bi-line® SYSTEMS

Project _____
Item No. _____
Quantity _____

Vortex Pro

Wash System with Chemical Pump

STANDARD FEATURES

- Automatic chemical pump
- Factory authorized startup
- Type 304 polished stainless steel construction
- 14 gauge stainless tanks and drain boards
- 9-1/2" high x 2-1/2" deep back splash
- Twist handle drains
- Stainless steel legs and cross rails
- Stainless steel adjustable bullet feet
- Stainless steel pump and impeller
- Rear discharge
- Removable strainer plates
- Fully enclosed wash pump motor with permanently sealed bearings, 2 Hp for single phase and 3 Hp for three phase
- Motor overload protection, manual reset
- Low water protection for wash pump motor
- 5,000 watt wash tank heater
- 1 year parts and labor on pumps and control panel

SPECIFIER STATEMENT

Specified unit will be Bi-Line Vortex Wash System. Features (1) 3 Hp wash pump motor, intuitive control system, stainless steel pump and impeller.

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Rev. 02/2026 Printed in U.S.A.

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Champion® INTEGRATED SYSTEMS

Vortex Pro

Wash System with Chemical Pump

OPTIONS & ACCESSORIES

- ☐ Utensil basket
- ☐ Folding wash tank cover
- ☐ Rinse tank cover
- ☐ Sanitize tank cover
- ☐ Sheet pan racking system
- ☐ 1/2″ pre-rinse sprayer
- ☐ 3/4″ fill faucet
- ☐ Flanged seismic feet
- ☐ Direction from soiled to clean end (select one)
  - ☐ Left to right
  - ☐ Right to left

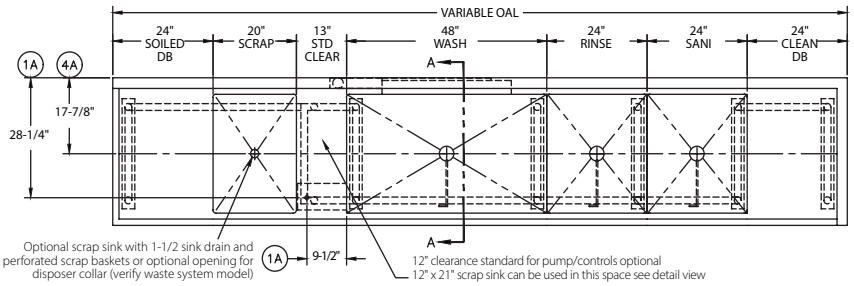
Note: 3 Hp available in 3 phase; 2 Hp available in single phase

Warning: Plumbing and electrical connection should be made by qualified personnel who will observe all the applicable plumbing, sanitation, and safety codes and the National Electrical Code.

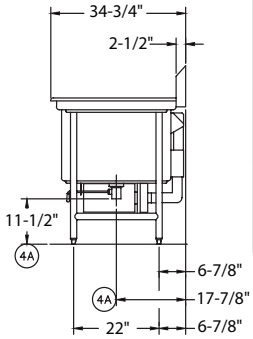
Champion does not endorse using on-demand (tankless) water heating systems, as well as PEX and other plumbing materials that may limit water flow, as these could impair machine performance. For optimal results, we recommend using appropriately sized conventional hot water tanks and standard copper water supply lines that adhere to our specifications. Not following these recommendations may void the manufacturer's warranty.

Water hardness of 3 grains/US Gal (0.83 Imp Gal) - 5.3 Mg/L or less

TOP VIEW



SIDE VIEW



UTILITIES

1	**Electrical** (see box)
2	**Hot Water** 3/4" NPT connection for mixing faucet. 1/2" NPT connection for pre-rinse sprayer.
3	**Cold Water** 3/4" NPT connection for mixing faucet. 1/2" NPT connection for pre-rinse sprayer.
4	**Drain** A. Sink drains, 2" NPT B. Scrapper drain, 1-1/2" NPT (25-5/8" AFF)

VORTEX WASH SYSTEM – 5KW TANK HEAT

Electrical Specifications	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208/60/1	37	50	50
240/60/1	33	45	45
208/60/3	23	30	30
240/60/3	21	30	30
480/60/3	11	15	15

VORTEX WASH SYSTEM – NO HEAT

Electrical Specifications	Rated Amps	Minimum Supply Circuit Ampacity	Maximum Overcurrent Protective Device
208/60/1	13	20	20
240/60/1	33	45	45
208/60/3	9	15	15
240/60/3	9	15	15
480/60/3	5	15	15

SPECIFICATIONS

Motor (single phase)	1 x 2 Hp
(three phase)	1 x 3 Hp
Power requirements	(see charts)
Direction of operation	R-L or L-R
Wash water heater	5kW

A – Edge Type
- ☐ 1-1/2" Hemmed
- ☐ 2-1/2" Splash

B – Drain Board
By nominal inch
- ☐ 12"
- ☐ 18"
- ☐ 20"
- ☐ 24"
- ☐ 36"
- ☐ 42"
- ☐ 48"
- ☐ 54"
- ☐ 60"
- ☐ with Disposer Collar

C – Scrap Sink
- ☐ 12″
- ☐ 18″
- ☐ 24″

Custom
- ☐ with Scrap Basket

D – Wash Tank
- ☐ 36″
- ☐ 42″
- ☐ 48″
- ☐ 54″
- ☐ 60″
- ☐ 66″

D – Options
- ☐ Utensil Basket
- ☐ Sheet Pan Racking System

E – Rinse Sink
- ☐ Omit
- ☐ 20″
- ☐ 24″
- ☐ 36″

F – Sanitizer Sink
- ☐ Omit
- ☐ 20″
- ☐ 24″
- ☐ 36″

G – Drain Board
- ☐ Omit
- ☐ 12"
- ☐ 18"
- ☐ 20"
- ☐ 24"
- ☐ 36"
- ☐ 42"
- ☐ 48"
- ☐ 54"
- ☐ 60"

H – Edge Type
- ☐ 1-1/2" Hemmed
- ☐ 2-1/2" Splash

Due to an ongoing value analysis program at Bi-Line, specifications contained in this catalog are subject to change without notice.

Contact factory for custom design layout

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