



CONCO SYSTEMS

Heat Exchangers & Condensers

Tube Cleaning and Plugging

Product Origin: USA

Mun Siang Engineering is the sole distributor of Conco Systems in Singapore. Conco enables power plants, refineries and industrial production facilities to improve profitability, productivity and reliability through a uniquely integrated platform of products and services for condensers and heat exchangers.

INDUSTRIES



Oil & Gas



Petro-Chemical



Refinery



Power Generation



Nuclear Power



Food & Beverage



Marine

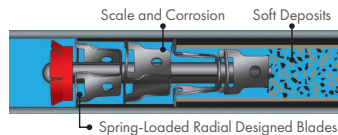
PRODUCTS AND SERVICES

Industrial Tube Cleaning

Mechanical Tube Cleaning

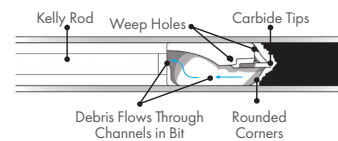
Whether you require a quick turnaround service, or desire a

turnkey long-term solution to your heat exchanger network maintenance, Conco has the know-how and capabilities to meet your needs. Our crews are equipped with ProSeries™, a two-gun pump system designed to propel TruFit™ tube cleaners through fouled tubes at a safe 300 PSI water pressure, removing deposits, corrosion product and obstructions in a single pass!



Rotary Drilling

Designed to solve the most difficult deposit problems, Conco HydroDrill™ combines powerful rotary tube cleaning action with a 2 to 3 GPM water flush supplied at 200 to 300 PSI by the system's booster pump to clear even completely blocked tubes.

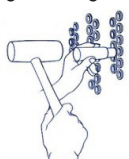


Inserts and Plugging

Tube Inserts

Flexible enough to accommodate normal variations in tube bores, yet rigid enough for easy installation,

these rugged inserts are designed to make a snug fit in the tube.



Tube Plugs

Different situations call for different types of plugs, and Conco has a full array of plugs in a variety of styles and materials to select from.



BENEFITS

Safety

- Low pressure reducing risks of injury
- Smaller safety zone
- Smaller crew size

Speed

- Reduces cleaning time by 70%
- Reduce congestion and interaction
- On-line and producing faster

Performance

- TruFit™ technology cleaners uniquely designed for specific fouling and customised for a perfect tube fit
- Thorough removal of deposits including the ends and around any bends
- Reduce re-cleaning
- Improve heat transfer, increase throughput and efficiency by as much as 4%

Environmentally Friendly

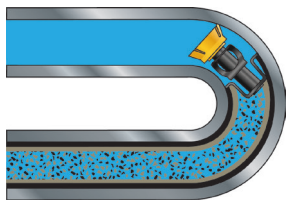
Use less water, easy to contain and less usage of vacuum trucks for waste water disposal

In Partnership With



Safe, Quality Products and Services...
BEYOND EXPECTATIONS!

TUBE CLEANING SYSTEMS



TruFit™

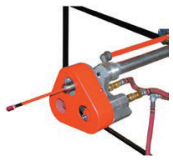


ProSeries 200B

ProSeries™ 200B Tube Cleaning System with TruFit® Cleaners.

This state-of-art equipment has effectively cleaned over 150 million condenser and heat exchanger tubes worldwide. Designed to shoot Conco TruFit or any other make the model of tube cleaner through tubes from ½" - 1 ½" O.D., it increases available water pressure to the 300 PSI necessary for effective cleaning. The unit is equipped with a 10 HP motor and durable positive displacement two-gun pump.

TruFit™ Cleaners are suitable for horizontal and vertical configuration, straight or U-tube bundles.



HydroDrill™

Rotary Drilling

Utilising a water flush and rotary action, Conco HydroDrill Tube Cleaning System is the fastest and most effective way to remove difficult deposits from the inside of heat exchanger tubes, chemical reactors, condensers, reboilers and absorbers.

HydroDrills are used to remove hard tough deposits including:

- Coke
- Alumina
- Calcium
- Asphalt
- Sulfur
- Oxides
- Bauxite
- Polymers

HydroDrill™ units are designed for maximum cleaning effectiveness with no tube damage. Drill bits are sized to be 0.005" below the minimum tube I.D. They feature long shanks to ensure that the axis of the bit and the axis of the tube are in complete alignment. Furthermore, the bits are designed with carbide tips on the leading edge only and with rounded corners to ensure no sharp edges directly impact the tube wall. The drill also rides on a thin layer of water for lubricating bearing surfaces between the bit and the tube. The HydroDrill™ has been used repeatedly to clean process fouling on some heat exchangers over 1,000 times – with no tube damage or degradation!

Tube Cleaners

Each tube cleaner is designed for specific fouling types and size for your exact tube dimensions to ensure safe, effective tube cleaning. Conco has more than a dozen designs engineered for effective removal of fouling and underlying corrosion.

- Fouling Deposits
- Corrosion Products
- Physical Obstructions
- Tube Surface Roughness



Metal Blade Tube Cleaner



Cal-Buster



Brush Tube Cleaner



Plastic Tube Cleaner



Stainless Steel Brush

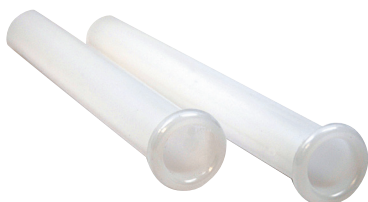


U-tube Cleaners

CONCO INSERTS AND PLUGS

Alkaserts® Polyethylene Tube Inserts

Alkaserts are designed to ensure lasting protection to the inlets ends of new tubes and to greatly to prolong life of worn tubes damaged by erosion and impingement.



Features:

- Bonnet head is designed to cover the ferrule in ferrule type installations.
- Flush head is used for flush, rolled-in tubes and close-clearance tubesheet designs.

Our inventory includes High Confidence Tube Plugs, tested to over 1,000 PSI under a wide range of temperature and vibration conditions. Our line of expanding tube plugs can be used for temporary or permanent plugging. While our EX-3 Expanding Tube Plugs feature an oversized washer to prevent them from being pulled into the tube by the vacuum of the unit, our EX-4 Tube Plugs are designed to be placed inside the tube, recessed just below the tube sheet. Then there are our EX-F Tube Plugs, offering two separate gripping and sealing designs in one plug and sealing to 400 PSI.

Type-1 Pin, and Type-2 Pin and Collar Tube Plugs come standard in titanium, stainless steel, brass and bronze. They seal at high temperatures, allowing continued use of the unit without major overhaul. They are ideal for use in the tubesheet where tube samples have been extracted.

Tube Plugs

When you need to plug off leaking tubes in condensers and heat exchangers, look no further than Conco.

Conco offers a full range of plug size, style and material to match your needs.



High Confidence Tube Plugs



Expanding Tube Plugs



Fiber Tube Plugs



Pin & Pin and Collar Tube Plugs