



TFCF Ultrasonic Cleaning Machine CE 800 Gallon For Reactor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: SKYMEN
- Certification: CE, RoHs, FCC
- Model Number: JP-1432ST
- Minimum Order Quantity: 1
- Price: Negotiation
- Packaging Details: wooden case
- Delivery Time: In Stock
- Supply Ability: 100 pcs per month



Product Specification

- Tank Volume: 800 Gallon
- Application: Cleaning Reactor
- Inner Tank Dimension: 2000*1500*1200mm
- Frequency: 28/40KHz Default
- Certification: CE, RoHS
- Material: Stainless Steel
- Highlight: **TFCF Ultrasonic Cleaning Machine,
Reactor Ultrasonic Cleaning Machine,
800 Gallon Ultrasonic Washing Machine**

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Product Description

CE 800 Gallon Large Ultrasonic Cleaning Machine For Reactor TFCF

Ultrasonic Cleaning Machine For Reactor

The reaction kettle is resistant to high temperature, corrosion, abrasion, and has strong production capacity. It is a container for physical or chemical reactions. It is widely used in medicine, dyes, petroleum, chemical, food and other industries to achieve process evaporation, heating, and cooling. And other functions, it is used to complete the process of vulcanization, nitration, hydrogenation, alkylation, polymerization and condensation reaction equipment. After the reactor is used for a period of time, it will become fouled, reduce the heat exchange performance, increase the reaction time, and aggravate the corrosion of the reactor equipment, so the reactor must be cleaned. The commonly used cleaning methods for reactors include chemical cleaning and mechanical cleaning.

Chemical cleaning

Choose the appropriate cleaning agent according to the dirt components in the equipment. This method can clean thoroughly and quickly remove dirt. However, it may cause corrosion to the equipment. This method is suitable for soft and thin dirt.

Mechanical cleaning

Use high-pressure water through the nozzle to flush and remove dirt. The cleaning cycle is long and time-consuming, but it will not cause equipment corrosion and can effectively clean hard dirt. Suitable for hard and thick dirt.

Chemical + mechanical cleaning method

Ultrasonic cleaning machine cleaning plus mild chemical cleaning agent can achieve the effect of quickly peeling thick dirt, and will not corrode the reactor equipment, will not cause damage to the equipment, and the cleaning efficiency is high.

Detailed Specification of this machine:

1	Model	JP-1432ST	
2	Parameter	Function	Ultrasonic cleaning
		Ultrasonic Frequency	28/40kHz (other frequency can be customized)
		Tank Material	SUS 304 (SUS 316 can be customized)
		Thickness of tank	3mm
		Inner tank dimension	2000*1500*1200mm
		Tank Capacity	3000L
		Transducer	432pcs
		Ultrasonic Power	21600W
		Heating Power	63000W
		Time setting of Ultrasonic	0~99 hours
		Temperature setting	Room temperature ~ 95°C adjustable
		Drain value	Available
		Water inlet/outlet	Available
		Generator	12 sets
		Generator power control	1800W
		Generator shelf	Available
		Basket	Available
		Basket load	600KG
3	Packing	Overall size	240*170*210cm
		Packing size	250*190*230cm
		Packing detail	By wooden case(No logs, free of fumigation)
		N.W/G.W	800KG/900KG
4	Power supply	380V 3 phase; 220V 3 pahse; 415V; 600V	
5	Warranty	1 year warranty for spare parts, all life technical support	
6	Certificate	CE, RoHS; FCC, REACH	
7	Lead time	20~30 working days after deposit	
7	Optional functions	Filtration cycle system	Available; capture dirty water, recycle clean water
		Lifting system for basket	Available; take the basket up and down
		Dunking system	Available; Speed up cleaning
		Bubbling	Available; need to connect air compressor
		Electrolysis	Available; For cleaning more complex structure mold
		Cooling system	Available; To cool down inflammable and explosive
		Constant temperature	Available;
		Roller barrel	Available; for clean coins and big quantity parts
		Anti-explosion electric box	Available;
		Deionized(DI) water	Available
		Double/Multi frequency	Available; 28/40/20/68/80/132KHz
		Other funtions	Negotiate via email



Other size and capacity for reference:

