

THE GENTLE ROLLER OWNER'S MANUAL PART 1

SETTING UP THE GENTLE ROLLER

RELEASED MAY 2018

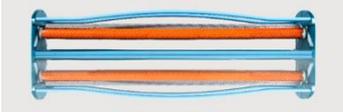
Setting up your Gentle Roller.

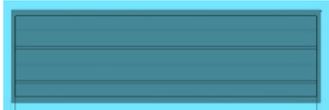
It is recommended you watch the instructional videos on your Exclusive Content page.

You should have received two boxes. A small box with the motor and power pack and a larger box with your Gentle Roller components (and optional Fulling Drum if ordered).

Remove all parts from the boxes and lay them in a clean space for easy identification.

Check all parts:

<p>A Motor Housing: the control panel decal has a protective thin plastic cover - please remove and dispose of carefully. Keep away from children. There should be no reason to open the housing and unauthorized opening will void your warranty.</p>	
<p>A power pack/transformer</p>	
<p>A Roller Housing assembly: if the upper cross support bars have moved during transportation they can be adjusted to your preference. Simply loosen the end screws a little with the Allen key provided, move the arms into place and re-tighten. Ensure the arms are pointing upward or outward but NOT inward.</p>	
<p>Nylon pivot hooks: located on each end panel. They should hang freely (they do not sit against the aluminium as in the photo). They should move freely up and down.</p>	
<p>Locking slider: one end panel of your Roller Housing has a locking slider for locking the Drive Roller (or Fulling Drum) into place. The locking slider should freely move horizontally. Note: it is a white/cream colour (not orange as in the photo)</p>	
<p>Aluminium hex drive plate: the other end panel has a central hole and an internal bearing may be visible. The orange hex drive plate locates snugly into the central hole.</p>	

<p>A plastic thermoformed tray: it has a protective plastic cover - please remove it and dispose of it - keep it away from children. The corners may exhibit some minor 'whiteness' - this is acceptable - but there should be no holes in the corners.</p>	
<p>A Drive Roller: the Drive Roller is grey/white. One end has a hex end cap, the other end has a pin.</p>	
<p>3 Idle Rollers: the Idle Rollers are orange and have a pin at each end. Take care not to drop your rollers onto the pins. They are quite strong but not unbreakable.</p>	
<p>A set of 4 screws and an Allen key (for connecting your Motor Housing to your Roller Housing)</p>	
<p>A small hand roller: an earlier video mentioned some fulling balls however after much testing we were not convinced the balls made sufficient difference to the fulling process. Accept our hand roller as compensation.</p>	
<p>A Fulling Drum (optional)</p>	

Assembling your Motor Housing to your Roller Assembly

Place the Roller Assembly on a stable flat surface where you intend to use it. The locking slider should be on your right-hand side as you face the assembly. Ensure there is enough room on the left side to fit the Motor Housing.

Carefully place the Motor Housing on the left side of your Roller Assembly.

Remove the aluminum hex drive plate from the Roller Housing end panel to expose the central hole.

Line up the Motor Housing with the assembly and bring them together. Ensure the drive shaft of the motor locates itself in the central hole of the end panel.

Using the 4 provided screws, locate them in the four holes (where shown). **LOOSELY TIGHTEN THE SCREWS** with the Allen key. **DO NOT** fully tighten the screws or you will not be able to locate the hex drive plate.

Take the aluminum hex drive plate and locate it onto the motor drive shaft within the central hole.

Note: it may take some wriggling to locate the hex drive plate onto the drive shaft.

When located, the hex drive plate should locate with approximately a 2 mm gap between the hex drive plate and the aluminum end panel.

You should **NEVER PICK UP THE MOTOR HOUSING AND ROLLER ASSEMBLY AT THE SAME TIME WHEN CONNECTED**. Remove the screws and move your Motor Housing and Roller Assembly separately if required.

Test your Gentle Roller is working as expected.

Before placing your rollers in the Roller Assembly

Plug in the power pack into the location on the back of the Motor Housing. Plug the power cord into a nearby wall socket and turn the power on.

Turn on your Gentle Roller with the power on/off switch located on the back of your Motor Housing. There is no light in the power on/off switch.

After a few seconds your display screen will light up and go to the start menu.

There are several videos covering the control panel operation in the Exclusive Content page of the Gentle Roller website.

Test your motor (without rollers)

Press the button to the left of "Felting".

Press the button to the right of "New Item".

Press the "Start/Stop" button.

Your Gentle Roller hex drive plate should oscillate forward and backward. There will be the sound of the motor working but you should not hear any grinding or grating noise. If all seems well, increase the speed to 100% by;

Pressing the button to the left of speed

Repeatedly press the button to the right of +5%.

The speed will adjust until it reaches 100%.

If all is well press "Start/Stop" to stop your motor.

Press "Menu" twice to return to the start menu.

