



Cleaning, CIP and Process Systems

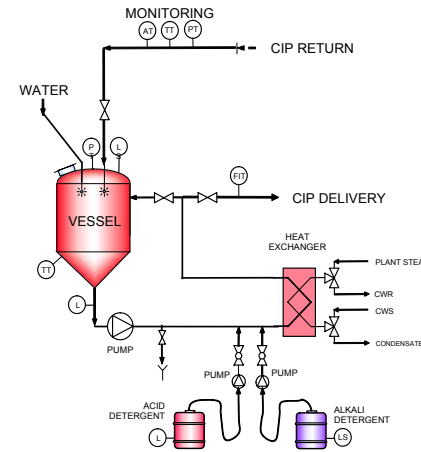
*"Your personal contact for 24/7
CIP and hygienic processing advise
and assistance"*



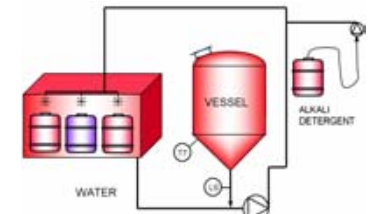
Cleaning-In-Place (CIP) and Cleaning-Out-of-Place (COP) Systems

CIPProcess bring over 30 years of CIP experience in developing cleaning technologies, to produce a range of innovative solutions to

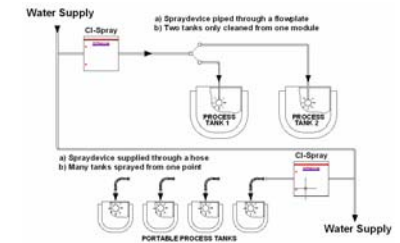
Typical Total Loss CIP System



Typical Drum Wash COP System



Ci-Spray™ and DryScavenge™ Module



Cleaning, CIP and Process Systems

Tanks, Vessels, Mixers and Agitators

CIPProcess supplies top quality stainless steel tanks, mixers, processing equipment and components. We can offer a simple supply service but are often asked to integrate them into systems. Our integration services include concepts, design, calculation, CIP, pipe-



Mixer Features

Stainless steel mixers and agitators for the simplest to the most arduous mixing duty. Available for the hygienic food, healthcare, personal care and pharmaceutical industries and also for general industrial use. Standard designs are available together with a full custom design service.





It's Time for The Best Sanitization Solution...

Our cutting edge ozone technology will make your products and facility safer, while significantly reducing your costs.

Ozone Technology

Why use ozone as a sanitizing and disinfecting solution?

It is proven that ozone technology is 3,000 times faster and 51% more effective at killing bacteria and other pathogens than chlorine.

With our ozone sanitization system, there is no need for hot water or chemicals. Ozone converts back to oxygen 20 minutes after application and there is no toxic waste to dispose of.

Our Ozone system can also be used to recycle waste water, which significantly reduces water and disposal costs.

We can help extend the shelf life of your products. At the same time, increase your profit yield and improve the overall quality of your food and facility.

Reduce costs and processing time, while increasing profits and the value of your products!



Aqua Clean
Industrial Solution



Pulsator
Mobile Sanitizer



Zing
Commercial Applications



Air Clean
Environment Purifier

Our Exclusive Equipment

What makes Ozone Safe Food's Equipment Superior to Others?

Our equipment incorporates our **Patented Vortex™ Mixing System**, which compresses the ozone into microscopic bubbles in the water solution. The result is higher ozone residuals, with less off gas. In other words, a faster, more effective application.

No other company in the world can match the efficiency and versatility of our units!

Authorized Distributor:



CIPProcess Ltd, Unit 16 Park Farm Industrial Estate, Buntingford, Herts, SG9 9AZ, UK
T. +44(0)1763-272884 F. +44 (0)1763-274636 E. info@ciprocess.co.uk W. www.ciprocess.co.uk



Cleanlaser—Laser Cleaning Systems

Diode Pulsed Solid State Lasers provide the lowest cost cleaning of any cleaning device

CIPProcess is the exclusive distributor in the United Kingdom of laser cleaning systems manufactured by **Clean Laser Systems** in Aachen, Germany.

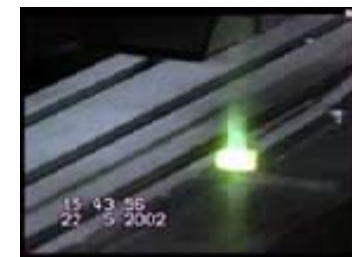
The innovative laser cleaning systems combine **power** and **versatility**, with the **low**-operating **cost** of all industrial cleaning methods. They offer a **safe** cleaning method are **environmentally friendly**, using no water or chemicals and producing no efflu-



Laser Paint Stripping



Laser De-coating



Automatic Laser Surface Preparation

Cleaning, CIP and Process Systems

Worlds Only Fully Portable Backpack Cleaning Laser



Our laser cleaning systems are being used by leading companies and government agencies for many different applications in many industries. New applications are constantly emerging which take advantage of the safe, environmentally friendly, low cost, precise cleaning technology that Laser offers. The list below details some example industries which use laser cleaning.

- [Aerospace](#)
- [Automotive](#)
- [Baking](#)
- [Electrical](#)
- [Molding](#)
- [Friction Products](#)
- [Historic Restoration](#)
- [Other and Emerging Applications](#)



CIPProcess Ltd, Unit 16 Park Farm Industrial Estate, Buntingford, Herts, SG9 9AZ, UK
T. +44(0)1763-272884 F. +44 (0)1763-274636 E. info@ciprocess.co.uk W. www.ciprocess.co.uk



Sacome Tubular Heat Exchangers

Stainless steel hygienic tubular heat exchangers designed and manufactured for effective, safe and flexible heat transfer to liquids.

