

ROBOSONIC is an automatic ultrasonic cleaning system designed for high quality cleaning of different industrial components. All the cleaning processes are automatic and continuous with least operators' interference and scope to precise cleaning process. The cleaning system are customized according to different cleaning requirements.



APPLICATIONS

ROBOSONIC series is ideal full automatic continuous cleaning machine for different metal, plastics, ceramics parts to removes oil, grease, dirt, dust, chips, mud, corrosion, production slag of the surface of parts in inter-process cleaning or for precision cleaning before assembling.

TYPICAL APPLICATIONS:

- Machinery Industry
- Repair and Maintenance Industry
- Automotive, Railway, Ship, Aerospace Industry
- General Engineering Industry
- Precision Metal Industry
- Surface treatment & Processing Industry
- Glass & Optical Industry
- Electronic & Semiconductor Industry
- Photovoltaic Solar Industry

- Medical Industry
- Printing Industry

FEATURES

- Flexible configuration possibilities ensure ideal solution for any cleanliness requirement.
- The full automatic and continuous running to save labour cost mostly.
- Custom designed Cleaning & Processing Lines having from 2 to 10 or more Washing / Rinsing / Drying stages.
- Machine is equipped with PLC and Programmable HMI interface. Flexibility in setting of almost all parameters, including cycle time.
- Touchscreen interface, friendly human-computer interface
- Equip with mechanical arm to transport between different stations and save labour cost.
- Equip with automatic loading and unloading platform to load and unload cleaning pieces easily.
- Optionally, we can fit rotary, dunking, spray, bubbling cleaning functions to ensure rapid and uniform cleaning.
- High efficiency drying system to drying the piece quickly.
- It can be fitted with a frame or an enclosure ensuring safety during the operation, as well as a vapor extractor.
- Keer new generation circuit board has stronger power and more stable;
- Fast degassing function at the start of the ultrasonic cycle to remove gases from the solution for maximum ultrasonic cleaning performance;
- Auto-tune technology with Sweep and power adjustment for more stable and better effect.
- Original Germany CeramTec piezoelectric ceramic chip, good quality assurance.
- Full-bridge IGBT module, high pressure resistant & high temperate resistance.
- Transducers are fixed by stud welding and Switzerland glue to avoid shedding.
- Ultrasonic power adjustable linearly.
- SUS304/SUS316 thickening stainless steel, acid-proof and alkali-resisting with long work life.

FUNCTIONS

- **Treatment tank function for choosing:**
 - Ultrasonic cleaning
 - SonicJet cleaning

- Spray washing
 - Pickling & Activating
 - Passivating for rust protection
 - Rinsing
 - Bubbling rinsing
 - Drainage
 - Slow-lifting drainage
 - Protection against corrosion
 - Blowing drying
 - Hot air drying
 - Vacuum drying
 - Basket dunking
 - Basket rotation
 - Basket swing
- **Bath maintenance options, for example:**
- Storage tanks
 - Circulation and filtration system;
 - Oil skimmer;
 - Oil/water separator units;
 - Steam extraction fan & steam condenser units
 - Auto fresh water refill;
 - Auto detergent dosing unit;
- **Other functions for choosing:**
- Electric, gas, diesel or steam powered fluid heating;
 - Special fixture according to washing parts;
 - Loading trolley.

