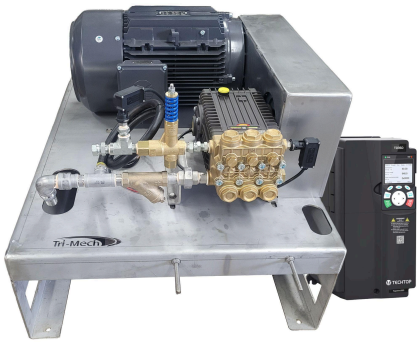




PRODUCT SPECIFICATION SHEET

Cyclone Power Washer VFD Units

The **Cyclone VFD pressure washers** built by Tri-Mech are designed to efficiently flush away caked-on dirt, mud, and heavy debris. This unit delivers high-performance cleaning ideal for agricultural, commercial, and industrial applications. Featuring a smart Auto Start/Timed Off system, it maximizes pump lifespan and saves energy by automatically shutting down when the trigger is released and restarting upon use. The Variable Frequency Drive allows for multiple users at the same time while gradually speeding up or

slowing down the motor to exactly match the water demand. The VFD is able to convert single phase power supply into three phase power to the motor allowing adaptability for most locations.

Standard Equipment & Accessories Included

- **High-Pressure Hose:** 50 feet of premium high-pressure hose.
- **Spray Gun:** Industrial-grade insulated trigger gun assembly.
- **Lance / Wand:** Heavy-duty lance with nozzle.

Key Features & Benefits

- **Auto Start / Timed Off Automation:** Prevents heat build-up inside the pump by timing out the motor when the gun is not in use. This protects the seals and avoids catastrophic pump failure from continuous bypass running.
- **High Flow Efficiency:** Blending up to 2800 PSI with a high 10GPM to 20GPM flow rate ensures rapid flushing action, cutting cleaning times down significantly.

Cyclone Pressure Washer Warranty

- **Coverage Period:** Warranty coverage is for a period of one year on all major components.
- **Operating Conditions:** All warranty coverage is subject to proper installation and usage of equipment as indicated in the installation instructions.
- **Depot Claims:** All warranty claims cover parts and labor at our service depot.
- **On-Site Claims:** For on-site warranty claims, parts and labor are covered for actual time spent on repair, however road time and service call will be charged.
- **Wear Parts Exclusion:** Please note that parts that are considered to be wear parts will not be covered.
 - *Excluded Wear Items Include:* Belts; check valves; chemical injectors; fuel filters; high pressure discharge hose; nozzles; O-rings; quick couplers; packings and seals on wet-end of pump; oil seals, lights, gaskets; trigger guns, wands; water strainers & filters.

Manufacturer Information & Support

This Cyclone unit is supported directly by **Tri-Mech Inc.**, 7877 Wellington Rd 8, Drayton, Ontario, N0G1P0

- **Phone Number:** (519) 638-2836



Technical Specifications

Model Number	SCW20-VFD	SCW30-VFD	SCW40-VFD
Water Temperature	120°F Max Recommended	120°F Max Recommended	120°F Max Recommended
Mobility Configuration	Stationary (Stainless Steel Base)	Stationary (Stainless Steel Base)	Stationary (Stainless Steel Base)
Drive	Belt	Belt	Belt
Motor Power	20 HP	30 HP	40 HP
Voltage	208-240V/ 575V	208-240V/ 575V	208-240V/ 575V
Amperage	46/ 20	70/ 27	104/ 38
Phase	3 phase	3 phase	3 phase
Maximum Pressure	2800 PSI	2800 PSI	2800 PSI
Flow Rate	10 GPM	15 GPM	20 GPM
Control System	VFD- wall mounted	VFD- wall mounted	VFD- wall mounted
Dimensions	Washer- 40"Lx30"Wx27"H. 20HP VFD- 13"Hx9"Wx8"D. 17#	Washer- 40"Lx30"Wx27"H. 30HP VFD- 22"Hx11"Wx13"D. 42#	Washer- 40"Lx30"Wx27"H. 40HP VFD- 22"Hx11"Wx13"D. 66#
Weight	530 LB approx	630 LB approx.	730 LBapprox.