Introduction

CIPProcess offers the complete 'Sacome' Tubular Heat Exchanger Range. Sacome have been supplying innovative high quality tubular heat exchangers for over 25 years. They supply units for Food, Pharmaceutical and Industrial uses.

Features

Stainless steel hygienic tubular heat exchangers developed, designed and manufactured for effective, safe and flexible heat transfer to liquids. Incorporating the requirements of the food and pharmaceutical industries, they are available as single items or built into packages.

Packages are available including Sacome heat exchangers, control valves, pumps, control equipment and instrumentation, for any application please enquire. Sacome heat exchangers can also be used in the CI-Heat fluid conditioning modules.



Cleaning, CIP and Process Systems

Ice Cleaning - Cleaning Without Effluent

Ice blasting is a cleaning process, which uses solid water (ice) or solid carbon dioxide (CO₂) pellets (known as dry ice), to provide gentle, effluent free, impact cleaning.

Industrial Sectors

Ice blasting can be used in many sectors, with particular benefits offered to the following industries:

- * Pharmaceuticals
- * Food Processing
- * Airlines/Aerospace
- * Automotive
- * Disaster Recovery
- * Electrical
- * Foundries
- * General Maintenance



Typical Dry Ice Cleaner

Examples

The following photographs show a typical food industry application.



Ribbon mixer before Dry Ice cleaning



Ribbon mixer after Dry Ice cleaning



Process Packages

Packaged units for a solution to processing requirements

Features

- Fully enclosed in lockable enclosures
- Floor, wall or equipment mounting
- Pre-piped, pre-wired and pre-tested
- In-built control systems
- CE Marked to relevant standards
- Simple, robust operation
- Plastic, Steel and Stainless Versions

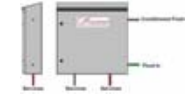


Typical Uses

- Pumping, Heating, Dosing, Filtering, Spray Device Supply,
- Routing, Scavenging, Homogenising and Controlling

Example Applications

- Pumping Liquid product from storage tanks to fillers
- Heating Water for hot water loops
- Dosing ingredients into transfer lines
- Filtering solids from a product line
- Routing to a selection of locations
- Scavenging CIP fluids from a tank
- Controlling any process



Modules Available

- CI-Pump™ Pumping Module
- CI-Heat™ Heating Module
- CI-Dose™ Dosing Module
- CI-Filter™ Filtering Module
- CI-Route™ Routing Module
- CI-Control™ Control Module
- CI-Mix™ Homogeniser Module

DryScavage™ - Highly Efficient CIP Scavenging Systems Superior scavenging for any CIP/COP duty.

Principles

The DryScavage™ principle is to achieve CIP scavenge by 'vacuuming' the liquid rather than pumping. It offers numerous advantages over traditional methods and can be supplied with new CIP Systems or retro-fitted to existing CIP Systems.

Results

The DryScavage™ reduces the energy, water, effluent and chemical usage by improving efficiency and also reduces the CIP cycle time.

Features

- 316 Stainless Steel Hygienic Construction
- EHEDG (Food) or BPE (Pharmaceutical) standards
- Self contained in enclosure or skid mounted
- Pre-piped, pre-wired and pre-tested
- In-built control systems

Advantages

- No scavenge pumps
- No production space taken up
- No noise limitations
- No wiring or control
- No local air vented
- No water retention
- No pump air locking
- No liquid in process tanks required to prime pumps

CIP System using DryScavage™



Cleaning, CIP and Process Systems

CI-Components

Offering the best quality fluid handling Components from a single source

Introduction

We work with the best quality companies supplying components for CIP and hygienic processing. We can put together packages of equipment from different sources to provide you with a single source. We offer economical prices, reliable deliveries and excellent service. We also offer a free of charge consultation and advise service to ensure that you select the optimum components for your requirement. Our product range is extensive and includes:

- Stainless Steel tube and fittings
- Pumps, Valves
- Filters, Mixers
- Vacuum devices
- Heat Exchangers
- Orifice Plates, constant flow chambers
- Instrumentation
- Control components
- Machine and component Spares



Our components can be built, machined and fabricated into special forms, as required and we offer an installation and on-site modification service.

CI-Services

Services to support all of our activities

Introduction

We supply personnel for many specific requirements either at our premises or yours. We offer the following services:

- Autocad Drawing - from client sketches or bespoke - at offices or on site
- Custom Design and calculations, concepts, reports and documentation
- Providers of remote location engineers, designers, Autocad technicians, Sales, purchasing
- On-site training for your personnel when using our equipment
- Field technicians to service any concerns or quality issues

Design Advice

With many years experience in developing and designing CIP and hygienic processing our designers are available to offer advice with any design queries. Please e-mail designadvice@cipprocess.co.uk with your requirements. We aim to answer every question within 24 hours.





Our Mission

The CIPProcess organization has one simple aim - to be the best Cleaning, CIP and Processing Company. We design, specify, manufacture, source and supply innovative Cleaning, CIP & Processing Solutions.

Why use CIPProcess?

We offer you our wealth of experience and knowledge, our access to industry resources, and above all a personal service second to none. An individual account manager, available 24/7, is assigned to every client.

Who are we?

CIPProcess is staffed by dedicated engineers and designers who have introduced many of the product, equipment and procedural standards and innovations over the last 30 years.

Who do we do it for?

For any companies who Clean, CIP or Process, including food, beverage, pharmaceutical, biotech, automotive, aerospace and many other industries.

Cleaning, CIP and Process Systems

Directions

