

WINTECH SERVO BAGGING MACHINE OPERATION MANUAL

AB Panel View 300 Screen Descriptions, & Functions

MAIN SCREEN = This is the first screen that appears when the power is first applied. It is also the operation screen.

1. **STATUS BAR** At the top of the screen is an area that displays the current status of the system.
2. **BAGS PER MINUTE** This field displays the average number of bags ran per minute. It is an average based on the last 16 bags ran.
3. **TOTAL BAGS RAN** This field displays the number of bags ran since it was reset using the **F7** button. It also resets itself at 30,000.
4. **F1 – POWER ON** Pressing this key turns the power **ON**, and resets any faults with the servo system.
5. **F2 – POWER OFF** Pressing this key turns the power **OFF**, and stops all motion.
6. **F3 – AUTO ON** Pressing this key starts the system in auto mode. Upon starting auto mode, the system will home itself and then request product from the scale.
7. **F4 – AUTO OFF** Pressing this key stops the system from auto mode.
8. **F5 - TIMERS** Accesses the timer screen.
Password: 123
6. **F6 – MAINT** Accesses the maintenance screen.
Password: 523
7. **F7 – RST COUNT** Resets the TOTAL BAGS RAN counter.

MAINT SCREEN = This screen accesses the maintenance functions.

- 1. F1 – MANUAL INDEX** Causes the unit to index once to the next station. Does not check the bypass e-stops.
- 2. F2 – JOG** Causes the unit to rotate non-stop as long as the button is held. After **JOG** has been used, press **F4** to define home position.
- 3. F3 - MULTI INDEX DISABLED** Causes the unit to index non-stop until button is pressed again. The word **DISABLED** changes to **ENABLED** and the bypass e-stops are ignored.
- 4. F4 – TEST DEFINE HOME** Causes the unit to home itself. Used in conjunction with the **HOME OFFSET**.
- 5. F5 – I/O DIAGNOSTIC** Goes to the display screen to show which bypass e-stop inputs are active/inactive.
- 5. F6 – SECURITY** Accesses the screen that allows the passwords to be changed.
- 6. F7 – HOME OFFSET** Allows for adjustment of the home position.
- 7. F8 – RETURN** Returns to the previous screen.

SECURITY SCREEN = This screen allows for the changing of the passwords.

- 1. F1 - #####** This space will initially be blank. By pressing the F1 button it will cycle through the list of operators that are set up. The ones that are used are OPERATOR, MAINTENCE and MASTER. The ones with the word OPERATOR and a number are not used. The operator allows access to the TIMER screen and the SECURITY screen.
- 2. F2 – NEW PASSWORD** This button is used to change the password of the user that is listed by F1 above. A user can only change the password for the level that they are logged into, or lower.
- 3. F3 – VERIFY PASSWORD** After a password is changed it has to be verified in order to go into effect.
- 4. F8 – RETURN** Returns to the previous screen

There is currently 3 accounts used on the system.

- 1. OPERATOR** This level allows the timers to be changed.
- 2. MAINTENCE** This allows access to the maintenance screen and the timers screen.
- 3. MASTER** This allows access to the maintenance screen, timers screen, and password reset function.

CHANGING TIMER VALUES

- 1.** To change the value of a timer, press the button for the timer.
- 2.** Enter the new value. The minimum and maximum allowed value will be displayed. The value is in .001 second increments, 50 would be .5 seconds.
- 3.** Press the enter key.

ERROR CODES

To reset any error code press the F1 – POWER ON button, then press the F3 – AUTO ON. This will reset the error and put the system back into cycle.

- **SERVO FAULT** – The servo motor/drive has encountered a problem. Chute has jammed, encoder or motor leads have been damaged.
- **AUTO MODE IS OFF** – The power is on but the system is not in auto mode.
- **ALL STATIONS DISABLED** – All the e-stops for the stations are pushed in, the system will stop on the last station and wait for the station e-stops to be pulled out.
- **WAITING FOR SCALE** – The scale has taken too long to dump product to the Wintech.
- **SYSTEM IS CYCLEING** – The system is running normally.
- **HOMING IN PROCESS** – The unit is in the process of homing itself. Once it finds home, station 1, it will request product from the scale.
- **HOME ERROR** – While the system was in the process of homing, it was unable to find the home proximity sensor.

Some reasons could include:

Chute jammed, loose shaft coupling, shaft key missing, servo motor set screw loose, proximity sensor out of position or damaged, failed proximity sensor, etc.

It will try and find home for 8 seconds and then error.