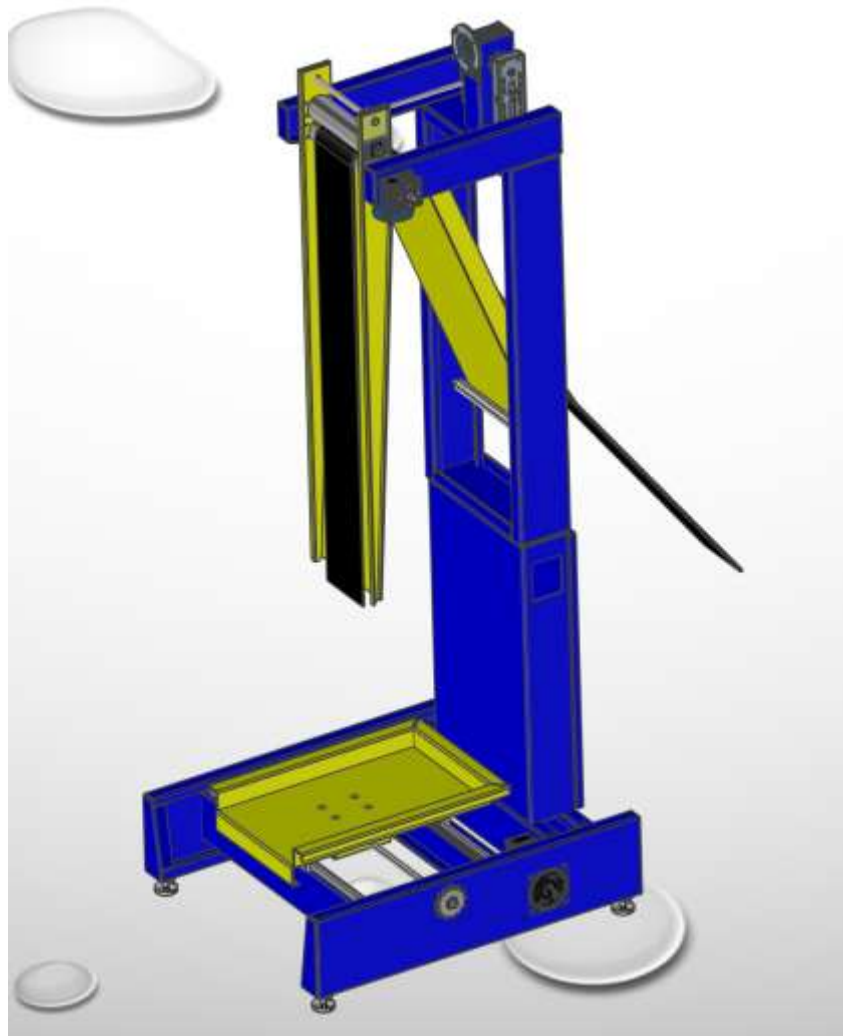


Festoon/Piddler

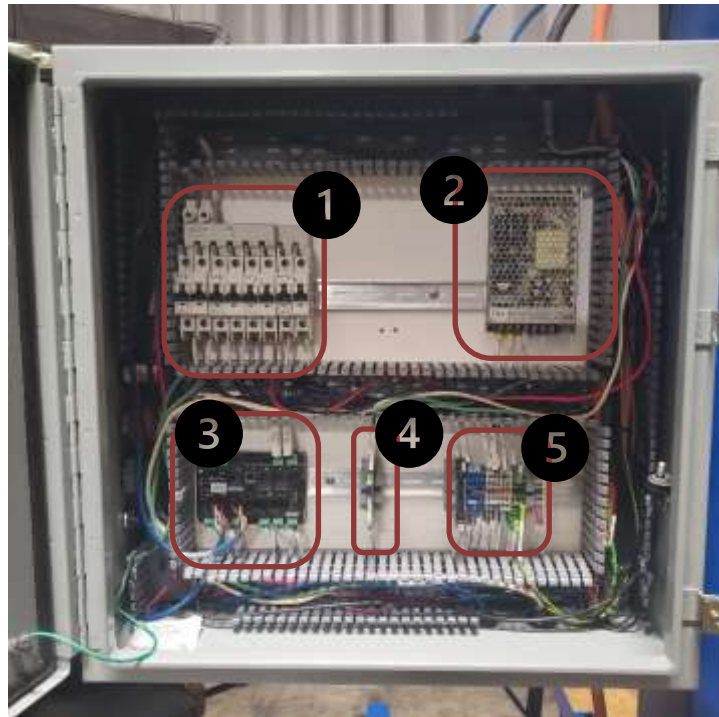
MANUAL



Slipstream

Control Panel

Parts



- 1) Breakers
 - a. F1 - Motor 1 (Container Position)
 - b. F2 - Motor 2 (Fiber Ramp Position)
 - c. F3 – Motor 3 (Pinch Roller)
- 2) 24V Power Supply
- 3) ClearCore MicroController
- 4) 24V Relay – Motor 3 Enable
- 5) Fuses and Terminals – 24V

How to Start Machine

1. Plug machine in.
2. Clear machine of any obstacles and hazards.
3. Press Green Start Button

WARNING! MOVEMENT! Machine will home the container motor.

