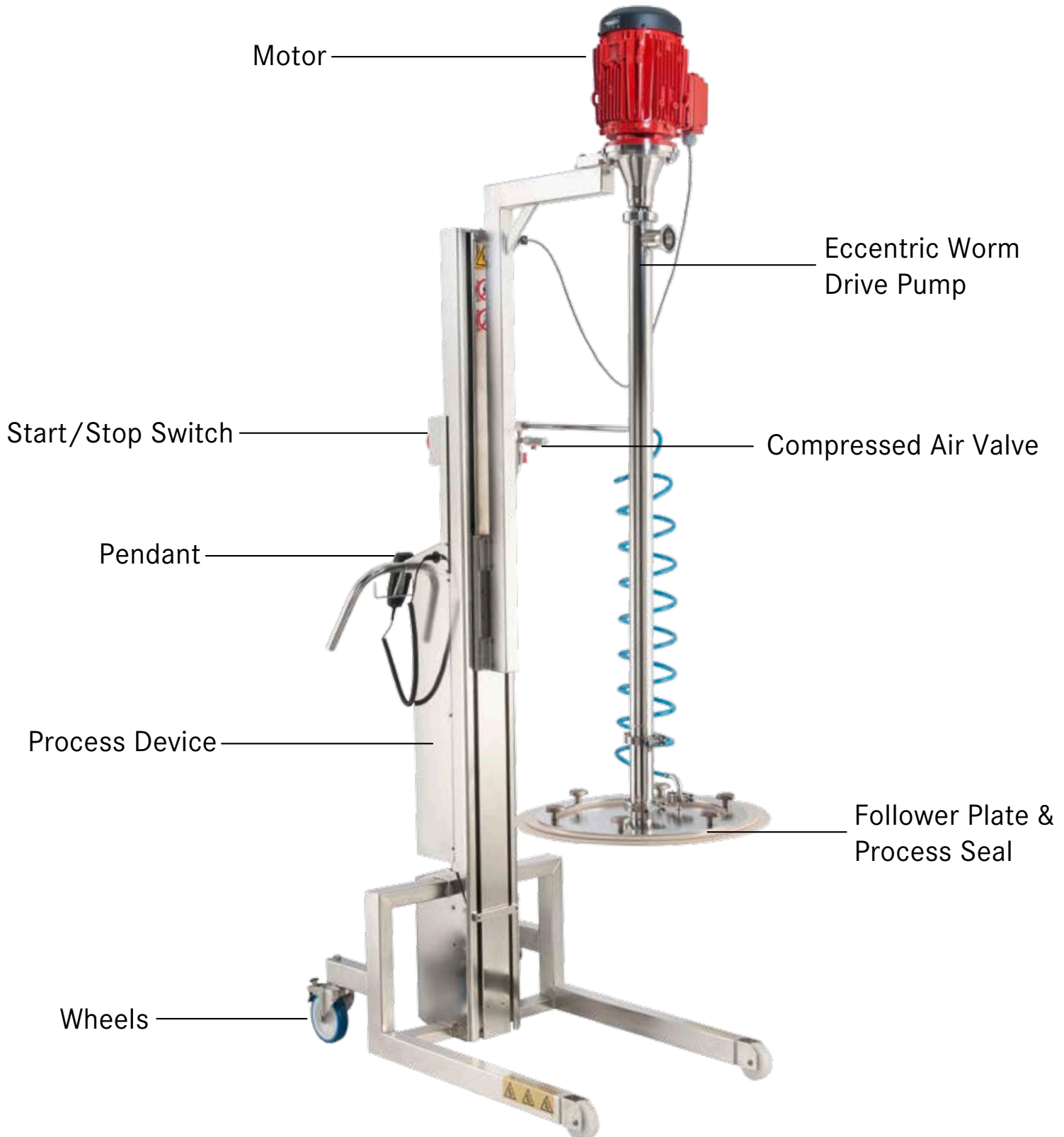


## VISCOFLUX Mobile S System Components



# VISCOFLUX Mobile S Quick Reference Guide

## Tomato Paste Pumping



More than just pumps

1. Ensure that the stator and rotor have been lightly coated with food grade lubricant. Reassemble the pump on the rolling process device. Assemble stator into stator housing taking care the stator is seated properly and the tabs are aligned on both. Assemble stator and stator housing to the bottom of the pump tube. Raise the mast high enough to clear the length of the pump and slide the pump tube up over the rotor and shaft. Prior to making the connection of the pump tube and union nut, lower the mast so the operator can comfortably reach the union nut. Tighten union nut. Assemble follower plate, wiper seal and top plate with hand knobs, and attached to the bottom of the pump tube.
2. Position the rolling device with the pump installed in the location that drum emptying will occur.
3. Attach discharge hose. Be sure both valves on the compressed air header on the rolling device are closed. Attach plant air line to compressed air header on rolling device. Connect "coiled air hose" from compressed air header on device to the smaller sanitary fitting on follower plate. There should be no pressure in the header.
4. Plug in the 460V power cord. If the 120V power cord is not used as a detachable battery charger, plug that cord in as well so that both the 460V and 120V cords are plugged in.
5. Place a drum on the floor in the location that it will be emptied, close to the rolling device. Remove drum lid and retaining ring. Open the inner foil liner and wrap it over the top of the drum all the way around. Replace the retaining ring or tape securely to keep the liner in place.
6. Roll the device to the drum so that when located properly, the drum will be between the legs of the device. When close to the drum, use the hand pendant to raise the pump and follower plate to clear the top of the drum.
7. Roll the device to the drum and slowly lower the follower plate toward the top of the drum with the hand pendant, being careful to keep the follower plate centered over the drum. When close to touching the drum, the wiper seals will overlap the edges of the drum evenly all the way around.
8. When confident the follower plate is centered, lower the follower plate all the way to the top of the drum. When the follower plate stops moving downward, release the hand pendant. Prior to lowering the follower plate into the drum, open the vent valve on the compressed air header. This will allow the air that is trapped between the product and the follower plate to escape and the follower plate will drop a few inches as the air is released. It may take some assistance to help the follower plate drop by pushing down on the plate manually or with the pendant.
