

JOHN-HENRY

TANK WASH SYSTEM

Super-Mobile Self-Contained



System is comprised of a portable, self contained, skid mounted hot water pressure washer, capable of driving a hydraulically operated spinner at high temperatures (195°F), and pressures up to 1000 psi.



OPTIONAL:

- 2500 Watt Generator/115V System - Add: \$995

PUMP SYSTEM DUAL MODE:

- Hot Water Tank Washer, 8 gpm @ 1000 psi
- Hot Water Pressure Washer 8 gpm @ 3000 psi
- Ceramic Plunger Pump
- Powder Coated Steel, Low-Profile Frame
- Schedule 80 Water Coils
- Stainless Steel Coil Wrap, Burner, Hood, and Control Panel
- 15 Gallon Poly Diesel and Gasoline Fuel Tanks with Filters
- Honda Engine, Electric Start
- Includes 12 volt Deep Cycle Battery
- Self-contained, no external power required

DETERGENT DELIVERY SYSTEM

- Upstream Chemical Suction via Float Tank.



SPINNER SYSTEM

Gamajet 9, Hydraulically Driven, With SS with Dome Lid Adapter, 40ft Teflon Hose, 1/2" SS Wire Braid, Quick Couplers

\$13,995 USD



POWERFUL CLEANING SOLUTIONS

JOHN-HENRY

2813 Richland Ave. • Metairie, LA 70002 • www.john-henry.com • 504.888.8989

JOHN-HENRY

TANK WASH SYSTEM

Super-Mobile Self-Contained High Output



System is comprised of a portable, self contained, skid mounted hot water tank wash system, capable of driving a hydraulically operated spinner at high temperatures (195°F), 20 gpm, pressure up to 800 psi.

OPTIONAL:

- 2500 Watt Generator/115V System - Add: \$995



PUMP SYSTEM

- Hot Water Tank Washer, 20 gpm @ 800 psi
- Hydra-Cell Pump
- Powder Coated Steel, Low-Profile Frame
- Schedule 80 Water Coils
- Stainless Steel Coil Wrap, Burner, Hood, and Control Panel
- 15 Gallon Poly Diesel and Gasoline Fuel Tanks with Filters
- Honda Engine, Electric Start
- Includes 12 volt Deep Cycle Battery
- Self-contained, no external power required

DETERGENT DELIVERY SYSTEM

- Upstream Chemical Suction via Float Tank.
- Pre-heat 100 Gallon Vat



SPINNER SYSTEM

Gamajet 9, Hydraulically Driven, With SS with Dome Lid Adapter, 40ft Teflon Hose, 1/2" SS Wire Braid, Quick Couplers

\$21,995 USD



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TANK WASH SYSTEM

Stationary Integrated Component Wash System



PUMP SYSTEM

- Hot Water Tank Washer, 8 gpm @ 1000 psi
- Hydra-Cell D-10 Pump, 7.5 HP, 230V Motor
Electrical Control for Pump Included
- Diesel Fired Hot-Box for Pump Included
- Stainless Steel Coil Wrap, 115V Burner
- 8 Gallon Diesel Tank

System is comprised of electrical/diesel-fired components capable of driving a hydraulically operated spinner at high temperatures (195°F), 8 gpm, pressure up to 1000 psi.

SPINNER SYSTEM

Gamajet 9, Hydraulically Driven, With SS with Dome Lid Adapter,
40ft x 1/2 Inch Teflon Hose,
1/2" SS Wire Braid, Quick Couplers



DETERGENT DELIVERY SYSTEM

- Upstream Chemical Suction via Float Tank.



\$18,900 USD



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JOHN-HENRY TANK WASH SYSTEM - 40 FT. SEA CONTAINER

Self-Contained



SELF-CONTAINED CLEANING STATION

for Industrial Washing, with 2 Bays, capable of independent operation. 100 Tanks per week minimum powered by a 60KW Diesel Generator and a 20HP Boiler. The Tank Wash utilizes 3 Vats with Dual-Independent Pump Systems and Spinners, Water Conservation/Recycle Equipment and Air Compressor.

