



# HydroPulse® HP3038



# GOFF®

*“Blasting Solutions”*

## WATER BLAST DEGREASING & WASHING Features

Continuous Production

(3-4) 5 HP Direct Drive Water Wheels

Self Cleaning Tank

Multiple Indexing

Gas Fired Heater

100 Lb. Hook Capacity

Detergent Optional

Machine Warranty

No High Pressure Pumps

No Spray Nozzles

No Doors to Open & Close

No Waiting to Load or Unload

# SPECIFICATIONS—HP3038

## EQUIPMENT DIMENSIONS

Width	8'5"
Length	7'11"
Height	9'1"

### WATER BLAST UNIT

**WHEEL:** Three water wheel units (Standard). The direct drive water wheel rotates at 1750 RPM for maximum water velocity. 14" diameter wheel units are fabricated of stainless steel with six openings 2" long x 1" wide.

**WHEEL HOUSING:** Fabricated from 1/4" steel plate.

**CONTROL NOZZLE:** Adjustable for pattern control to direct cleaning areas.

### BLAST CHAMBER CONSTRUCTION

**WORK HANDLING:** Three chambered drum constructed of stainless steel inner panels, steel top, bottom and outer panels.

**DRUM DRIVE:** Exterior mounted C-face motor and gear reducer powers a chain and sprocket drive. Torque limiting is provided between drum shaft and final sprocket for jam protection. Adjustable stops on chamber top working in conjunction with automatic electrical switching provide variable indexing. Number of index stops variable from one to three per chamber.

**HOOK SPINDLE:** Continual rotation of hook spindle during blasting operation provides full exposure of parts to the blast pattern.

**HOOK SPINDLE CAPACITY:** 100 lbs. per hook.

**HOOK SPINDLE SPEED:** 9 RPM

**WORK HANDLING SYSTEM:** Maximum area provided for material to be cleaned is 30" diameter x 38" long.

### CABINET CONSTRUCTION

**CABINET:** Constructed of 1/4" steel plate with 12 ga. Removable front panels sealed with neoprene for leak and noise control

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**PUMPS:** Vertical centrifugal sump pump is seal less and all cast iron constructed with direct coupled T.E.F.C. **PIPING**

**PIPING FROM PUMP TO WHEEL:** is schedule 40 steel with oil resistant, high temperature rubber hose at wheel connection. Hose allows for ease of maintenance and adjustments of blast pattern.

### TANK CONSTRUCTION

**TANK:** Constructed of 1/4" steel plate formed and welded. No bottom drains insure against accidental spills and improper discharge of tank contents. The tank is insulated with 1" foam sheets and 16 gauge cover panel. Tank capacity is 250 gallons.

**DRAG CONVEYOR:** Constructed of 1/4" steel with chain link and synthetic blades continually dragging the bottom of tank move solids to the outside of the tank. They conveyor is driven by a 1/3 HP motor moving at approximately 2-1/2 feet per minute.

**HEATER BURNER:** A self ignition safety blower burner is used for water heating. Twin thermostat controls offer main temperature control and high limit control. Gas pressure and pilot light are monitored before main gas valve is opened for burner ignition. Makeup water is automatically shut off when burner is turned off. Burner is 300K BTU

**FIRE TUBE:** A welded and pressure tested tube channels and transfers heat to water within the tank. System is very efficient with minimum heat loss.

**OPTIONAL SEPARATOR SYSTEM:** is a closed loop design and is operated continuously to remove solids from tank area before they accumulate and generate erosion in the washer. A waste hopper is installed below the separator to collect solids. Solids are removed from separator through a valve and into a waste container for easy disposal.

**OIL SKIMMER:** Fabricated from 1/4" steel with 14" skimmer wheel direct driven by a 1/20 HP motor at 2 RPM. The wheel is continually wiped clean with synthetic wipers depositing the oils and lights in a separate container for disposal.

### ELECTRIC MOTORS

All motors are TEFC ball bearing 230/460 volts, 3 phase.

*Specifications subject to change without notice.*

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