



Fully enclosed system, for cleaning with
chlorinated solvents and Hydrocarbons.



ENVIRONMENTALLY COMPLIANT COMPONENT CLEANING



LAYTON
TECHNOLOGIES

From a world leader in component cleaning and surface preparation.



LAYTON
TECHNOLOGIES



Component cleaning using chlorinated solvents or hydrocarbons is recognised as a highly effective and efficient way to remove industrial soiling from manufactured parts. But in order to ensure that emissions and exposure is reduced to the absolute minimum, it is essential that the cleaning operation is performed within a sealed, safe and environmentally compliant system.

Blue Seal™ sealed solvent machines ensure that component cleaning is environmentally compliant and safe. Designed to minimise solvent consumption and emissions and to maintain the highest standards of cleaning and drying.



ABOVE
Large, high
volume systems.

RIGHT
Compact systems
minimise floor
space.



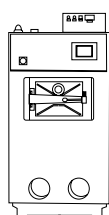
SUITABLE FOR

- chlorinated solvents -
trichloroethylene /
perchloroethylene
- Hydrocarbons

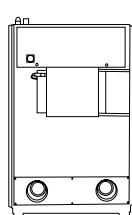
(Later conversion to alternative media
can also be included as an option)



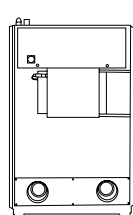
ABOVE Integrated handling available.



BLUESEAL™ 20V



BLUESEAL™ 25V



BLUESEAL™ 40V



BENEFITS

- Meets current environmental regulations (SED)
- Effective cleaning of complex parts.
- Drying by vacuum or air drying system
- Closed loop technology, hermetically sealed
- Cleaning in fresh, distilled solvent every cycle
- Ultra-low solvent use and emissions
- Complete stainless steel construction

CONTROL AND PROCESS CAPABILITY

- PLC programming and control
- Wide range of processing options
- On-board modem option - remote support
- Different metals cleaning in same cycle

AFTERCARE - SERVICE AND SUPPORT

Totally supported in the UK / Ireland / USA by [Layton Technologies](#) - a manufacturer of world-leading specialist cleaning and surface treatment systems.

FLOOR SPACE EFFICIENT

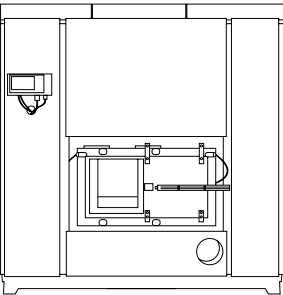
- Small foot-print: higher cleaning capacity
- Easy service / maintenance access

ALL SIZES - LARGE OR SMALL

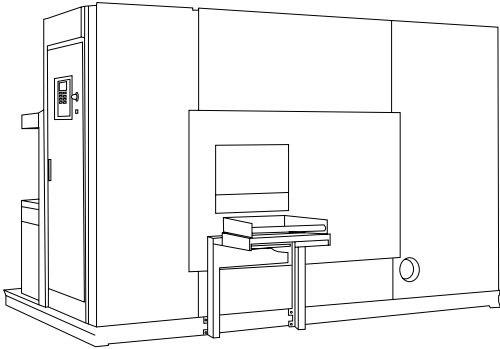
There is a system in the range to meet every need. Plus custom designed systems for specialised applications.