OPTIONS

- 2 X 20ft. Containers instead of 40ft.
- Stairs, Overhead Platform, Fall Protection
- Epoxy Flooring



GENERATOR 60KW

- 460 Volt Diesel Generator
- All Electrical Components will be Pre-wired
- All Motor Starters Included
- 2 Soft-Start Controllers for Main Pumps
- Remote Controlled Stations for Overhead Installation

OPTIONS

- Enclosure for Sound Control
- Diesel Day Tank (May be shared with Boiler)
- 75KW and 100KW also available



BOILER

- 20 HP, Diesel Fired
- 115V and 460V, Pre-wired
- Can share Day Tank with Generator
- Includes Condensate Return Tank and Feed Pump

OPTIONS

- 30 - 50HP Available
- Blow Down Separator
- Chemical Treatment Tank/Pump
- Full Skid Integration by Fulton Boiler Available

VATS (not pictured)

- 350 Gallon Converted Stainless Steel IBC's Converted for Steam Use (see attached)



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SPINNER PUMP SYSTEM

- Hydra-Cell D-35, 36 gpm (137 lpm) @ 800 psi (69 bar)
- 30 HP 460v Motor, Fully Plumbed with Bypass to Vats



RETURN PUMP

- Self-Priming 1HP Direct Coupled Pump, for 60V



RECYCLE PUMP SYSTEM

- Hydra-Cell D-10
- 5HP Motor, 460V



HIGH PRESSURE BLOWER

- For Drying Tanks in just Minutes
- 5HP, 460V, Controlled by Remote Elec. Boxes



SPINNERS

- Spraying Systems AA1'90AG 4 ft
- Air Motor Drive
- Teflon / Stainless Steel Wire Braided Hoses
- Stainless Steel Quick Couplers



AIR COMPRESSOR

- 7.5HP, 460V
- 80 Gallon Tank

ACCESSORIES - INCLUDED

- Simplicity Fogger for Passivation and Deodorizing
- Steam Jet for Hot Injection such as for Acrylates
- CF125 Clear Flow System for Waste Water Pre-Treatment and/or Recycling (see attached).

\$164,800 USD

Price as specified without options



Low Volume Recirc System

Simple • Powerful • Air Operated

For effective presolving the following materials:

LUBE OILS • LATEX • RESINS • INKS & DYES • 4-ADPA

Air operated pump and spinner deliver a wide variety of chemical products into the tank. Simple design allows for deploying a powerful diaphragm pump mounted atop a 55 gallon drum, placed at the rear of the tank. As the pump delivers fluid to the spinner, it then drains into the drum where it is re-pumped. This creates a re-circulation loop, which allows extreme solutions to be used, while minimizing chemical usage and waste.

Unlike smaller fountain or "Spray Ball" systems, the Low Volume Recirc method doesn't just wet the areas to be cleaned, but rather delivers chemical with substantial impingement power. Chemicals may be applied up to 200° F, as pump components are carefully chosen for this type of service. The pump is of Stainless steel/Teflon® construction. Chemicals are delivered to the spinner via Teflon®/SS wire braided hose, with quick couplers. Spinner is a Spraying Systems AA190AG-4 with Gast air motor, delivering up to 55 gpm (210 LPM) at up to 125 psi.

Typically, from 20-50 gallons (76-190 LPM) of solution or solvents are used to soften latexes, resins, inks, lube oils, etc. Diesel is often used, as it is inexpensive; however when a tank's previous cargo is set-up or polymerized, more extreme chemicals may be used.

This packaged system come complete with oiler/regulator/filter kits for years of trouble free service. Includes pick-up tubing for the diaphragm pump, 3/4" x 40 ft Teflon chemical delivery hose, all quick couplers, air fittings, and even a rebuild kit for the spinner. Manway adapters are optional, but are available on request.

\$8,995(USD) F.O.B. Metairie, LA USA



For more information or assistance,
please contact Henry Zeller at the number listed above.



Environmental Compliance Equipment

Equipo de Conformidad Ambiental

CARACTERISTICAS



MEZCLADO SEMI-AUTOMATICO
PERMITE AL OPERADOR DEJAR LA
UNIDAD DURANTE EL PROCESO



BOMBA DE AIRE DE DIAFRAGMA
USADA PARA LLENAR EL SISTEMA Y
VACIARLO LUEGO DE COMPLETAR
EL PROCESO



SEPARACION DE AGUA LIMPIA Y DES-
CARGA DE SEDIMENTOS PARA MAYOR
RAPIDEZ AL VACIAR Y MAYOR VIDA DEL
CEDAZO USANDO DE VALVULA DE TRES
VIAS.



MANGUERA CON CEDAZO INCLUIDO
PARA LLENAR Y VACIAR EL SISTEMA.



BOLSA DE FILTRACION PARA
SEPARAR LOS SOLIDOS DEL AGUA
DE DESCARGA.

