



IBC

(Intermediate Bulk Container)

ITSCLEAN RANGE FOR IBC CLEANING



About ITS



An experienced hygienic equipment specialist, Industrial Trading Solutions Ltd have over 100 years combined technical knowledge and applied skills in the food & beverage, brewery, distillery, dairy, pharmaceutical and personal care industries.

Formed in 2002 and based in the Midlands UK, ITS now distribute a multitude of top industry brands with a fast service, at competitive prices and all with an unmatched customer ethos.

Our technical team can support you with large system projects, one-off product purchases and maintenance & repair services. As an ISO9001, ISO14001 & ISO45001 accredited business, you can expect the very best service and the highest standards from Industrial Trading Solutions Ltd.

DISTRIBUTING SOLUTIONS PROCESSING EXCELLENCE

"Operating within a safe and transparent culture of respect and innovation, we are dedicated to positively conduct ourselves with high ethical standards and integrity. We will continue to invest in and develop our staff, reliable product ranges and services provided, to ensure the high standards expected with the market we operate are upheld or exceeded. As the complete solutions supplier of choice, we value all stakeholders of the business and build strong relationships to reinforce our unrivalled reputation and future growth."

Peter Jeans, Company Founder and Chairman



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How to Clean an IBC

Industrial Bulk Container (IBC) tanks are widely used in breweries, drink production plants, dairies and other manufacturing settings, to store liquids, ingredients, cleaning chemicals, sterilised water and waste products

IBC tanks are perfect environments for a whole range of dangerous microorganisms – which can ruin products and pose a hazard to human health. So the most effective means of sterilising an IBC Tank is by using a water-soluble caustic solution at a sufficient concentration to destroy the biological hazards in the tank.

The tank will then need to be flushed out with plenty of water in order to remove chemical residues – which also may spoil the product. This process has the potential to be wasteful in water and energy and to harm the environment, so the key to sustainable IBC cleaning is the delivery system used, as well as the type of cleaning chemical.

How to Save Money and Avoid Waste

There are two main types of cleaner. Some businesses use a good old-fashioned hosepipe or jet washer, which at high pressure can be a good means of stripping away ingrained dirt without over-reliance on chemicals. Alternatively, a spray head cleaner can be used. These have a smaller footprint, use less manpower and are less heavy on water, while still achieving the same cleaning effect. Our spray head nozzles are fitted on top of your IBC and have an integral pump and motor. These provide a fast and efficient clean and can be calibrated to provide the required level of cleanliness.

Using a spray head in favour of a hosepipe or jet washer is the best way of saving on cleaning costs. It also wastes less water, requires less downtime, and has a smaller carbon footprint than other cleaning methods. It is also difficult to achieve a complete clean with a hosepipe or jet wash. On larger or irregularly shaped tanks, the waterjet may not reach every nook and cranny, bringing the risk of bacterial build-up in hard to reach places. Using a spray head gives a much deeper and comprehensive clean.



Scan the QR Code to visit our website page:



Video:



A Hygienic IBC Clean in just 3 minutes.

Why spend 20-30 minutes manually cleaning your totes, wasting money on sending them out for cleaning or not cleaning them at all and returning them dirty for a fee, when you can let the ITSClean system do all of the hard work for you?

Hygienic and Economical

With the ITSClean options, you can choose the solution for you and not break the budget.

We offer three options that ensure a fully hygienic clean so that you reuse your totes over and over again.

- ITSClean Essentials - a basic and cost effective solution with no compromises on the clean or savings.
- ITSClean Ultimate - For when you need the added power of a pump but still want a mobile unit that provides flexibility and a great clean every time.
- ITSClean Supreme - The full package, including heating and frame options for a complete but value for money cleaning system.

The ITSClean systems give a consistently high impact clean that prevents cross contamination and growth of bacteria. Plus they will save you time and money!



ITSClean Essential

Our Essential IBC Cleaning package provides basic automation to an otherwise time consuming and manual task. This simple and cost effective solution gives a 360degree hygienic clean to your containers in as easy to install kit with options to suit your needs. (Connection to a suitable water supply is required).