How to Pause Machine

1. Press and hold the black Pause button.
2. To continue, Press the Green Start button.

Pinch Roller Speed Adjustment

Use the bottom knob (labeled “Pinch Roller Speed” on the control panel to adjust the pinch roller speed.

Ramp Back and Forth Speed Adjustment

Use the knob located inside of the panel to the right (labeled “Ramp Speed” to adjust the pinch roller speed.

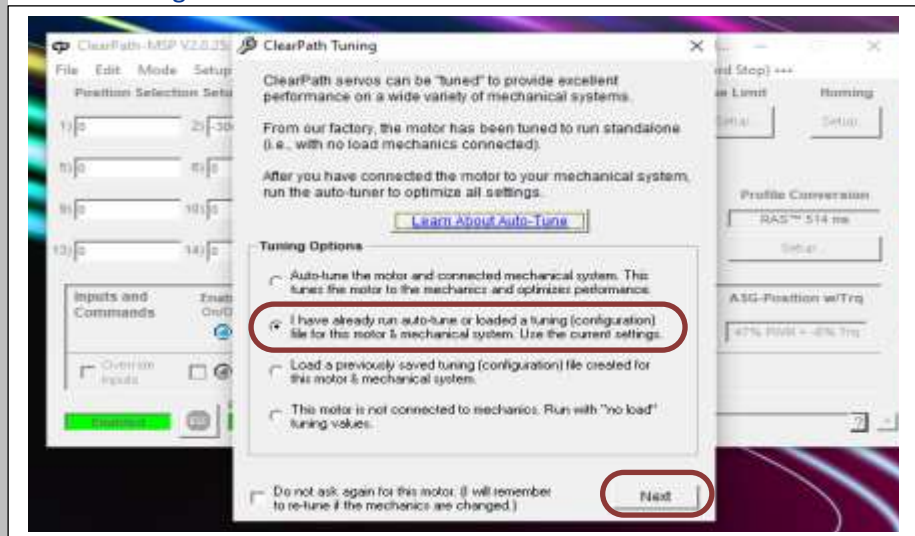
Container Speed and Position Adjustment and Settings

1. Download and Install MSP Software from Teknic:

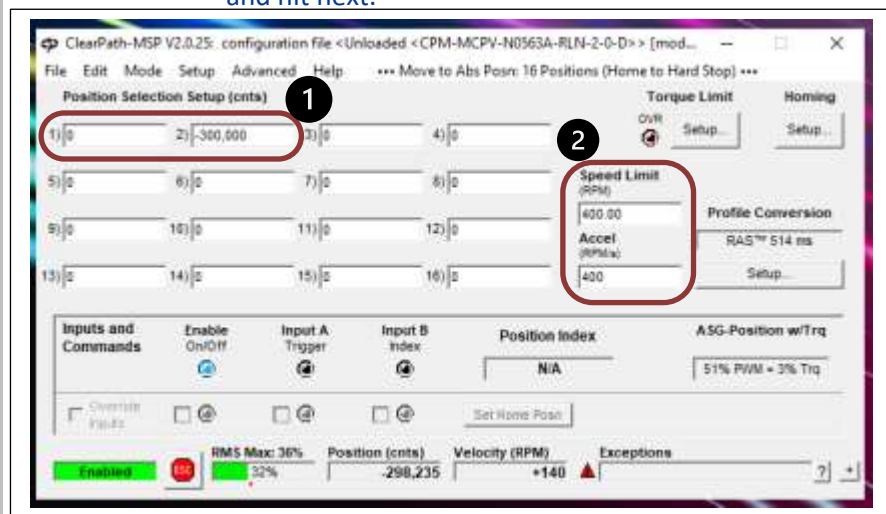
https://teknico.com/files/downloads/motor_setup.zip

(Requires Teknic registration.)

2. Open MSP software.
3. Plug USB into motor.



4. MSP Software will automatically connect and open settings.
 - a. Make sure "I have already run auto-tune" is selected and hit next.



5. Position is adjusted by adjusting the "counts". 1 Position 1 and Position 2 are the ends of the movement.
2 Speed and Accel settings. Changed settings are saved automatically.

Note: 18000 counts are ~1-2 inch

Change ClearCore Program

Resources

1. Download Arduino Software from Teknic:
https://teknic.com/files/downloads/ClearCore_Arduino_Wrapper_Installer.zip
(Requires Teknic free registration.)
2. Install Software and choose “yes” when asked to install Arduino software.
Installation guide:
https://www.teknic.com/files/downloads/manual_install_instructions_arduino.pdf
3. Open Festoon File in Arduino IDE.
4. Once changes are made, verify and fix program.
5. Plug USB into ClearCore and Upload.

Servo Manual:

https://www.teknic.com/files/downloads/ac_clearpath-mc-sd_manual.pdf

ClearCore Manual:

https://teknic.com/files/downloads/clearcore_user_manual.pdf