



About Our Company :

Experience the Change with Mak Technosys

Mak Technosys is a Group of Young Professionals with experience in design, manufacture and managing projects in Industrial cleaning, who understands latest trends and technologies in industries and adopted solutions that helps us to provide the precise solution for the customer requirements.

Part/Component Cleanliness is one of the toughest and critical process in manufacturing industries. To meet this toughest requirement Mak Technosys gives you wide range of precision cleaning methods. Our trained experts work with you to determine which precision cleaning process is necessary based on your parts/components. With Mak Technosys cleaning service, your high performance sensitive components meet the required cleanliness.

- Improve efficiency of component cleaning to meet desire level
- Guarantees low running cost and high uptime in your production
- Customer oriented, personalised solutions
- Complete commitment on cleanliness values (Millipore Values and Particle Sizes)

Our Vision :

Customer satisfaction is the prime focus of Mak technosys. To exceed our customer expectation in quality, delivery and cost through continuous improvement and customer interactions.

Our Mission :

To expand and continually improve utilising quality practices and employee involvement to manufacture precise cleaning machines, for the all industry, that result in customer and employee satisfaction.

Why Choose Us :



Custom made Solution

Our team always works to meet and deliver best in class solutions as per customer's needs and requirements



Highly Experienced Team

Our experts helps you to keep your machines up and running even in breakdown scenarios with their knowledge and real time analysis.



Timely Delivery of Products

Our goal is to deliver on time and every time, mak technosys's parts are all genuine and reliable with high standards of quality.



Cost effective

To stay ahead in today's competitive arena we have set higher process reliability by considering some unique factors that helps you High in production at affordable prices.

We Offers



Solvent based

UVD

Conveyor
based

Vacuum assisted
cleaning equipment



Aqueous based

Multi-Chamber
Multi-Process

Single-Chamber
Multi-Process

Conveyor
Based

Batch
Load

Single
Load

With
Vacuum

Without
Vacuum

Batch
Load

Single
Load

With
Vacuum

Without
Vacuum



Hybrid
(water + solvent) base



**Coating
Equipment**

Aqueous base cleaning equipments

Single Chamber Multi Process

Features

- Compact in size
- Single loading & Unloading point
- Complete Media Filtration Possible
- Flexible Cycle time to match output results
- Easy operation using touch screen HMI on operator panel
- Options available for multiple ultrasonic frequencies from 25 khz to 1 Mhz.
- High Degree of Process Flexibility (Spray, Ultrasonic, Inject Flood, Rust Inhibition, Drying)
- Independent time settings, sequencing of processes & repeat cycles, can be done as per application and cleanness requirement
- 360° rotation, specific degree tilting, clock wise & anti clock wise are possible, leading to better cleaning results, as 100% coverage of surface is possible during all process
- Due to rotation the component cavities hold minimum liquid media & thereby percentage of carry over media to the next process is much less, leading to a higher bath life
- As multiple processes are taking place in same chamber, hence a single module of Ultrasonics can be used for different processes (Soaking, Cleaning, Rinsing)