- Small compact machines
- Large, high volume systems
- Custom built systems

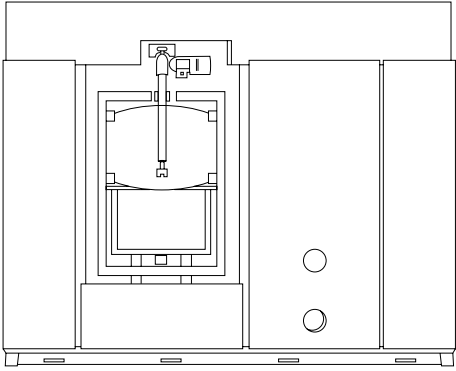
BLUESEAL™ STANDARD SIZES	OPERATING CHEMISTRY	FOOTPRINT SIZE (METRES)	LOAD CAPACITY (KG)	WORK LOAD DIMENSIONS (MM)	OPERATING CHEMISTRY	FOOTPRINT SIZE (METRES)	LOAD CAPACITY (KG)	WORK LOAD DIMENSIONS (MM)
S20V	Perchloroethylene	1.02 x 1.35 x 2.035	50	330 x 490 x 210	Trichloroethylene	1.02 x 1.35 x 2.035	50	330 x 490 x 210
S25V	Perchloroethylene Hydrocarbon	1.36 x 1.65 x 2.18	50	320 x 515 x 200	Trichloroethylene	2.5 x 2.0 x 2.18	50	320 x 515 x 200
S40V	Perchloroethylene Hydrocarbon	1.36 x 1.65 x 2.18	100	320 x 960 x 200	Trichloroethylene	2.5 x 2.0 x 2.18	100	320 x 960 x 200
S50V	Perchloroethylene Hydrocarbon	2.5 x 1.8 x 2.5	100	400 x 620 x 410	Trichloroethylene	3.2 x 2.26 x 2.5	100	400 x 620 x 410
S100V	Perchloroethylene Hydrocarbon	3.2 x 2.26 x 2.65	200	560 x 690 x 410	Trichloroethylene	3.7 x 2.26 x 2.65	200	560 x 690 x 410
S200V	Perchloroethylene Hydrocarbon	3.7 x 2.26 x 2.85	400	770 x 970 x 410	Trichloroethylene	4.0 x 2.26 x 2.85	400	770 x 970 x 410
SPECIAL SIZE SYSTEMS ARE ALSO AVAILABLE								



BLUESEAL™ 50V



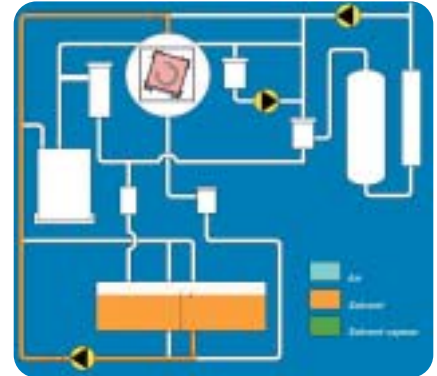
BLUESEAL™ 100V



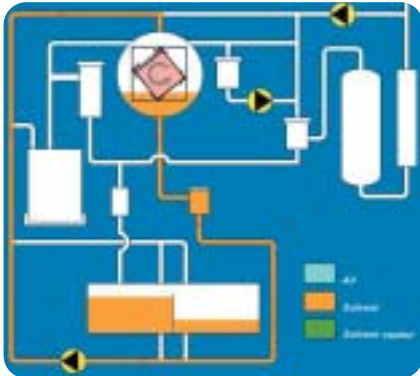
BLUESEAL™ 200V



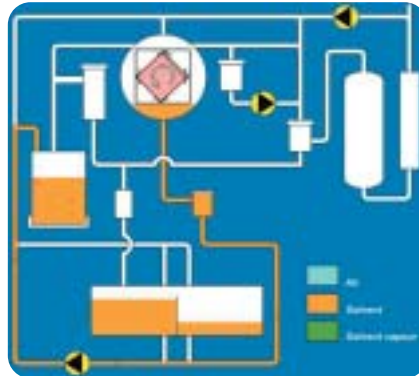
HOW THE BLUESEAL™ SYSTEM PROVIDES SAFE, EFFICIENT AND ENVIRONMENTALLY COMPLIANT CLEANING AND DRYING



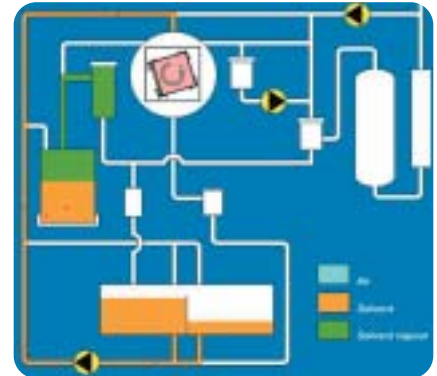
1 Solvent pumped from the tank to the treatment chamber.



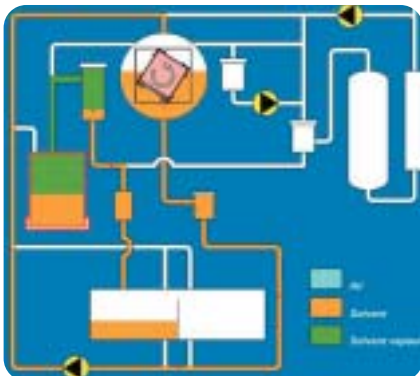
2 Pre-cleaning cycle to remove larger contaminants.



