

STANDARD FEATURES FOR MODEL 20/70

PROGRAMMABLE MICRO-PROCESSOR AUTOMATION

Industrial computer provides extensive automation for all HUBSCRUB cleaning and infection control functions. Software is programmed to protect electro-mechanical devices and assisting operators. New features and changes with regulatory requirements are easily made by installing updated software cartridge insuring your system stays up-to date to maintain your investment .

CHEMICAL CENTER/ELECTRONICS CABINET

Cabinet located in the back of the unit houses chemicals in one compartment and electronics in another. Chemical containers rest on a shelf in the lower compartment for easy changing. The electronics enclosure is in the upper compartment to avoid any chemical spillage. A see thru window allows the operator to see what devices are working by observing light indicators for each device.

DISPLAY SCREEN TECHNOLOGY

To inform and assist the operator, a display screen is integrated with the control panel. Extensive programming provides the operator; system management data such as total wash cycles, maintenance reminders and operator usage. In addition, the operator is informed of current function in progress and Alert messages to eliminate guessing of system alert.

VARIABLE ROTATING SPRAY SYSTEM

Rotating spray arms can be controlled to move at a slower speed for deep cleaning or quicker for production cleaning. Pause selection also included for deep spot cleaning. Rotating spray system offers spray nozzle coverage across the entire side, front and top of equipment regardless of shape. In addition, back spray nozzles rotate up the back of equipment. Rotating spray has minimal saturation of fabrics and bearing parts.

MULTIPLE CLEANING CYCLES

The operator can select Quick, Normal or Long cleaning cycles based on the soiled condition of equipment.

Quick – 2 ½ minute complete cycle. Automatic dispensing of 3/4oz of cleaning detergent followed by a rinse drying aid application.

Normal – 5 minute complete cycle . Automatic dispensing of 1.25 oz of cleaning detergent followed by a rinse drying aid application.

Long – 7 minute complete cycle. Automatic dispensing of 1.75oz of cleaning detergent followed by a rinse drying aid application.

DISINFECTANT PACKAGE

HUBSCRUB follows strict guidelines for disinfection. In one mode, equipment is first cleaned followed by a disinfectant application. Equipment stays in the wash chamber for the full contact time insuring the disinfectant remains wet to be effective.

In another mode, the disinfectant is sprayed onto equipment as an independent operation. This mode provides a quick and thorough application eliminating spraying in an open area. Equipment can stay in the wash chamber or removed to air dry.

The use of a separate dilution sink, dedicated disinfectant spray nozzles and spray pump results in significant cost savings. 1 gallon of disinfectant can yield over 512 disinfectant cycles. In addition, water usage for disinfecting uses one (1) pint of water.

Disinfection components include: Push button switch that illuminates when disinfection has been selected. A dedicated metering pump. Foam control to minimize suds when disinfecting. Low chemical sensor to insure chemical has been dispensed. Multiple selections for contact time and dilution ratio based on the disinfectant.

UNDER SPRAY SYSTEM

The under side of equipment is often neglected when cleaning. Our under spray system uses a recessed high volume spray nozzle to directly clean the underside of equipment and the inside surfaces such as the inner side of wheelchair wheels that are typically not reached. Underspray can be off or on depending on equipment being cleaned.

1HP BOOSTER WASH PUMP

1hp industrial pump produces up to 50 pounds of spray pressure impact through every nozzle to improve cleaning effectiveness for heavily soiled equipment.

MANUAL SPRAY ATTACHMENT

A convenient spray attachment located inside the wash chamber offers multiple cleaning options from complete wash (with detergent) and rinse for miscellaneous equipment or as a pre-spray for heavily soiled equipment prior to the automated process.

GUARD RAILS

Guard rails provide protection for the dual rotating spray arms on each side. Guard rails keep equipment aligned in the center of the wash chamber.

CHEMICAL DISPENSING SYSTEM

Detergent and drying aid liquid chemicals are accurately dispensed by a metering pump controlled by the micro-processor. To minimize chemical residue left in the fluid line, an automatic water purge function follows all chemical dispensing to flush the line.

LOW CHEMICAL ALERT

During chemical dispensing, chemical flow is measured. If there is no flow, a signal will be sent to the processor which will inform the operator through the display screen.

AUTOMATED WASH PUMP FILTER CLEANING

Continuous self cleaning of the filter for recycling water through the wash pump provides for non-stop production cleaning. Replacing filter cartridges is not required saving time and costs.

OPERATOR PANEL SELECTIONS

Selections include; Start, Stop, Empty, Multiple Cleaning Selections, Spray arm speed control, underspray , status light for system running and the screen display.

DRAINING SYSTEM

A separate industrial pump designed for waste water draining is used to empty the internal sink to an external sink or drain line. The pump is capable of lifting water 4 to 5 feet above floor height.

WATER SUPPLY HOSE

A 13' hose rated at 200psi and 180+ water temperature is supplied. One end includes a standard swivel garden hose connection for the water supply faucet. The other end connects to HUBSCRUB using quick disconnect couplings.

DRAIN HOSE

A 13' hose rated at 200psi and 180 + water temperature is supplied. One end connects to HUBSCRUB using a quick disconnect coupling. The other end is placed into a sink or directly into a drain line.

SAFETY DOOR SWITCH

If the door is opened while the system is running, the system will stop to prevent accidental splashing of water.

GROUND FAULT CIRCUIT PROTECTION

A ground fault interrupt (GFI) connects to the power cord receptacle in the event power needs to immediately shut off for safety reasons.

AUTOMATED RESTART FOR CLOGGED FILTER

In the event the filter becomes clogged due to very heavy soiled equipment, the system will automatically interrupt the cleaning function, drain the heavily soiled water, refill and restart the system function.

HEAVY DUTY POWER CORD

An industrial 14 gauge power cord that connects to the wall outlet and to HUBSCRUB is supplied.

MOBILITY HANDLES

Two handles conveniently mounted on each side of the door frame to easily move HUBSCRUB from one location to another by one person.

QUICK DISCONNECT SPRAY ARMS

Two general purpose spray arms with disconnect couplings for easy removal. Spray arm assembly includes filters to keep nozzles free from clogging. Custom spray arms can be developed for special cleaning configurations.

WINDOWS

There are two (2) windows. One window on the roof provides indirect lighting to the second window in the door. Door window allows a complete visual of the cleaning process.

HEAVY DUTY CASTER WHEELS

Two swivel and two fixed 1 ¼ X 4" moves HUBSCRUB with ease and accommodates very tight areas.

AUTOMATED DIAGNOSTICS FOR EACH DEVICE

Each HUBSCRUB includes a software package that the operator can use to test each device if the need arises. The combination of testing the device to make sure it is running with screen display messages can quickly identify the condition of the device.

1 YEAR PARTS AND LABOR WARRANTY

Each HUBSCRUB is covered under warranty for parts and labor at 100% for one year. The only conditions that do not apply are normal wear and tear, operator mishandling and not following procedures outlined in the Owners Manual.

LIFETIME SUPPORT

Telephone and internet communication support is always made available for the life of your system. Our technicians will work with you to solve any problem. Supporting information such as pictures and assembly instructions can be made available.