How it works

Simply connect your ITS Clean Essential unit to a water / CIP supply pipeline existing within your process. Allow the fluids to flow through the pipework to the jet head to begin cleaning your IBC

Features & Benefits

- Time saving
- Reduction in labour
- 360 degree clean
- Camlock fitting allows for easy install and dismantling
- Jet head and Lid options



ITSClean Essential Pricing



| Model | Package Inclusions | Options | Description | Package Price |
|-------------------------------|-----------------------|-----------------------|--|---------------|
| ITSClean Essential - Option 1 | IBC lid | 6" / 150mm | Red Composit | £2,743 |
| | | 9" / 220mm | Black Composit | |
| | Stainless Steel Lance | Standard 500mm Length | 316 Stainless Steel Lance, 500mm Length. 3/4" BSPT Cleaning head connection, 1 1/2" Camlock Hose Fitting. | |
| | Rotary Jet Head | 120degC | 4.5m3/hr and 5 bar, 120 degree version | |
| | *Silicone Hose | Standard 5mm Length | 5m length 1.5" Black Silicone Hose with PN16 DN40 flange process pump connections and 1.5" Camlock lance fittings. | |

| Model | Package Inclusions | Options | Description | Package Price |
|-------------------------------|-----------------------|-----------------------|--|---------------|
| ITSClean Essential - Option 2 | IBC lid | 6" / 150mm | Red Composit | £4,328 |
| | | 9" / 220mm | Black Composit | |
| | Stainless Steel Lance | Standard 500mm Length | 316 Stainless Steel Lance, 500mm Length. 3/4" BSPT Cleaning head connection, 1 1/2" Camlock Hose Fitting. | |
| | Rotary Jet Head | Oribitor Eco 316ss | 3-10m3/hr and 3-6 bar. | |
| | *Silicone Hose | Standard 5mm Length | 5m length 1.5" Black Silicone Hose with PN16 DN40 flange process pump connections and 1.5" Camlock lance fittings. | |

| Model | Package Inclusions | Options | Description | Package Price |
|-------------------------------|-----------------------|-----------------------|--|---------------|
| ITSClean Essential - Option 3 | IBC lid | 6" / 150mm | Red Composit | £6,495 |
| | | 9" / 220mm | Black Composit | |
| | Stainless Steel Lance | Standard 500mm Length | 316 Stainless Steel Lance, 500mm Length. 3/4" BSPT Cleaning head connection, 1 1/2" Camlock Hose Fitting. | |
| | Rotary Jet Head | GJ9 | 3-10m3/hr and 3-6 bar. | |
| | Camlock Fitting | Standard 1.5" | Used to couple two hoses. Requiring no tools for installation or removal. | |
| | *Silicone Hose | Standard 5mm Length | 5m length 1.5" Black Silicone Hose with PN16 DN40 flange process pump connections and 1.5" Camlock lance fittings. | |

*As standard the hose connection to process supply is a PN16 flange but adapters from flange to alternative process connections can be supplied upon request.



ITSClean Ultimate

Our Ultimate package allows you to level-up your IBC clean, with all the capabilities of the Essential Kit, but with the added power and convenience of an inverter controlled centrifugal pump, that will ensure the necessary flow and pressure reaches the cleaning head. The Ultimate Kit also comes with options to add a custom designed truck for you to move the cleaning station around your facility easily. Again, you can choose which jet-head best suits your requirements.

(Connection to a suitable water supply is required).

How it works

With the ITS Clean Ultimate, connect the centrifugal pump provided to a supply tank or supply pipework to feed the pump with water or CIP fluids. Using the local inverter mounted to the pump, increase or decrease pumping speed to control flow and supply required liquids to the jet head.

