Spinneret Plate Ultrasonic Cleaning Machine With Circulation Filter System 28KHz

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: SKYMEN
- Certification: CE, RoHS, FCC, REACH
- Model Number: JP-301G
- Minimum Order Quantity: 1
- Price: Negotiation
- Packaging Details: Wooden case
- Delivery Time: In Stock
- Payment Terms: T/T

Product Specification

- Model: JP-301G
- Internal Tank Size: 800*300*400mm
- Frequency: 28 / 40KHz
- Transducer: 30pcs
- Ultrasonic Power: 1500W
- Heating Power: 3000W
- Capacity: 96L
- Application: Spray Flannel Mold Cleaing
- Function: Removing Dirt, Rust, Oil, Grease
- Filter: 1 Set
- Highlight: **Spinneret Plate Ultrasonic Cleaning Machine**, **96L 28KHz Ultrasonic Cleaning Machine**, **1500W REACH Sonic Wave Ultrasonic Cleaner**

Product Description

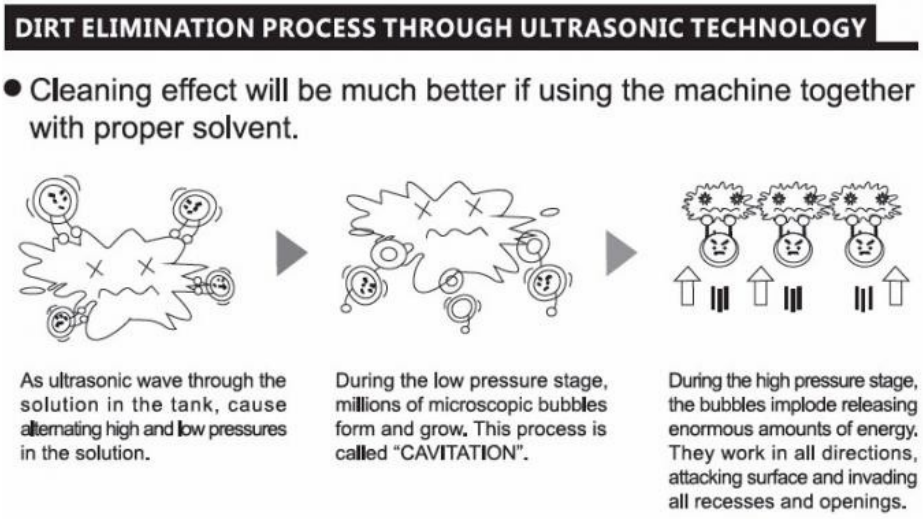
100L Ultrasonic Cleaning Machine for Spinneret Plate with Circulation Filter System 28KHz

Application in Spinneret Plate:

The spinneret is one of the important parts of the spinning machine. Its function is to convert the viscous polymer melt or solution through the micropores into a fine flow with a specific cross-section, which is solidified by the solidification medium or the solidification bath And form a thread. During the spinning process, the spinneret will be blocked by mechanical impurities, carbon fiber, gel, etc. When the spinneret is partially blocked, the spinning solution will diffuse on the outer surface of the spinneret / plate, resulting in raw silk Unevenness of fineness and problems such as thinness and wool. When the spinneret hole is completely blocked, it will greatly increase the fiber breakage rate and have a great impact on the fiber quality. Therefore, the spinneret must be cleaned regularly.

The traditional spinneret cleaning methods such as chemical, physical or mechanical will cause the spinneret holes to wear out resulting in erosion, microcracks, irregular pore diameters, etc. Therefore, the cleaning method with good cleaning effect and no damage to the spinneret holes should be selected In order to solve the problem of clogging of the spinneret holes and the damage caused by the cleaning process to the spinneret holes, many factories now use ultrasonic cleaners to clean the spinneret / plate.

Ultrasonic cleaning is a widely used and effective cleaning method in the industry. Its working principle is that when the ultrasonic wave propagates in the cleaning liquid, the tiny bubbles in the cleaning liquid vibrate under the action of the sound field. When the sound pressure reaches a certain value, The air bubbles will increase rapidly, and then blast at the moment of closing to produce a shock wave that can reach thousands of atmospheric pressure. The shock wave reduces the adhesion of the stain and the workpiece to be cleaned, which can destroy the insoluble stains and disperse them in the cleaning liquid to achieve the cleaning. purpose. Although the burst energy of the bubbles is high, because the volume of each bubble is very small, it will not cause mechanical damage and obvious temperature rise for the workpiece.



The number of bubbles generated by the cavitation effect in the cleaning fluid is numerous and ubiquitous, so the cleaning of the workpiece can be very thorough, even if the inside of the workpiece with a complicated shape, as long as it can come into contact with the cleaning fluid, it can be thoroughly cleaned. So as long as the spinneret / plate is immersed in the cleaning liquid, all parts of it can be fully cleaned, including deep holes, slits and grooves.

