STANDARD FEATURES

- Reduces waste volume up to 88%.
- Appropriate to handle foodservice waste from schools, hospitals, clubs, fast food service, commercial restaurants, commissaries, airline-in-flight kitchens, or confidential document destruction.
- Squeezes waste slurry, returns water to pulper for re-use, discharges a semi-dry pulp.
- Stainless steel screw, screen and housing.
- 6" diameter gear-driven helical screw with attached nylon brush mounted within perforated cylindrical screen.
- Helical screw and screen assembly removable without disconnecting slurry or return water piping.
- Stainless steel wiper plates control pulp moisture content.
- Chemical pump standard.
- Stainless steel, removable access covers.
- 3 H.P. foot-mounted, totally enclosed, fan-cooled waterpress motor.
- 5 H.P. foot-mounted, totally enclosed, fan-cooled return pump motor.
- UL508 listed, prewired NEMA 4 stainless steel electrical control panel. Field mounted.
- Programmable logic controls.
- Control panel door handle interlock; hinged waterpress cover electrical interlock.
- Electrical specifications:
  - 200/60/3
  - 230/60/3
  - 460/60/3

OPTIONS

- Chute extension, for through the wall discharge.
- Auxiliary base for elevating waterpress.
- Heated chute.
- Flush mounted control panel.
- Buss communication.
- Pulp level detector.

MODEL

- WP-6 – Waterpress

Specifications, Details and Dimensions on Reverse Side.
SPECIFICATIONS

WATERPRESS: For squeezing slurry and pumping return water to pulper for re-use, and discharging a semi-dry pulp. Designed to permit removal of helical screw and screen assembly without disconnecting slurry or return water piping.

WATERPRESS MOTOR: 3 H.P., foot mounted, totally enclosed, fan cooled.

RETURN PUMP MOTOR: 5 H.P., heavy duty, foot mounted, totally enclosed, fan cooled. 5 H.P. return pump motor standard, other H.P. available.

RETURN PUMP SET: Includes motor, with stainless steel impeller and mechanical seal to protect stainless steel drive shaft.

Standard pump capable of pumping return water 300 feet horizontally and 15 feet vertically. Depending upon equipment location, pump and motor horsepower may vary from standard.

CONTROLS: Listed, UL508 industrial control panel. Prewired NEMA 4 electrical control panel. Field mounted. Control panel contains a main circuit breaker interlocked with panel door handle and magnetic type nominal 115 volt controls. Panel to include circuit breakers, magnetic starters, and individual three leg thermal overload protection for each motor.

An electrical interlock is provided to keep the equipment from operating, or to turn off the equipment if the hinged cover on the discharge chute is raised.

WATERPRESS ASSEMBLY: Includes a stainless steel shell, 6 inch diameter gear driven helical screw with attached nylon brush mounted within a perforated cylindrical screen, stainless steel wiper plates to control moisture content of pulp, slurry inlet connection, return water outlet connection and overflow connection. Stainless steel access cover and removable access door included to facilitate cleaning and maintenance.

DISCHARGE HOUSING: Stainless steel, contains gear reducer driven by the 5 H.P. drive motor. Includes stainless steel discharge chute.

WATERPRESS BASE: Structural base consists of tubular steel members with stainless steel flanged feet. Base to support waterpress assembly, discharge housing and return pump set.

VALVES: Motorized and manual 1 1/2 inch NPT ball valves for system “Pump-Down.” Field mounted.

DETAILS AND DIMENSIONS

PLUMBING NOTES
1. CUSTOMER TO PROVIDE ALL INTERCONNECTING SLURRY AND RETURN PUMPING FROM WATERPRESS TO PULPER, ALONG WITH ALL Piping, Etc. TO SUPPORT WATERPRESS AND ORIENTATION.

RECOMMENDED INSTALLING PUMPING TO THE PULPER IS AT 45 DEGREES TO THE PRINTING PULPER. WATERPRESS IS TO BE INSTALLED IN A horizontal SLUDGE or WATER OUTLET.

2. RECOMMENDED INTERCONNECTING PUMPING TO BE INSTALLED BETWEEN WATERPRESS AND PULPER.

3. TITANIUM SLURRY PIPING AND RETURN PIPING BETWEEN WATERPRESS AND PULPER.

4. ALL CONNECTIONS IN SLURRY AND RETURN LINES MUST BE 2 1/2 INCH NPT FITTINGS.

5. RETURN PUMP SET INCLUDES MOTOR, WITH STAINLESS STEEL IMPELLER AND MECHANICAL SEAL TO PROTECT STAINLESS STEEL DRIVE SHAFT.

RETURN PUMP SET: Includes motor, with stainless steel impeller and mechanical seal to protect stainless steel drive shaft.

Standard pump capable of pumping return water 300 feet horizontally and 15 feet vertically. Depending upon equipment location, pump and motor horsepower may vary from standard.

CONTROLS: Listed, UL508 industrial control panel. Prewired NEMA 4 electrical control panel. Field mounted. Control panel contains a main circuit breaker interlocked with panel door handle and magnetic type nominal 115 volt controls. Panel to include circuit breakers, magnetic starters, and individual three leg thermal overload protection for each motor.

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VALVES: Motorized and manual 1 1/2 inch NPT ball valves for system “Pump-Down.” Field mounted.