

Prewash Module:

14" (36cm) section

Vee Jets staggered nozzles, 2 upper and 2 lower spray manifolds

Valve switching to divert pre-wash to drain or wash sump

Heated Recirculating Wash Module:

48" (122cm) section

Vee Jets staggered nozzles, 4 upper and 4 lower spray manifolds

80 Gallon (303 liter) sump tank with slanted bottom for efficient draining

Two (2) 16 kW (total 23 kW) immersion heaters

Over temp safety circuits

Automatic fill and drain brass solenoid valves

Easy access to catch screen, pump inlet filters, float switches, and heaters

Slide out tank collection screen and pump inlet filters

Pre-plumbed to accept Hurricane Jet upgrade

Chemical Isolation (DRAG-OUT) Module:

36" (91 cm) dwell zone

Heated Recirculating Rinse Module:

48" (122 cm) section

Vee Jets staggered nozzles, 4 upper and 4 lower spray manifolds

50 Gallon (189 liter) sump tank with slanted bottom for efficient draining

Two (2) 16 kW (total 23 kW) immersion heaters

Over temp safety circuits

Heavy duty stainless steel tank lid with gasket seal

Automatic fill and drain brass solenoid valves

Easy access to catch screen, pump inlet filters, float switches, and heaters

Slide out tank collection screen and pump inlet filters

Pre-plumbed to accept Hurricane Jet upgrade

Final Rinse Module:

17" (43cm) section

Vee Jets staggered nozzles, 2 upper and 2 lower spray manifolds

Upper and lower stainless steel manifold control valves

Torrid Zone:

90.7" (230.9 cm) Total dryer section

Temperature monitors: 3 via thermocouple sensors, Provides LCD readout on operator control panel

Final dryer module incorporates exit end enclosure: exit end enclosure width

(474.5mm or 18.68"), Sound dampening padding and storage compartment
Blower Drying Station #1: 15 HP Direct Drive Blower, 14.158 m³/min @ 101.6 cm H₂O (500 scfm @ 40" H₂O), Temp up to 127C (260F)
Blower Drying Station 2A and 2B: 3 HP Direct drive blowers, 2 x 6kW heaters in each convection zone (total of 4), variable output from 14.158 m³/min to 56.63 m³/min @ 7.62 cm. H₂O (500 to 2000 scfm @ 3" H₂O), Separate blower fail detect pressure sensors in each zone, separate zone drying temp up to 140 C (300F)

Conveyor Module:

20" (51 cm) width stainless steel mesh belt
Conveyor tensioning with safety clutch
Closed loop conveyor speed control via computer
1/8 HP 90V DC motor

System Controls:

System functions computer controlled
Noise suppression package < 80 dba at the exit end of the machine
Custom operator keypad and multi-line LCD display with LED bar graphs
Temp controls via internal PC and thermocouple sensors
Liquid level tank height sensors displayed on control panel
Programmable process set point alarms
Emergency stop controls
Motor overload protection on pumps and blowers
High/low water level protection alarms
Auto start 7 day programming timer
Open function keys for future expandability
Emergency condition source identification
Front mounted stainless steel pressure gauges for all wet sections
High temp shut-off switches in wash and dryer sections

Plumbing, frame and enclosures:

UL marked
Stainless Steel plumbing with "Kwik Clamps" for wash, rinse and fill lines
Single point utility connections
1 x 10" exhaust stack
2 x 10" exhaust stacks
Gravity cascade
Triple welded polypropylene liquid tanks
CPVC drain plumbing
Over spray protection on wet modules
Painted cold rolled steel, and stainless steel with tubular steel frame

Scratch inhibiting textured gray polypropylene construction
Hinged tempered glass viewing windows and splash shields
Front and rear removable covers

Power Specifications: 480V, 3 phase, 50/60hz

Machine Dimensions~: 7333mm (287") x 1518mm (60") x 1302mm (51")