9. When the follower plate is resting on the product, close the purge valve in the compressed air header. The pump can now be energized at the main switch and the follower plate will drop down as the drum is emptied. The flow is controlled by turning off and on the main switch.
10. When the drum is empty, the pump will make a different sound and flow from the discharge hose will cease. When this occurs, turn off the main switch so the motor stops running. Follower plate will adhere to the bottom of the drum so it is not possible to lift the pump out of the drum with the hand pendant because the drum will come with it.
11. To remove the follower plate from the drum, slowly open the main valve in the compressed air header. This will pressurize the area in the drum between the follower plate and the drum bottom, and lift the follower plate out of the drum. This is accomplished using air pressure only.
12. When the follower plate is near the top of the drum, turn the air down to slow the ascent. Go slowly from this point until one edge of the wiper seal "pops" out of the drum. Then turn the air off to the compressed air header and use the hand pendant to raise and lower the pump and follower plate.
13. There may be some product adhering to the bottom of the plate. This material can be removed back to the drum liner. The entire liner can then be removed and the product inside reclaimed into another drum.
14. At this point the filling process starts over again starting with step 5 above. Alternatively, the emptying process may be over and the device may be removed for cleaning and sanitation. <sup>1</sup>
15. Plug in 120V cord to charge battery overnight.

### Notes:

<sup>1</sup> Place these items on a clean surface when removing from the drum. Make sure they are stable so as to not fall or get knocked over. Protect motors and gearboxes from water when necessary.

### Precautions:

1. Do not run the pump dry. If follower plate stops while motor is running, turn off and check for the problem.
2. Only turn the power switch when you want to pump.
3. Only turn on compressed when ready to raise follower plate after the drum is empty (when used with electric motor).
4. Do not pump against a closed discharge.
5. Do not hose down the motor – wipe to clean
6. Do not CIP the pump bearing housing
7. When reassembling the mechanical seal, be sure the pin in the centering washer aligns with the slot in the seal sleeve.

[Click for Operation Manual](#)



**FLUX PUMPS CORPORATION**  
300 Townpark Drive, Suite 130  
Kennesaw, GA 30144, USA  
Phone 800-367-3589  
info@fluxpumpsusa.com  
www.fluxpumpsusa.com