Features & Benefits

- Control flow rates to optimise cleaning
- Optional truck for mobility
- Time saving
- Reduction in labour
- 360 degree clean
- Camlock fitting allows for easy install and dismantling
- Jet head and Lid options



ITSClean Ultimate Pricing



| Model | Package Inclusions | Options | Description | Package Price | Model | Package Inclusions | Options | Description | Package Price |
|------------------------------|-----------------------|------------------------------|--|---------------|------------------------------|-----------------------|------------------------------|--|---------------|
| ITSClean Ultimate - Option 1 | Mobility Truck* | Standard Model | Stainless Steel Frame, Width inc wheels 635mm, Height inc handle 1262mm, | From £5,998 | ITSClean Ultimate - Option 2 | Mobility Truck* | Standard Model | Stainless Steel Frame, Width inc wheels 635mm, Height inc handle 1262mm, | From £7,783 |
| | Pump | Ebara EVMSL Centrifugal Pump | Vertical multi stage centrifugal pump with integrated, timed inverter - 304 version | | | Pump | Ebara EVMSL Centrifugal Pump | Vertical multi stage centrifugal pump with integrated, timed inverter - 304 version | |
| | IBC lid | 6" / 150mm | Red Composit | | | IBC lid | 6" / 150mm | Red Composit | |
| | | 9" / 220mm | Black Composit | | | | 9" / 220mm | Black Composit | |
| | Stainless Steel Lance | Standard 500mm Length | 316 Stainless Steel Lance, 500mm Length. 3/4" BSPT Cleaning head connection, 1 1/2" Camlock Hose Fitting. | | | Stainless Steel Lance | Standard 500mm Length | 316 Stainless Steel Lance, 500mm Length. 3/4" BSPT Cleaning head connection, 1 1/2" Camlock Hose Fitting. | |
| | Rotary Jet Head | 120degC | 4.5m3/hr and 5 bar, 120 degree version | | | Rotary Jet Head | Oribitor Eco 316ss | 3-10m3/hr and 3-6 bar. | |
| | Silicone Hose | Standard 5mm Length | 5m length 1.5" Black Silicone Hose with PN16 DN40 flange process pump connections and 1.5" Camlock lance fittings. | | | Silicone Hose | Standard 5mm Length | 5m length 1.5" Black Silicone Hose with PN16 DN40 flange process pump connections and 1.5" Camlock lance fittings. | |

*Mobility Truck is Optional



ITSClean Supreme

The Supreme package offers a frame mounted solution with a storage tank and an electric heater for CIP fluids or water, alongside the centrifugal pump and cleaning head.

COMING SOON!

How it works

The ITS Clean Supreme is a standalone tank based skid for localised supply of cleaning fluids to the IBC cleaner. Fill the tank with the relevant cleaning fluids and if needed, heat the fluids to a required temperature, utilising the built in electric heater. Once ready, open supply valves to divert cleaning fluids through the localised centrifugal pump and rotary jet head to clean the IBC.

Features & Benefits

- Control flow rates to optimise cleaning
- Convenient water storage system
- Localised heating
- Time saving
- Reduction in labour
- 360 degree clean
- Camlock fitting allows for easy install and dismantling
- Jet head and Lid options



Service and Support

ITS can support you with any technical queries you may have whilst deciding which option is right for you, or during installation of your ITS Clean. We also have spares available for you to purchase directly from us or via our online shop ITS Lite, in order to keep your ITS Clean working at its best.



its
Lite

**BUY YOUR HYGIENIC FLOW
EQUIPMENT ONLINE**

VISIT US TO ACTIVATE
YOUR ACCOUNT.



www.itslite.co.uk



Additional Services

As the ONLY UK distributor of Pipetite products, Industrial Trading Solution Ltd can supply Pipetite from stock, to anywhere in the UK and fast.

ITS are process flow equipment specialists, with a multitude of top equipment brands available and over 100 years combined experience in the food and beverage, brewery,

dairy, pharmaceutical and personal care industries. Our in-house technical staff can support you with large systems projects, one off product purchases, spares, and even maintenance or repair services.

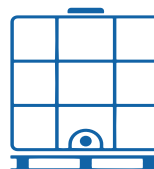
You can trust ITS to find the best solutions for all of your hygienic flow requirements.

Hygienic Equipment from ITS

Distributing Solutions ♦ Processing Excellence



Find out more
on our website





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