Brand	Skymen		
Model	JP-1216ST		
Inner tank size	1500*1000*1000mm	Capacity	1500L
Transducer	216pcs	Ultrasonic power	0~10800W Adjustable
Frequency	28/40KHz	Heating power	36000W
Max power	46800W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1288ST		
Inner tank size	2000*1200*800mm	Capacity	1920L
Transducer	288pcs	Ultrasonic power	0~14400W Adjustable
Frequency	28/40KHz	Heating power	45000W
Max power	59400W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1360ST		
Inner tank size	2000*1200*1000mm	Capacity	2400L
Transducer	360pcs	Ultrasonic power	0~18000W Adjustable
Frequency	28/40KHz	Heating power	54000W
Max power	72000W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1432ST		
Inner tank size	2000*1500*1200mm	Capacity	3000L
Transducer	432pcs	Ultrasonic power	0~21600W Adjustable
Frequency	28/40KHz	Heating power	63000W
Max power	84600W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1576ST		
Inner tank size	2500*1500*1200mm	Capacity	4500L
Transducer	576pcs	Ultrasonic power	0~28800W Adjustable
Frequency	28/40KHz	Heating power	63000W
Max power	91800W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1648ST		
Inner tank size	3000*1500*1200mm	Capacity	5400L
Transducer	648pcs	Ultrasonic power	0~32400W Adjustable
Frequency	28/40KHz	Heating power	63000W
Max power	95400W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1720ST		
Inner tank size	4000*1600*1000mm	Capacity	6400L
Transducer	720pcs	Ultrasonic power	0~36000W Adjustable
Frequency	28/40KHz	Heating power	66000W
Max power	102000W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1936ST		
Inner tank size	3500*1600*1300mm	Capacity	7280L
Transducer	936pcs	Ultrasonic power	0~46800W Adjustable
Frequency	28/40KHz	Heating power	66000W
Max power	112800W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

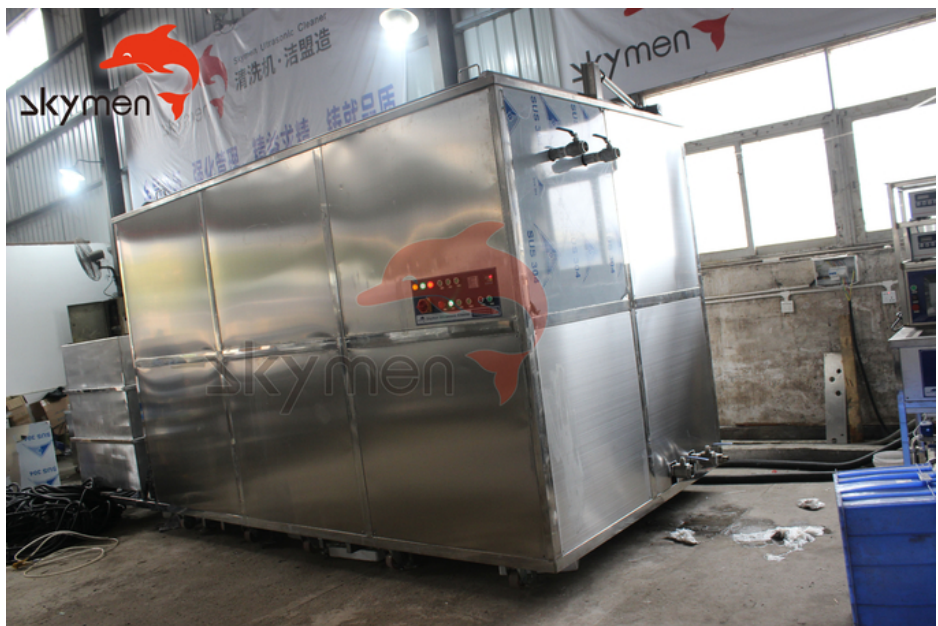
Brand	Skymen		
Model	JP-11152ST		
Inner tank size	2500*2000*1700mm	Capacity	8500L
Transducer	1152pcs	Ultrasonic power	0~57600W Adjustable
Frequency	28/40KHz	Heating power	69000W
Max power	126600W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-11224ST		
Inner tank size	3200*2000*1500mm	Capacity	9600L
Transducer	1224pcs	Ultrasonic power	0~61200W Adjustable
Frequency	28/40KHz	Heating power	69000W
Max power	130200W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-11368ST		
Inner tank size	8000*1200*1200mm	Capacity	11520L
Transducer	1368pcs	Ultrasonic power	0~68400W Adjustable
Frequency	28/40KHz	Heating power	69000W
Max power	137400W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-11512ST		
Inner tank size	8000*1600*1600mm	Capacity	20480L
Transducer	1512pcs	Ultrasonic power	0~75600W Adjustable
Frequency	28/40KHz	Heating power	72000W
Max power	147600W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Product show:



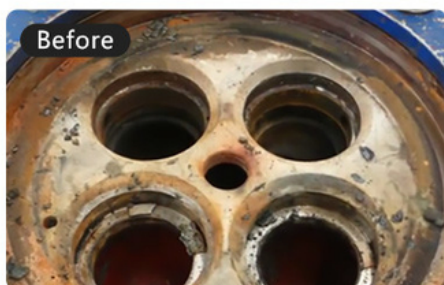
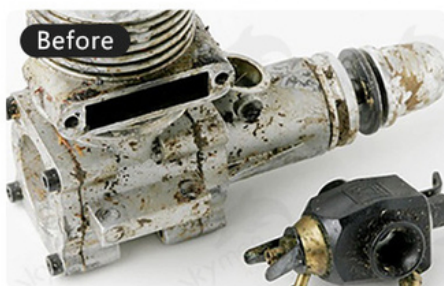
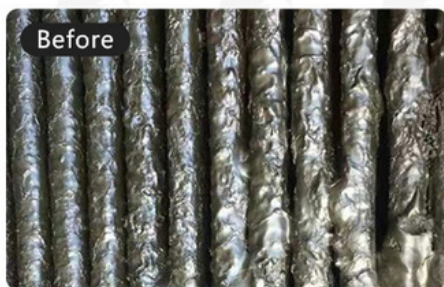


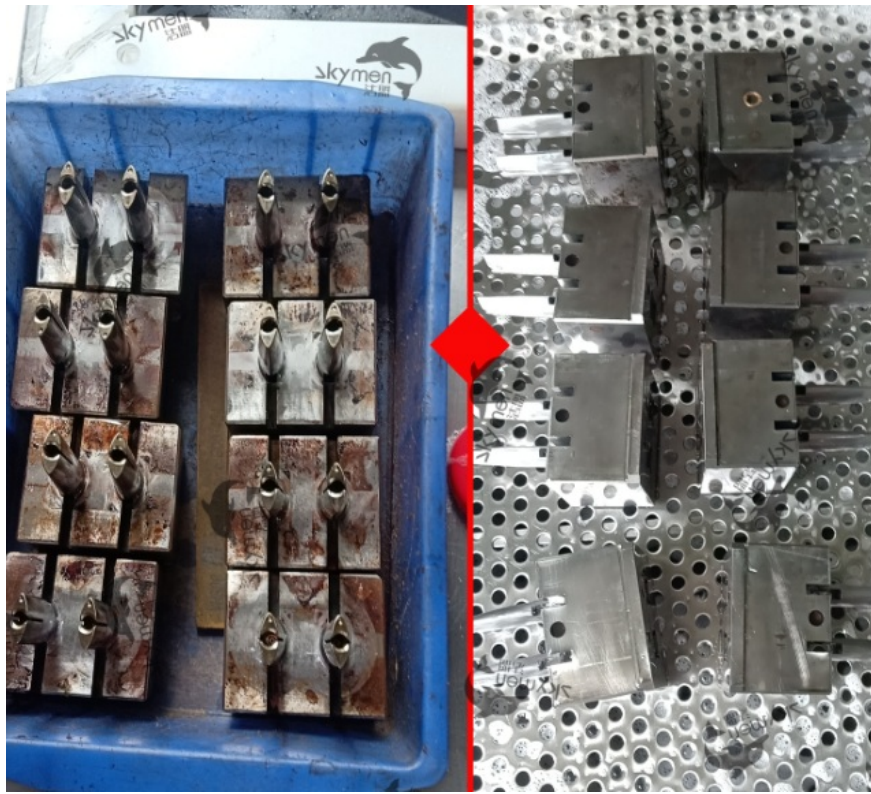


Cleaning effect show:

CLEANING EFFECT

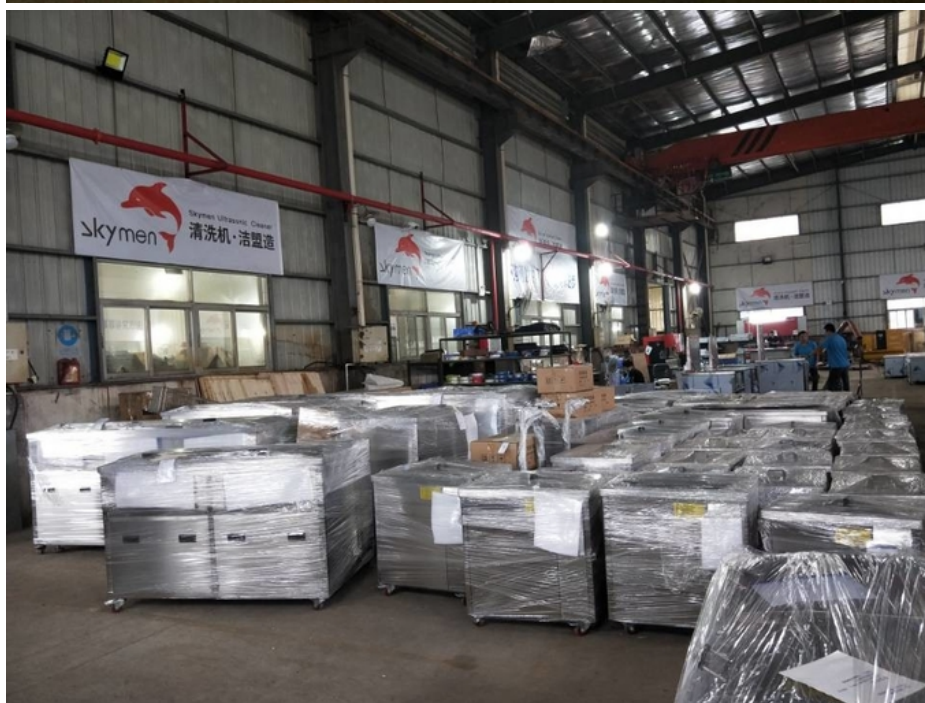
Better cleaning when cleaning with detergent





Skymen Cleaning Equipment Shenzhen CO., Ltd.





Daily maintenance

1. Pay attention to the explosion-proof distance when installing the reactor. Multiple sets of reactor equipment need to be placed separately to ensure good ventilation.
2. When choosing heat transfer oil, be sure to choose the corresponding model, and no water can be added.
3. After the reactor is installed, the nitrogen pressure must be maintained first to ensure that there is no leakage before starting work. If a leak is found, use soap foam to find the leaking point of the nozzle and pipeline. After finding the leaking point, release the gas and tighten it, and then maintain the pressure with nitrogen.
4. Metal rupture discs cannot be adjusted at will. After the metal rupture disc is blasted, it needs to be replaced with a new metal rupture disc. When replacing metal rupture discs, pay attention to the convex surface of the rupture disc.
5. After the reaction is completed, cool down, and discharge the gas in the kettle to the outside through the pipeline, so that the pressure in the reaction kettle is reduced to normal pressure. Note that it cannot be disassembled under pressure. Then loosen and remove the main bolts and nuts, remove the kettle cover and place it on the bracket, and pay attention to protecting the sealing surface when removing the cover.
6. When cooling down, use water for internal cooling and avoid rapid cooling to prevent excessive temperature difference from causing cracks in the cooling coil and the kettle body. During the working process, the temperature in the reactor is higher than 100°C, and the water jacket and magnetic stirrer between the cover of the reactor need to pass cooling water. The water temperature is less than 35°C to prevent the magnetic steel from being demagnetized.
7. When using the reactor, you need to close the refrigerant inlet valve, drain the refrigerant in the pot and jacket, then input the material, turn on the stirrer, then turn on the electric heating power and steam valve, turn off when the required temperature is reached, then turn off the stirring Device. After finishing, drain the remaining condensed water in the pot and jacket, rinse with warm water to remove the materials, and then use alkaline water to clean the inner wall of the container. When the boiler is empty, the steam valve and electric heating power supply shall not be opened, and the steam pressure shall not exceed the rated working pressure.
8. After the operation is completed, pay attention to the cleaning of the inside of the kettle. Use a cleaning solution to remove the residues on the reaction kettle and the sealing surface. Frequent cleaning is required to keep it clean. It is forbidden to clean with rough surface items.

9. Always pay attention to the working conditions of the entire reactor equipment and reducer, and replenish lubricating oil in time.
10. The electric heating medium oil must be replaced every six months.
11. Regularly check the safety valves, distillation holes, electric heating rods, pressure gauges, and electrical instruments in the jacket and pot cover and other parts, and repair them in time if they are found to be faulty.
12. When the reactor is not in use, wash the pot body frequently and clean the inner and outer walls of the container with warm water to keep it clean and make the equipment more durable



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