

## Dual Stage Ultrasonic Cleaning Machine with Roller for Efficient Industrial Cleaning

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong
- Brand Name: Skymen
- Model Number: JTM-2144GS (360L without agitator system)  
JTM-2144GS (360L with agitator system)
- Minimum Order Quantity: 1 Unit/Units

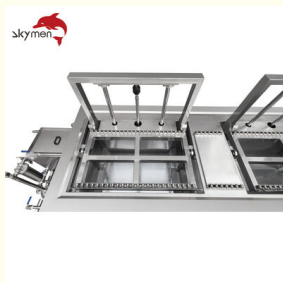


### Product Specification

- Model NO.: JTM-2144GS
- Material: Stainless Steel
- Frequency: 28/40KHz
- Capacity: 38-1500L
- Inner Tank Size: 500\*300\*250mm-1500\*1000\*1000mm
- Transducer: 24-432
- Ultrasonic Power: 0-21600w
- Heating Power: 1500-27000w
- Timer: 0-99H
- Temperature Control: Room Temp - 95



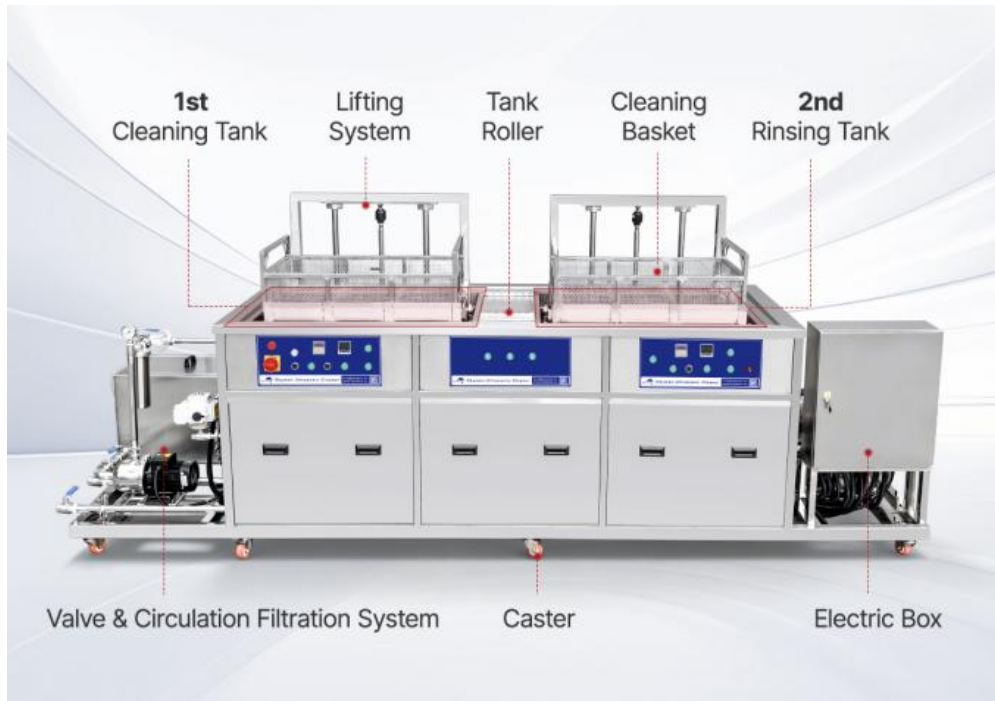
### More Images



## Product Description

### Dual Stage Ultrasonic Cleaning Machine with Roller

This industrial-grade dual stage ultrasonic cleaning machine features an integrated roller system for efficient and thorough cleaning operations. Designed for manufacturing and industrial applications, it provides superior cleaning performance with its two-stage ultrasonic process. Suitable for industrial-scale degreasing and cleaning operations for large batches of hardware components, mechanical parts, bearings, engine blocks, and similar workpieces. The machine features an all-stainless steel structure, ensuring stable and durable operation; it supports various customized process configurations and non-standard designs tailored to specific requirements.



The machine comprises several key functional modules: a primary cleaning tank, a lifting system, internal rollers, a cleaning basket, a secondary rinsing tank, a valved circulation and filtration system, mobile casters, and an independent electrical control cabinet. The overall layout is scientifically designed to facilitate workpiece loading and unloading, as well as maintenance of piping and electrical systems; the compact structure saves workshop floor space and simplifies the overall planning and layout of the production line.

#### 1. Integrated Dual Stage Cleaning Process

Featuring an independent dual stage design, the system performs deep ultrasonic cleaning 1st tank and heated rinsing 2nd. This combines both cleaning and rinsing into a single step, preventing re-contamination of workpieces with oil and significantly enhancing cleanliness.

#### 2. Circulation Filtration and Lifting & Agitation System

Equipped with a circulating filtration unit to reduce the frequency of cleaning fluid changes; a vertical agitation mechanism ensures full contact between the workpiece and the fluid, resulting in more uniform and thorough decontamination.

#### 3. Roller Transfer Design

A roller transfer mechanism between the tanks significantly reduces the manual handling burden for heavy workpieces, minimizes transfer time between process stages, and boosts the operational efficiency of the entire cleaning line.

#### Customized Processes

#### Comparison of Cleaning Results