



2000L Large Capacity Ultrasonic Cleaner Heavy Mineral Ultrasonic Bath Cleaning Heat Exchanger

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SkyMen
- Certification: RoHS, CE, FCC, SGS
- Model Number: JTS-11920G
- Minimum Order Quantity: 1
- Price: 4,000USD / UNIT
- Packaging Details: Wooden case
- Delivery Time: In Stock
- Payment Terms: T/T
- Supply Ability: 800 pcs per month

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Product Specification

- Usable Dimension: 20 Ft X 6.2 Ft (length X Width)
- Vessel Volume: 7753 Gallon
- Ultrasonic Power: 96 KW
- Heating Power: 60 KW
- Generator: 40pcs
- Oil Skimmer: Available
- Overflow Tank: Equipped
- Weight (KG): 18000 Kg
- Highlight: 96 kW large capacity ultrasonic cleaner,
PLC Control large capacity ultrasonic cleaner,
Heavy Mineral Large Ultrasonic Bath

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Product Description

Ultrasonic Bath 2000L High Efficiency Heavy Mineral Big Ultrasonic Cleaner

Products Description of Ultrasonic Cleaner

Specifications of Mineral ultrasonic cleaner	
Model name	JTS-11920GS
Working vessel Dimensions	20 ft * 6.2 ft x 6.2 ft (LxWxH).
Cleaning vessel	cleaning vessel, length approx. 6.1 m.
Cleaning tank capacity	7753 Gallon
Material	all-stainless steel 304.
Total ultrasonic energy	max. 96 kW
Ultrasonic generator	40pcs, all installed on a shelf
Ultrasonic technology	electric control unit with climate control system
Transducer frequency	28 kHz or 40 kHz
Ultrasonic transducer power	ultrasonic power 1920x50W = 96 kW.
Heater	60 kW, electric. temperature approx. 20-95°C, in combination with ultrasonic power
Oil skimmer and separator	On behalf of removal of floating contaminants
Overflow tank	On behalf of maintaining the right liquid in cleaning vessel
Cover	for covering the cleaning tank top, hydraulically operated
Leveling	8 manually adjustable legs for system leveling
Basket	on behalf of safe positioning of parts; max. permissible weight 15 tonnes
Catwalk	at the front and rear; incl. 2 stairs.
Control	by means of a PLC.
Power supply	3 phase power
Shipment	designed for transport in a 40 ft container.

Details Images of Ultrasonic cleaner

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Characteristics of heat exchanger ultrasonic cleaner

Ultrasonic activity operates on similar principles to sound waves. As electrical energy is transferred to mechanical energy, it causes positive and negative pressure waves that generate microscopic bubbles that form on all surfaces throughout the component being cleaned. But these are no ordinary bubbles. The air bubbles in the fluid in ultrasonic cleaning equipment implode when they come into contact with a solid surface. This effect is known as cavitation. When the air bubbles implode, a powerful jet of fluid is created which comes into contact with the surfaces of the objects being cleaned at extremely high pressures and temperatures. This dynamic effect separates contaminants from all surfaces without damaging the object in any way. These micro-jet shock waves, combined with special ultrasonic cleaning solvents, remove bitumen, heavy oils, fats lime scale deposits and other (chemical) waste products in refineries much faster and more thoroughly than conventional methods (high pressure, steam, mechanical and chemical cleaning).

Usage: The system is developed to generate a faster and higher cleaning level by means of ultrasonic power, in combination with specialized chemicals (degradable). Due to the microscopic level a perfect inner and outer penetration will be created.

Application of ultrasonic cleaner



Same Series Ultrasonic cleaner Machine List

Model	Tank size L*W*H (mm)	Volume (L)	Transducer (pcs)	Ultrasonic Power (W)	Heating Power (W)
JP-120ST	500X300X250	38	12	600	1500
JP-180ST	500X350X300	53	18	900	1500
JP-240ST	550X400X350	77	24	1200	3000
JP-300ST	550X450X400	99	30	1500	4500
JP-301ST	800X300X400	96	30	1500	4500
JP-360ST	600X500X450	135	36	1800	4500
JP-480ST	700X500X500	175	48	2400	6000
JP-600ST	800X600X550	246	60	3000	6000
JP-720ST	1000X600X600	360	72	3600	9000
JP-840ST	1500X700X400	420	84	4200	15000
JP-960ST	1200X500X800	480	96	4800	15000
JP-1108ST	1000X900X600	540	108	5400	18000
JP-1120ST	1000X800X800	640	120	6000	21000
JP-1132ST	1000X1000X800	800	132	6600	24000
JP-1144ST	1000X900X600	960	144	7200	24000
JP-1180ST	1200X1000X1000	1200	180	9000	36000
JP-1192ST	1200X1200X1000	1440	192	9600	36000

Cleaning Effect of big Ultrasonic cleaner



Skymen ultrasonic cleaner

The customized single tank ultrasonic cleaning equipment adopts stainless steel structure, which is fully in line with the industry standard industrial ultrasonic cleaning machine. Thickened high-quality stainless steel cleaning tank, the latest perfect anti-corrosion design, has excellent corrosion resistance, and can be used in various harsh working environments. The integrated body design, built-in ultrasonic generator, analog circuit and digital circuit combined control technology, make the speed machine better performance, convenient to use, simple to operate, and more user-friendly. It is a very ideal large-scale industrial ultrasonic cleaning machine.



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