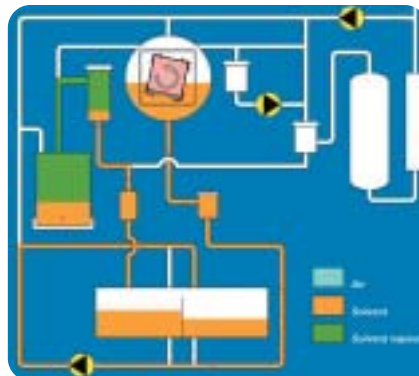
3 Solvent is then filtered and sent to distiller to remove contaminants from the solvent.



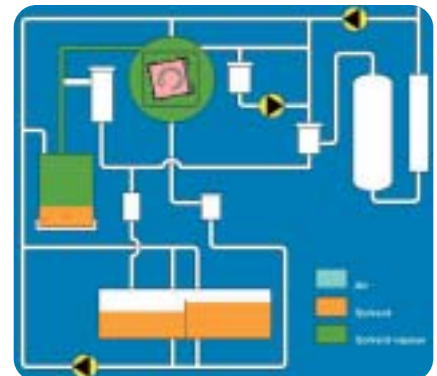
4 Solvent is pumped to the tank, a full immersion cleaning cycle can be included.



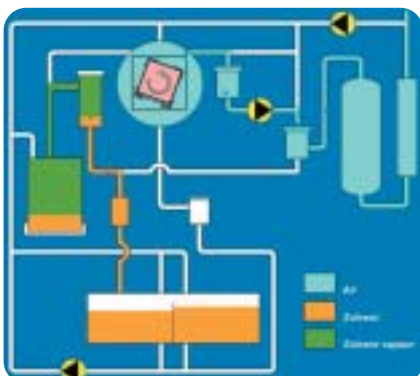
5 Solvent circulated through cleaning chamber, ultrasonics and jet cleaning can be added.



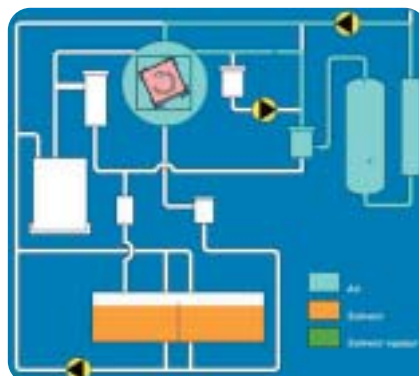
6 Solvent is filtered and discharged to the tank.



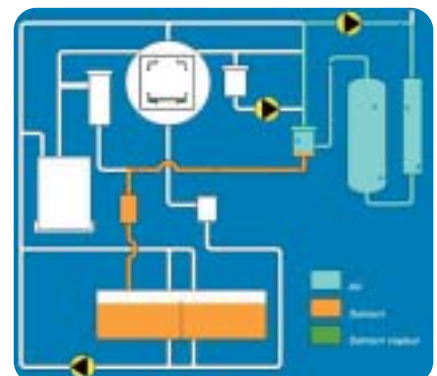
7 Treatment chamber is charged with solvent vapour to complete degreasing phase.



8 Vacuum rapid drying phase.



9 Adsorption phase to remove solvent vapours from the chamber.



10 Regeneration phase, prepares the system for a new cycle with refreshed, clean solvent.



Bluestone™ solvent system.



Bluestone™ specialised solvent system.



Bluestream™ multi-stage aqueous system.

SPECIALISTS IN CLEANING AND SURFACE PREPARATION TECHNOLOGY

Layton Technologies design and manufacture a complete range of cleaning technology. Contact us for more information on;

- Aqueous cleaning and passivation systems
- Enclosed system, flammable solvent cleaning equipment
- Surface treatment & reprocessing systems
- Vapour dryers for wet-bench applications

LAYTON TECHNOLOGIES MANUFACTURE SYSTEMS FOR:

- Metal manufacture cleaning / degreasing
- Medical devices
- PCB / Semi con / Wafer fab
- Aluminium die cleaning
- Lens manufacture
- Electronics
- Aircraft parts
- Surface treatment

CONTRACT CLEANING SERVICES ALSO AVAILABLE



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