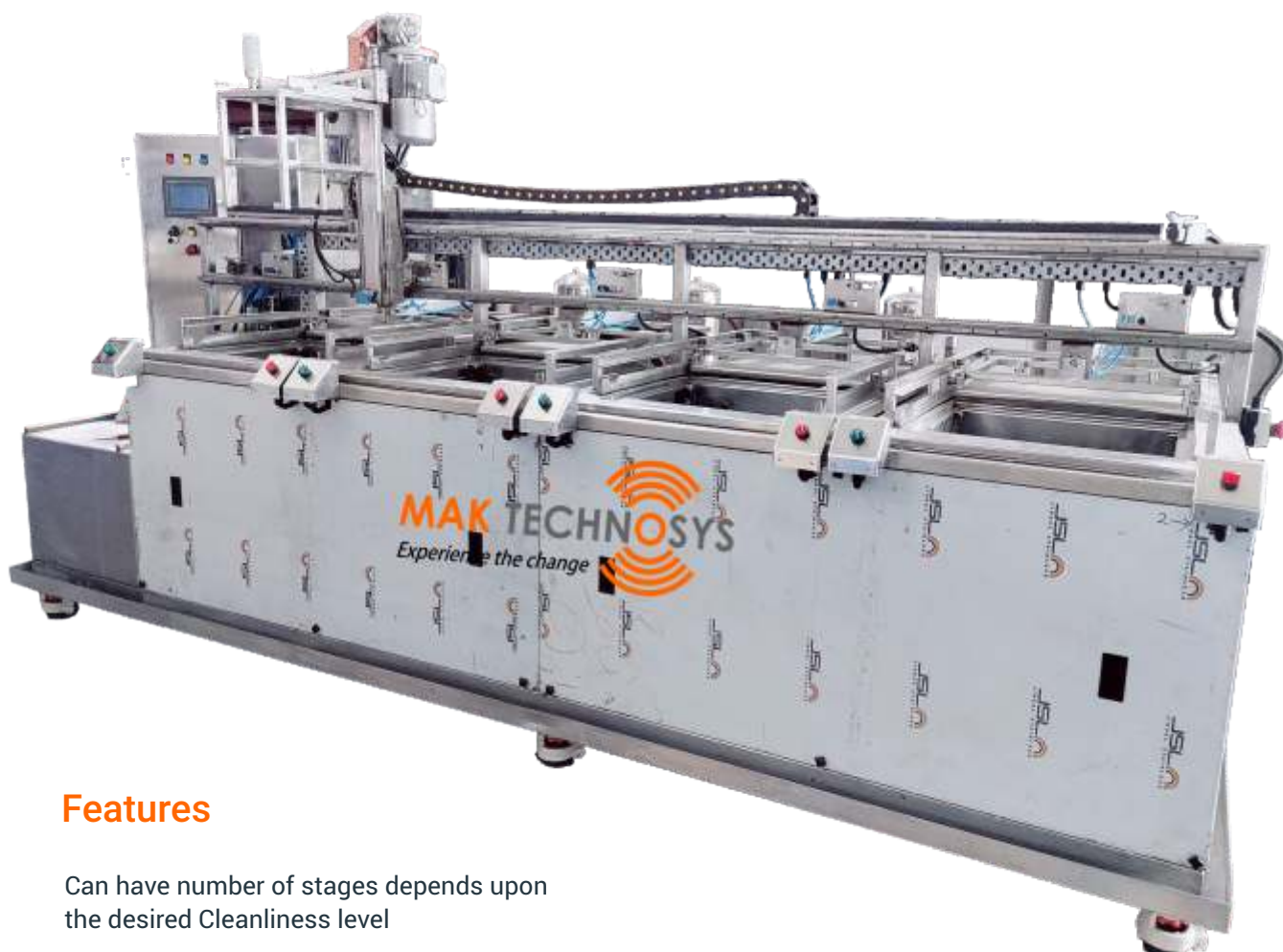
Optional -

- Chemical Dosing
- Auto filling and drain
- Fume Extraction system / Mist Collector
- Vacuum Drying
- Oil distillation
- Additional storage tank for 2nd rinsing



MCMP

Multi Chamber Multi Process



Features

Can have number of stages depends upon the desired Cleanliness level

Proper Exposure of components to cleaning processes, ensuring consistent cleaning and drying results

Settable Process times and other parameters, leading to flexibility of the system, also to adopt for unforeseen changes and operator-friendliness.

Multi-basket handling capability

Simultaneous treatment of parts in various chamber

Can be charged with available ultrasonic frequencies from 25 khz to 1 Mhz

360° rotation, specific degree tilting, clock wise, anti clock wise as will dunking is possible

High output

Equipment can be supplied in user-friendly, Standard or Custom Processing Baskets manual format or with full automation

Optional -

Conductivity / PH meter

Chemical dosing

Cascading Rinse Tanks

Auto filling and drain

Fume Extraction system / Mist Collector

Vacuum Drying

Oil distillation

Material handling system (single Arm or Multi Arm)

Tunnel Washer



Optional -

Ultrasonic

Dunking

Custom Part
Holding Fixtures

Enhanced Exhaust
System

Enhanced Filtration

Features

Utilizing spray or a combination of spray, immersion and ultrasonic technologies is possible

These washers can be customized as per specific application

Continues cleaning of parts possible with single component flow or with bath flow

Reliable solution for high volume cleaning application

Variable conveyor speed

Fully Automatic with PLC and HMI based control with safety interlocks

Loading and unloading at either end of equipment

Can be supplied with Single Stage or with Multiple Stages

Doors for easy access in each chamber

Modular design permits individual stations to be added in the field or any time after purchase

Bin Cleaning

High hourly output

Consistently high cleaning quality

Low space requirements

The possibility of extending systems on a modular basis

Customised solutions for specific customer needs



Mould Cleaning

Traditional cleaning methods are time consuming, labour intensive and abrasive. By using ultrasonic for mould maintenance, the result is a cleaner mould with reduced manual input and no wear leading to large cost savings.