Compared with other cleaning methods, the ultrasonic cleaning spinneret has the advantages of good cleaning effect, short time, cost saving, and convenient operation. Therefore, the ultrasonic cleaning technology is the most ideal cleaning method for cleaning the spinneret. With the development of the textile industry, there will be more and more enterprises using ultrasonic cleaning spinnerets. Ultrasonic cleaning machines will be used more in the textile industry.

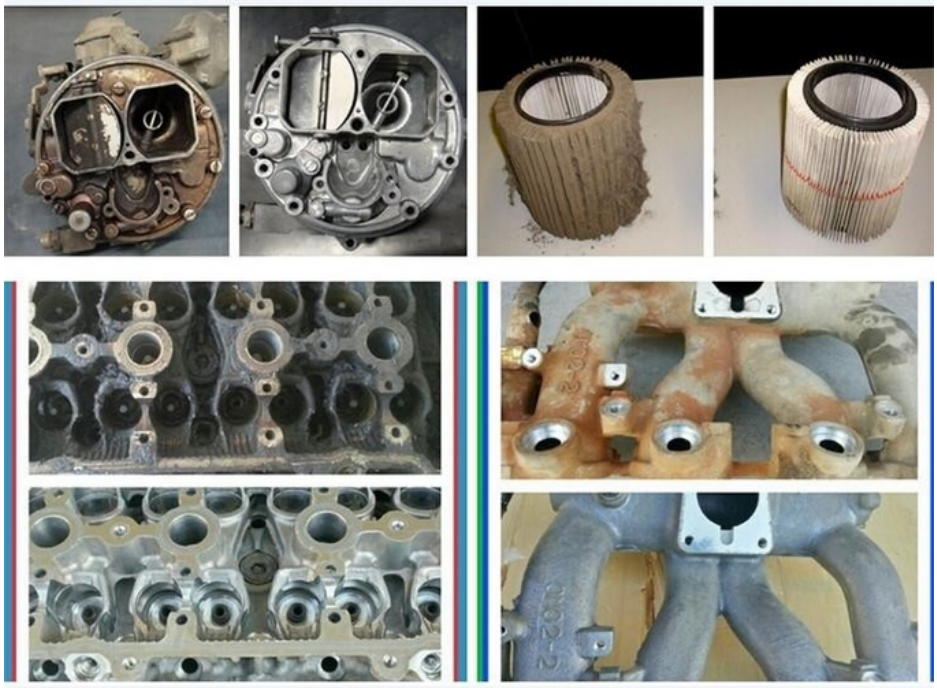
Specifications:

Model name	JP-301G
Internal tank size	80*30*40mm

Application	Clean Spray Flannel Mold
Function	Removing dirts, oil, ruG, grease
Feature	No damage to precision mold
Tank capacity	96L
Transducer	30pcs
Ultrasonic power	1500W
Heating power	3000W
Time control	0~99 minutes
Temperature control	20~95℃
Water inlet / outlet	Yes
Voltage	220V / 110V
Filter	1 set

Image of this machine:

Cleaning effect of this machine:



Same models with different capacity

Model	Capacity	Tank Size	Transducers	Ultrasonic Power	Heating Power	Frequency
	(L)	(L*W*H)mm	(pcs)	(W)	(W)	(KHz)
JP-120G	38	500X300X250	12	600	1500	28/40
JP-180G	53	500X350X300	18	900	1500	28/40
JP-240G	77	550X400X350	24	120	3000	28/40
JP-300G	99	550X450X400	30	1500	3000	28/40
JP-301G	99	800X300X400	30	1500	3000	28/40
JP-360G	135	600X500X450	36	1800	4500	28/40
JP-480G	175	700X500X500	48	2400	6000	28/40
JP-600G	264	800X600X550	60	3000	6000	28/40
JP-720G	360	1000X600X600	72	3600	9000	28/40

JP-1108G	540	1000X900X600	108	5400	18000	28/40
JP-1144G	960	1200X1000X800	144	7200	27000	28/40

Cleaning video:

Main performance characteristics

The washing machine is operated by single chip software.
The cleaning machine's sound reduction cover and cleaning tank are made of high quality stainless steel.
The washing machine has good sealing performance and has sound insulation and heat insulation effect.
Digital display over temperature, over voltage, over current, low water level, no solution protection indication.
Digital memory, setting display ultrasonic working time, ultrasonic power, liquid level (and actual liquid level), heating temperature (and actual temperature).
The cleaning machine circuit has an automatic frequency sweep function, which can generate a continuous pulse jet, which makes the cleaning effect more obvious and the work is more stable.
The cleaning circuit and device are upgraded and matched, and the power conversion rate is high and the reactive power loss is low.

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