ClearFlow 65 y 125

SISTEMAS PORTATILES FLOC SEMI-AUTOMATICOS



Nuevo e innovador diseño que incorpora Tecnología 'ECE's ClearFlow' en un formato operacional portátil semi-automático. El sistema permite a los operadores llevar el sistema cerca del recipiente que contiene el agua desechada a ser tratada, usando la bomba de aire de diafragma y la manguera con cedazo suplida, para remover el agua de desecho del contenedor y llenar el sistema. Agregue 'ECE ClearFloc' y active el mezclador por vía del temporizador de cuerda. Permita que el proceso se complete, entonces cambie la manguera a la boquilla de descarga hacia la bolsa del cedazo, quite el filtro y la bomba para reciclar o descargar. Cuando se complete, ruede el sistema a un area de almacenamiento hasta que se necesite.

CF-65 - TANQUE de 65 GALONES – 60" ALTURA, 46" ANCHO - 300 # PESO SECO
CF-125 -TANQUE de 65 GALONES – 60" ALTURA, 60" ANCHO - 400 # PESO SECO

Tanque y base de polietileno, rodajes de servicio pesado, válvulas de 3 vías con indicadores de posición, mezclador de 110 vac con conector estándar.

Bomba de 170 LPM @ 25 pcm con regulador, bolsa de 100 micrones incluida, herrajes de acero inoxidable, tubería de pvc.

Opciones disponibles– Mezclador de Aire

Environmental Compliance Equipment
Stuart, Florida. 772-600-5797 Fax 772-600-5728
www.ecequip.com



Environmental Compliance Equipment

FEATURES



SEMI-AUTO MIXING ALLOWS OPERATOR TO LEAVE UNIT WHILE PROCESSING



AIR DIAPHRAM PUMP USED TO FILL THE SYSTEM AND EMPTY AFTER THE PROCESS IS COMPLETE



SEPARATE CLEAR WATER AND SLUDGE DISCHARGE FOR FASTER EMPTYING AND LONGER FILTER LIFE VIA THREE WAY SELECTION VALVE.



HOSE WITH STRAINER, INCLUDED TO FILL AND EMPTY SYSTEM.



BAG FILTRATION FOR SEPARATING SOLIDS FROM DISCHARGE WATER.

ClearFlow 65 and 125 SEMI-AUTOMATIC PORTABLE FLOC SYSTEMS



New, innovative design incorporates **ECE's ClearFlow Technology** in a portable semi-automatic operational format. The system allow operators to roll the system next to the vessel that contains the waste water to be treated, use the air diaphragm pump and supplied hose with strainer to remove the waste water from the vessel and fill the system. Add in **ECE ClearFloc** and turn on the mixer via the spring wound timer. Allow the process to complete then change the hose over to the discharge on the bag filter outlet, remove strainer and pump it back for recycle or to discharge. When complete, roll the system to a storage area until it is needed.

CF-65 - 65 GALLON BATCH TANK- 60" TALL, 46" WIDE- 300 # DRY WEIGHT

CF-125 -125 GALLON BATCH TANK- 60" TALL, 60" WIDE- 400 # DRY WEIGHT

Polyethylene tank and base, heavy duty casters, 3-way valves with position Indicators, 110 vac mixer with plug standard, 45 GPM pump @ 25 cfm with regulator, 100 micron bag included, stainless steel hardware, pvc piping. Options available- Air Mixer

Environmental Compliance Equipment
Stuart, Florida. 772-600-5797 Fax 772-600-5728
www.ecequip.com



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ClearFlow Application Information

Stolt-Nielsen Tank Wash Facility



The Answer: The ClearFlow CF-600 has been applied to pre-treat the generated waste stream providing a clean, clear water. A secondary process consisting of a 240 g/hr corona discharge ozone circulation loop reduces the dissolved organics present in the effluent from the CF unit. A tertiary filtration consisting of two (2) 50 micron bag filters completes the treatment scenario allowing Stolt-Nielsen to reuse the wash water for up to 6 weeks. Prior to installation of the system Stolt-Nielsen would haul up to 15,000 gallons of waste water a day. A significant savings is realized.



The Problem: Stolt-Nielsen washes tank trailers and ISO tank containers.

The variety of wastes encountered presents a challenge in treatment of the generated waste. Another challenge presented was the desire to recycle the water for subsequent washes. The CF 600 was selected as the primary treatment with a post high output ozone process and filtration circulation loop to reduce dissolved organics and suspended solids.



Results: Consistent, repeatable results are provided by the CF-600 and WRO3. A rugged 304 stainless steel design will provide long lasting service. Ease of use, infinite variability processing allows the system to be most efficient in consumable use and time to treat. This fully automatic system provides Stolt-Nielsen with the best available technology for a difficult waste stream.

**Environmental Compliance Equipment
Stuart, FL.**

Made In USA