PICTURES FOR REFERENCE

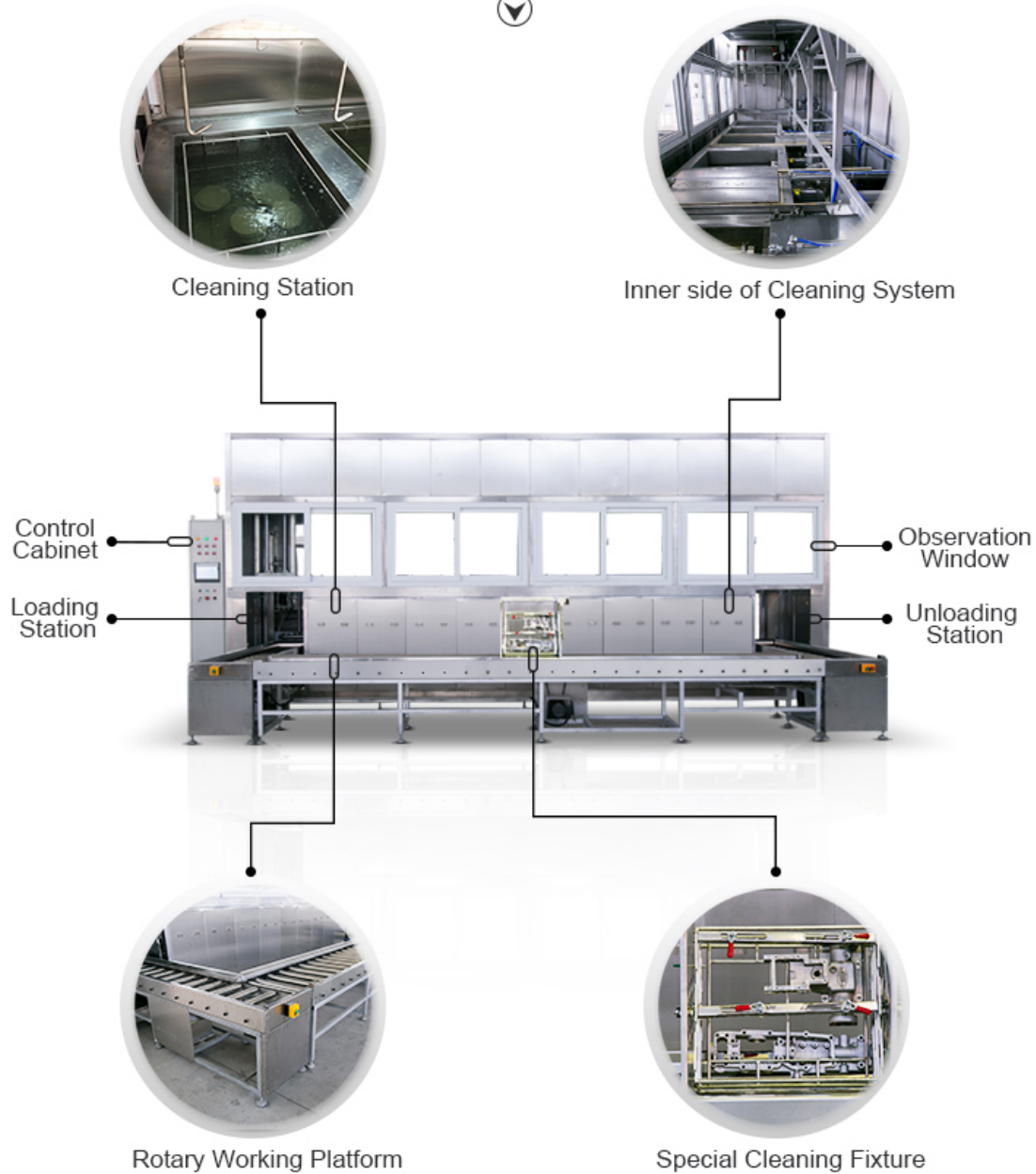
- **Overall**



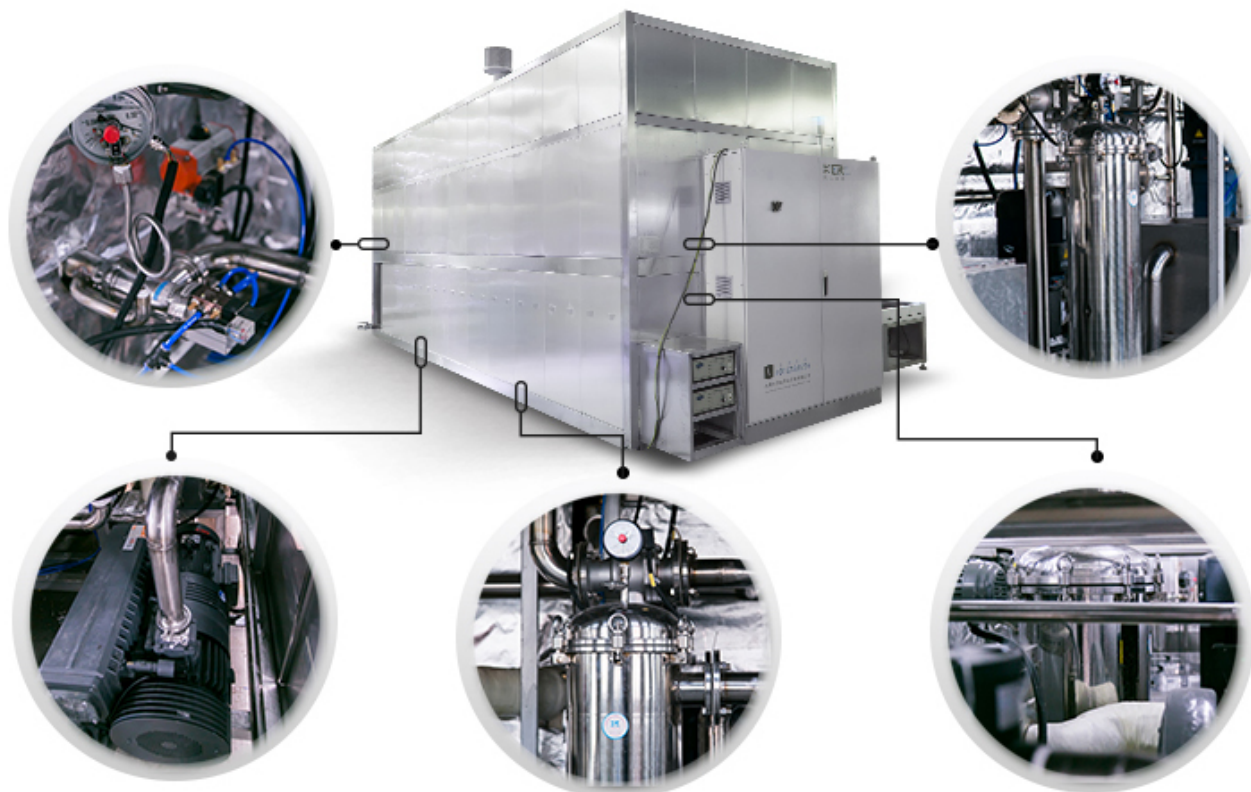


➤ **Details**

FRONT VIEW



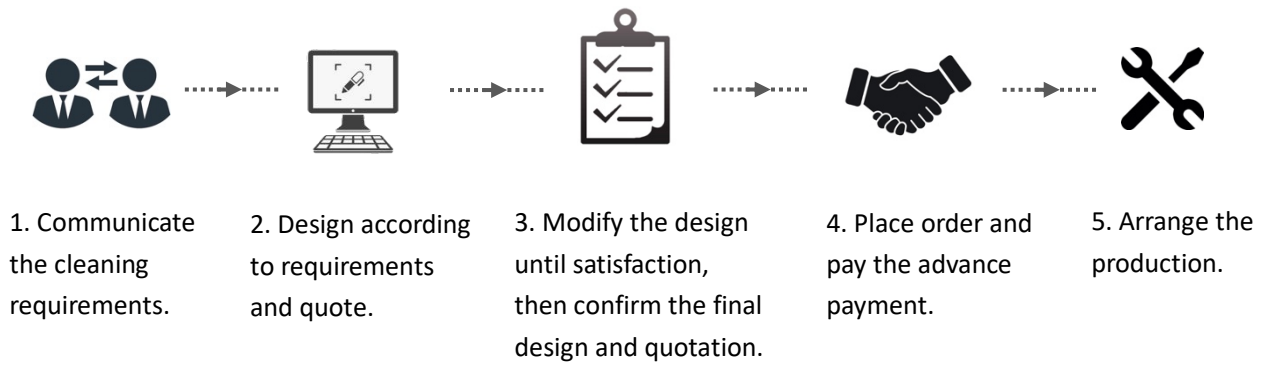
BACK VIEW



CONTROLLER



CUSTOMIZATION PROCESS



 **KEERTEK KEER INTERNATIONAL CO., LTD.**

Add: Building F7, Yinfeng International Biocity, No. 1177 Chunlan Road, Jinan, China.

Contact us: info@keerclean.com • www.keerclean.com