Mak provides standard as well as fully customized solutions as per customer requirement.



Oil Skimmers and Sump Sucker

3 Series of Tube Skimmers

Providing all types of skimmers

PU Belt Skimmer
SS Slat Belt Skimmer
Disk Skimmer
Tube Skimmer
Heavy Duty Skimmer for ETP

Providing Filtration Units

Sump suckers
Centrifuge Oil Filtration Unit
Customised Filtration Unit till 0.3 micron

Magnetic filters till 11500 gauge value



Solvent base Ultrasonic Vapour Digressing



**Vacuum assisted solvent
base cleaning equipment**

Features

- High throughput
- Process Simulation on HMI
- Effective cleaning of intricate shapes, through & blind holes etc
- Solvent distillation plant in-built Useful for recycle, reuse of Volatile Organic Solvents
- Tailor Made sizes to suit production requirement
- Condenser system in-built
- Coarse filtration
- Water Separator
- Parts dunking mechanism
- Safety control of solvent flashpoint



**Hybrid
(water + solvent) base**

Optional -

- Ultrasonic
- Additional Rinsing Station
- Auto basket transfer
- Distillation unit



Coating Equipment

Features

- Phosphating, Zink Coating, Black-oxidation, MIP etc. coating equipments
- Can have number of stages depends upon the desired coating
- Proper Exposure of components during coating, ensuring consistent and even coating results
- Settable Process times and other parameters, leading to flexibility of the system, also to adopt for unforeseen changes and operator-friendliness
- Multi-basket handling capability
- Simultaneous treatment of parts in various chamber
- 360° rotation, specific degree tilting, clock wise, anti clock wise as well dunking is possible

Optional -

- Conductivity / PH / TDS meter
- Auto Chemical mixing and dosing
- Auto filling arrangements to maintain water level
- Ultrasonic 25Khz – 1 Mhz
- Filtration system to increase chemical bath life
- Fume Extraction system



Bench Top Ultrasonic Cleaners



- Many standard tank sizes are available with no limits on custom sizes. The MOC of tank can be selected from SS 304 to SS 316L. The cleaner also can be equipped with thermostatically controlled heater to improve cleaning. These cleaners are ideal for laboratory use, industrial cleaning, medical use, optical and jewellery cleaning and many other light duty uses that require a compact unit.

MAK Ultrasonic enables the addition of ultrasonic's to new or existing tanks or equipment without much change.

AHU Filter Cleaning Equipment

The Indexing/ Rotary AHU filter cleaning machine is designed to aim for a high cleanliness level and complete drying of filters. This is a top loading rotary type spray cleaning machine with an auto door. The Filters to be placed inside the rotary fixture located inside the AHU filter cleaning booth. After the cycle starts the door closes and filter starts rotating air purging done, Pressure washing done by special nozzle arrangement and drying cycle will be performed till preset time.

Features

- High Production Rate
- Adjustable Process
- Adjustable Spray Pressure and Flow
- Flexible process time (It can be set as per amount of contamination)
- Complete Stainless steel construction.
- PLC & HMI Controlled Process.
- Compact in Size
- Less operator fatigue with consistent cleanliness level.

Multistage operation in the same booth
Wet scrubber.
High pressure pump.
High pressure hot air blower



Oiling Machines

We provide all type of oiling machines

- Spray Oiling
- Mist Oiling
- Oil Dipping
- Converised Oiling Machine



Application Areas



Automotive Industry



Aerospace Industry



Nuclear Power Stations



Metal Working



Electrical Industry



Precision Mechanics



Electro-plating



Optical Industry



Textile Industry



Beverage Industry



PCB Manufacture



Jewellery industry

Our Clients





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