

Technical Data Sheet

1650 Automatic Washout System

Dedicated 20 AMP 208/240VAC 50/60Hz Single Phase
Dimensions: 33"D x 42"W x 63"H
Weight: 545 lbs

Setup

Requirements:

1. Warm water supply with a temperature between 105° and 125°. We recommend using an "on-demand" water heating system, example see: www.noritz.com
2. 1½" PVC drain
Recommended: Use flexible 1 ½" PVC Connector for drainage hook up.
3. Inlet (water) ball valve for On/Off water control needs to be connected to the water source using 4-6ft of high-pressure hose, Inlet is ¾" Female Garden Hose Tread
4. Recommended: Service Disconnect is GFIC equipped (Ground Fault Circuit Interrupter).
5. Washout System should be moveable to service rear of machine when necessary.

Note:

Electronic solenoid water float valve will stop the inlet water when tank is full. Inlet ball valve should be OFF when not in use, however, never operate the machine with the water inlet in the OFF position, as the solenoid valve will stay energized and burn out resulting in overflowing of the holding tank.

Operation

1. Turn on "MAIN" Power switch to "ON".
Note: Main power switch controls all power functions to Washout System. Never operate Washout System with the water inlet off.
2. RUN/PAUSE switch must be in RUN mode to initiate power to machine.
3. Set wash cycle "TIMER". The timer has several program setting, with several choices to adjust washing times. (Washing times vary on density of printed image, material thickness and water temperature)
Suggested wash time setting:
3Mil = 35 – 45 seconds
4Mil = 45 – 55 seconds
5Mil = 55 – 65 seconds
4. Place resist film across the circumference of the wash drum dull side up, using 1" magnet strip. Place ¼" of the magnet on top and bottom of resist.

At the end of each day, turn "POWER" switch to "OFF" and "CLOSE" the water inlet ball valve.

Control Panel Components

Electrical, Fuse and Timer diagrams are located inside control panel door

"POWER" switch: "ON/OFF" (green lamp illuminates when on)

"RUN/PAUSE" switch: (amber lamp during cycle) when in "RUN" mode the Washout System will start a cycle. If it is necessary to pause a cycle, flip the switch to "PAUSE". While in "PAUSE" the wash cycle and timer will stop until released in "RUN" mode. To reset the timer to the original time setting turn the POWER switch "OFF/ON".

"CYCLE" button: press the button to activate a wash cycle

“HAND SPRAYER” switch: “ON/OFF” (amber lamp when on), press thumb trigger to start flow, switch can be left on, and will only operate trigger is activated.

“TIMER” Program Setting: MODE = D / RANGE = 10S (1/10 of minute)

Timer Ranges changed to 4 different timer settings by adjusting the center slot adjustment:

1-10 second, 3-30 seconds, 6-60 seconds and 1.8-180 seconds

Parts List

1. 8006 V-jet wash nozzles
2. 1” magnets

Maintenance

Daily: Clean wash drum, wash housing and drainage tray using mild non abrasive cleanser and non abrasive sponge

Daily: Run two-three cycles a day to avoid any residual material from drying to wash housing, drum or drainage tray.

Daily: Inspect the wash nozzles to insure nozzles are not clogged or spraying improperly.

As needed:

Remove and clean the washing nozzles using hard water deposit cleaner and bristle brush.

Above the ¾” Female Garden Hose waster inlet is a 13/16” nut which houses a mesh filter that should be removed and cleaned or check for mineral deposits.

Note: When servicing the washing nozzles, or freeing a clogged nozzle, remove the nozzle and blow or rinse debris free, **do not** push anything through the office, as this could result in damage the spray pattern.

Wash Nozzles should **not be** lined up straight, but positioned approximately 30 degrees offset from horizontal.

Wash Nozzles should be replaced annually as the high pressure will distort nozzle’s orifice, result in poor spray efficiency, and increase overall GPM.

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