

Coirbuster Industrial Operation Manual

Operations:

Automatic Mode

Notice....Make sure of proper rotation of Coirbuster and hydration auger, running in the wrong direction can cause serious damage to the machine.

1. Lower the pallet lift gate and load a pallet of 4:1 or 5:1 ratio coir pith blocks. Make sure you load the pallet where the bricks are leaning towards the brick feeder itself. If the bricks are facing outward, a majority of the bricks will fall left and right. You can typically leave a strap about mid ways up on the pallet to help from blocks scattering.
2. Press the Start button on the touch screen panel. The start up process starts in this order:
 1. Hydration Auger turns on 1st.
 2. Coirbuster turns on 2nd after a time delay.
 3. Drum turns on 3rd after a time delay.
 4. Drag Chain turns on 4th after a time delay
3. Once the machine is in full operation, make sure the hydraulic motor is turn on. Depending on pallet height will determine how far to raise the lift gate. On a typical pallet of 220 pieces of 5KG coir blocks, you would raise the lift gate to a 35 degree angle. Once the machine has taken some of the blocks away after a few minutes of running, you can raise the door more. Be sure not to be forcing the blocks inside the machine with the lift gate. This could result in damage to the machine.
4. Once the Coirbuster has processed about 80% of the pallet and the blocks can easily pass under the drums, lower the gate and load a new pallet and start the process over.
5. At no time what so ever should anyone enter the machine while it is running. Always use a lock out / tag out process and have the power shut down before entering the machine.
6. When you want to shut the machine down, simply press the stop button on the touch screen panel. The machine will now start it's shut down process.
 1. Drag Chain and Drums will shut down.
 2. Coirbuster and Water will shut down after a time delay.
 3. Hydration auger will shut down after a time delay.

Manual Mode:

The operator must pay close attention and be extremely careful in this mode. This would be used for maintenance purposes or to jog motors.

If you run the Coirbuster with Coir blocks inside it and the Hydration auger is not on, you will possibly damage the machine as it will be conveying dry Coir to the Hydration auger with no place to go.

Keep all foreign debris out of the Brick Feeder and Coirbuster as this may damage the machine.

The Coirbuster Industrial is manufactured to process dry Coco Coir Pith blocks at a compression ratio of 4:1 and 5:1. If expanded Coir (wet blocks) or a larger compression ratio block is fed into the machine, this may result in damage to the machine.