

Full Automatic Ultrasonic Cleaner For Hydraulic Parts

GENERAL DESCRIPTION >>

Full automatic ultrasonic cleaning machine also called mechanical-arm ultrasonic cleaner. Through mechanical arm, to move the whole basket with parts entering into the specified process. Use the PLC intelligent control for whole machine, along with rotary, successively to finish ultrasonic clean, ultrasonic rinsing, ultrasonic pure water rinsing, moveable air cutting, hot air drying and cooling down, will have 5 tanks to 16 tanks, etc. After cooling, manipulator will hoist the basket to the unloading station. Customized design available, according to the actual needs of customers.

Type: Single mechanical arm or multiple mechanical arm

Function: To realize the automatic loading/unloading and transmission between tanks, thus for large labor cost saving and cleaning quantities highly increased.



Heating	Constant temperature heating
Voltage/Power Supply	220v/380v/415v/440v optional
Material	Stainless steel
Ultrasonic directions	Three sides or down side
Applications	Carbon clean; Oil, grease, fouls clean; Cutting liquids, metal particles, dirties clean
Timer/ Temperature	Digital display
Ultrasonic frequency	28khz/40khz/60khz optional
Single tank capacity	130L,200L,308L,500L,760L,960L,1200L,2600L; Customized
Optional function	Ultrasonic clean/rinsing, air cut, drying, demist, cooling
Advantages	High Efficiency; High Reliability; Energy saving; Cleaning completely; Environment protective

KEY FEATURES >>

AA. PLC & Touch screen auto control system, Single or multiple mechanical-arm type auto loading and unload device (such as the roller for loading/unloading), full closed for dustproof, with functions as ultrasonic, bubbling, vacuum clean, air cutting, drying, rustproof and advanced demisting system.

BB. Single manipulator or combination of multiple manipulators to realize high requirement of cleaning;

Fully controlled PLC and operational interface with touch screen for easy operation and control;

Automatic feeding and discharging station to accurately re-assemble/disassemble working pieces;

Purification of drying tank and unique pre-treatment technology of drying;

Functions of vacuum cleaning to ensure thoroughly cleaning;

Fully enclosed housing and exhausting system to ensure good working environment.

A. Adopt single-beam arm type manipulator, to realize the workpieces to left entering into and the right entrance discharging, thus to realize the whole automatic cleaning process. Alongside to use the position switches for limitation or stop.

B. Adopts imported brake motor to realize the longitudinal and lateral movement of the cleaning parts. The turbine vortex rod reducer driven the chains, slider, roller to bring the workpieces for the implementation of moving up, down, left and right.

C. Fitted with timer for cleaning time setting, cleaning cycle will be continuously adjustable.

D. Adopt the imported PLC computer control manipulator, manipulator have automatic and manual two kinds of control mode, and the positioning of the manipulator adopts non-contact proximity switch. Adopt mechanical position switch for limitation or stop.

E. On the control panel, and equipment front, middle and behind part of the equipment will be fitted with the manipulator emergency stop and start button.

PRODUCT DISPLAY

◆ Full-automatic vacuum ultrasonic cleaning machine



◆ Full-automatic multi-arm ultrasonic cleaning machine



◆ Basket rotating ultrasonic cleaning machine



◆ Full-automatic hydrocarbon ultrasonic cleaning machine



CLEANING PARTS GALARY