Test with your rollers

Load the Drive Roller first. Make sure the locking slider is open. Place the hex end of the Drive Roller into the hex drive plate and simultaneously lower the pin into the slot at the right-hand end of the machine. Close the locking slider. The Drive Roller should be horizontal.

Place the near side Idle Roller in the pivot hooks. Note you must approach from UNDER the cross support bar.

You may need to lift the pivot hook slightly to get the Idle Roller in the first pin location.

Locate the far side pivot hook in a similar manner. Both Idle Rollers should be parallel to , and touching (or close to) the Drive Roller. If the Idle Rollers do not fully touch the Drive Roller it is not a problem as the gap will be occupied when you roll material onto the Drive Roller.

Place the third top roller in the slots at both ends of the Roller Housing. It should lie on top of the Drive Roller.

Press the button to the left of "Felting".
Press the button to the right of "New Item".
Press the "Start/Stop" button.

Your Gentle Roller rollers should all oscillate forward and backward. There will be the sound of the motor working but you should not hear any grinding or grating noise. If all seems well, increase the speed to 100% by;

Pressing the button to the left of speed
Repeatedly press the button to the right of +5%.

The speed will adjust until it reaches 100%.

If all is well press "Start/Stop" to stop your motor.

Press "Menu" twice to return to the start menu.

If the rollers all moved in unison the Roller Housing is operating correctly.

Test with your Fulling Drum (optional)

Remove the Idle Rollers and the Drive Roller. Make sure the locking slider is open.

Place the hex end of the Fulling Drum into the hex drive plate and simultaneously lower the pin into the slot at the right-hand end of the machine. Close the locking slider. The Fulling Drum should be horizontal.

If using the GR1400 Fulling Drum you may need assistance to load your Fulling Drum (empty weight is approximately 8kg but it is awkward to handle).

Load with the two latches toward the top.

Open the latches and open and close the Fulling Drum lids a few times to ensure they have free movement.

Close the two lids (there is a correct sequence), as you are facing the Gentle Roller, the far side lid closes first and then the nearside lid.

Close the two latches.

Press the button to the right of "Fulling". (WARNING: if you are on felting cycle you will overload the motor and the auto cut-off will shut down the control panel momentarily. It will re-boot automatically)

Press the button to the right of "Continue".
Press the button to the right of "New Item".
Press the "Start/Stop" button.

Your Fulling Drum should oscillate forward 10-13 rotations and backward 10-13 rotations.

If all seems well, increase the speed to 70%. There is usually no reason to full faster than 70-75% but the motor will operate safely at up to 100%.

If all is well press "Start/Stop" to stop your motor.

Press "Menu" twice to return to the start menu.

Remove your Fulling Drum.

If you are familiar with the instructional videos on the control panel now is the time to play around with the controls and become familiar with them.

Once you're ready, you can begin your first project.

Good felting,

Gentle Roller Company

Note: We are always looking to provide the clearest possible explanation for Gentle Roller users to get the best out of their machine. If you find spelling or grammar errors, or if you find any section in this document confusing please contact me, philip@gentleroller.com.au, and I will address your comment and update the booklet accordingly.



Trouble Shooting

<i>Issue</i>	<i>Solution</i>
My Gentle Roller arrived damaged	Contact us: philip@gentleroller.com.au Australia 0439 070 108
The display screen doesn't light up	Check you are plugged in at the wall and the power is on. Check the transformer is fully engaged into the back plug on the Motor Housing. Check the switch is on. (There is no light in the on/off switch.) If the display screen still doesn't work, contact us: philip@gentleroller.com.au Australia 0439 070 108
My motor is grinding or seems under pressure	<p>Remove all rollers or the drum from the Roller Assembly. Remove the four screws connecting the Motor Housing to the Roller Assembly and separate the two assemblies; Run the Motor Housing separate from the Roller Assembly and check the drive spindle is spinning in a smooth manner. If the motor drive spindle is wobbling or not uniform, then contact us: philip@gentleroller.com.au Australia 0439 070 108</p> <p>If the spindle moves okay, turn off the power. Reconnect the Motor Housing to the Roller Assembly. DO NOT overtighten the 4 screws. Relocate the hex drive key onto the motor spindle in the centre hole of the end plate. It should push on and leave approximately a 2mm gap between the aluminium hex drive plate (orange) and the blue aluminium end panel. Before fully tightening the four screws, turn on the motor and test run it to ensure the hex drive plate rotates. If it starts to grind or appears incorrect, contact us: philip@gentleroller.com.au Australia 0439 070 108</p> <p>Tighten the four screws, bit by bit, do not tighten one screw fully and then another. Work your way around the four screws tightening each a little at a time until they are all tight. Start the motor again. If it starts to grind or appears incorrect, contact us: philip@gentleroller.com.au Australia 0439 070 108</p>