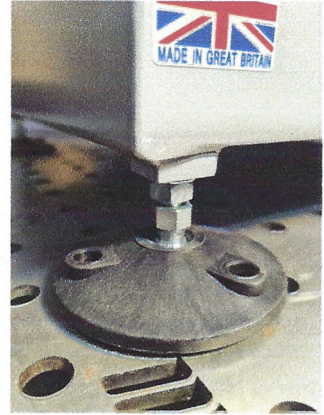
Vacuum connection hose, connects to vacuum pump. Pump should have adequate filtration system and gas ballast valve.



Setup and Installation

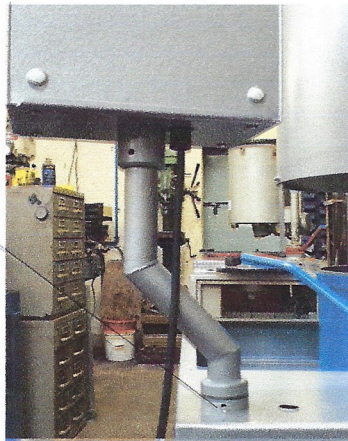
A few simple steps to getting your Vac-U-Vest 12 &15 into operation.

With the machine removed from its shipping crate, once in position you can use the anti-vibration feet to level the machine. Once leveled, tighten the locking screw on each foot to secure it.



The machine will arrive to you with the control box in the shipping position. Unscrew the locking screw in the swivel bush with a 3mm allen key, rotate the controlbox to the open position and then lightly tighten the locking screw again to secure its position.

Locking screw



Shipping position



Open position



Basic Operation Guide

Ensure that the pouring valve is in the closed position.

Push the mixing chamber handle back to raise the mixing chamber and rotate it to the right hand side.

Load flasks into the flask chamber.

Close the mixing chamber back over the flask chamber and pull the handle forwards to lower the mixing chamber and seal the chambers together.

Rotate the turntable control wheel and ensure that all of the flasks align correctly under the pouring valve.

Weigh out the investment powder not exceeding the machines maximum. Vac-U-Vest 12 is max 12kg dry powder, Vac-U-Vest 15 is max 15kgs dry powder.

Measure out the correct amount of water.

Make sure that the exhaust valve is closed and the vacuum valve is turned to on.

Always load the water into the mixing chamber before the powder.

Secondly load the powder into the mixing chamber and then place the plexiglas lid into position.

Turn on the mixing blade (Left hand switch to position 2) and turn on the vacuum pump (right hand switch position 2) monitor the vacuum gauge to be sure an adequate level is achieved.

Monitor the mixing time carefully, when mixed for the correct amount of time check that the flask is positioned under the pouring valve and slowly open the valve to fill the flask.

Use the turntable control wheel to rotate the turntable and position the additional flasks.

Once all flasks have been filled, turn the left hand switch on the control panel to position 1 and turn the right hand switch to position 1 for around 20 seconds to add water and initiate the cleaning process. After 20 seconds turn the right hand switch back to position 0.

When you are happy to remove the flasks open the exhaust valve slowly to release the vacuum.

Push the lifting handle back and rotate the mixing chamber so that the pouring valve is positioned over the waste sink. (Make sure your waste bucket is positioned correctly to catch excess slurry).

Ensure both control switches are now at position 0.

Use the water gun to wash the mixing chamber thoroughly, cleanliness is crucial.