





NEXACLEAN
TECHNOLOGY

INTEGRATED PARTS CLEANING SOLUTIONS

www.nexacleantechnology.com

Welcome To NexaClean Technology Pvt Ltd

Corporate Overview

NexaClean was founded with a clear vision to redefine industrial cleaning technology market through innovation, engineering excellence & customer focused solutions. Built by professionals who began their careers in the industrial cleaning industry.

NexaClean Technology combines years of hands-on expertise with modern technology to deliver high-performance component cleaning systems for diverse industrial applications. We are keen on designing & delivering products which is consistent that would be environmentally friendly. All of our products is tailored to suit with customer needs

At NexaClean, we are able to closely monitor step by step production process. From sourcing & procurement of Raw Materials to final product, Assembly, Testing & Inspection every single step is executed inside our plant. In this way we are capable of creating unique product & ensuring highest quality.

Why Choose NexaClean

Technology & Engineering Excellence

NexaClean Technology integrates modern design methodologies and advanced manufacturing practices to deliver globally competitive systems. Our core technical strengths include:

- ☑ Machine designed adopting Advanced Software
- ☑ PLC-driven automation systems
- ☑ Testing & validation through Millipore level
- ☑ Robotic integration

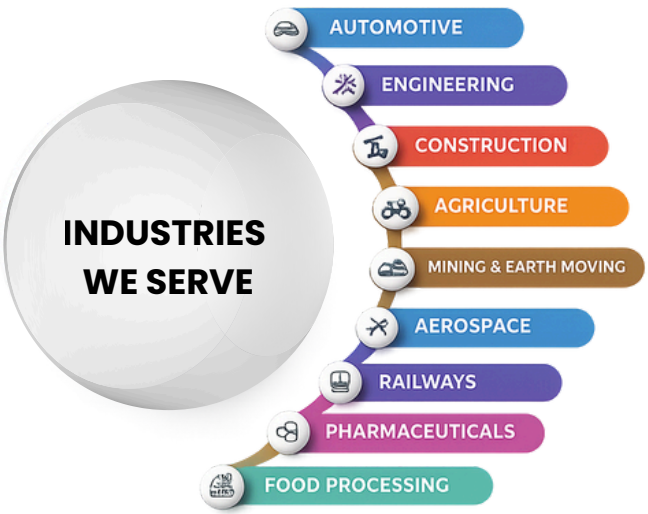


OUR VISION

To establish NexaClean Technology as a globally respected brand in industrial cleaning systems through engineering excellence, innovation, and customer centric solutions.

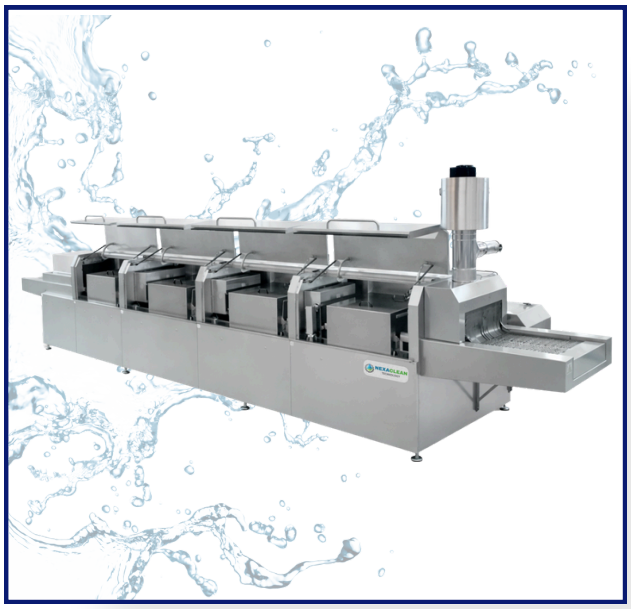
OUR MISION

To provide high-performance, energy-efficient, and customized cleaning systems that enhance manufacturing productivity while maintaining international quality standards.



NEXACLEAN TECHNOLOGY

CONVEYORIZED PARTS WASHER



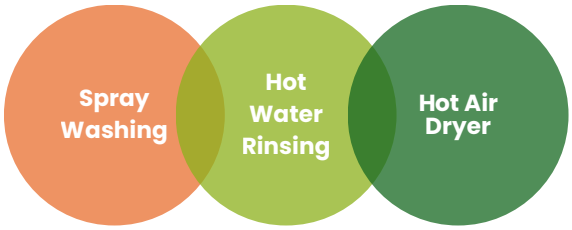
The Conveyor Parts Washer has been designed for high-volume production, the tunnel washing machine offer a reliable and high-performance solution for continuous washing and degreasing of small components.

Components are automatically transported on a conveyor belt through each stage of the cleaning cycle. The speed of Conveyor can be easily adjusted by the operator, ensuring maximum control and process optimization. All the cleaning process such as Spray Washing, Hot Water Rinsing & Hot Air blow drying all done in separate chamber.

The washing section uses high-pressure jets and detergents to remove grease, dirt, oil, and other contaminants from the parts. Customizable nozzle configurations ensure efficient cleaning for parts of different shapes and sizes. After washing, parts are passed through a rinsing section where clean water removes any detergent residues, ensuring that the parts are free of any contaminants before drying. The drying section uses heated air and blowers to efficiently dry the parts, preventing water spots formation and ensuring that they are ready for further use.

Once cleaned and dried, the parts exit through the discharge conveyor system, ready for sorting, assembly, or packaging. Our conveyor washing systems dramatically reduce labour costs, water usage, and detergent consumption while improving throughput and cleaning accuracy and provides consistent, repeatable results.

SEQUENCE OF CLEANING PROCESS



CLEANING SOLUTIONS WE PROVIDE



FEATURES

- All contacting areas (Tanks, Chamber) are made up of stainless steel AISI 304
- Stainless steel circulation pump
- Oil Skimmer
- Recycling Filtration System
- Lifting Door Arrangement
- Vapor Extraction Unit
- Component Basket with Trolley
- Control Panel with PLC system & HMI Display

OPTIONS

- Oil Separator
- Tank Drain pump
- Drip Tray
- Safety Light Curtain
- Conveyor Return to Operator (Loading & unloading on same point)
- Automatic water filling
- Automatic chemical dosing

BENEFITS

- Higher Productivity
- Energy Efficient & Water conservation
- User friendly operation
- Loading & unloading with easier & comfortable
- Energy efficient design with all necessary safety Interlocks

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TECHNICAL SPECIFICATIONS

DESCRIPTION	UNIT	NX - CW 400	NX - CW 600	NX - CW 800
Conveyor Width	mm	400	600	800
Loading Height	mm	900	950	950
Tank Liquid Volume	Ltrs	250	350	400
Heating Capacity	Kw	9	18	18
Pumping Pressure	Bar	3 - 4	4 - 5	5 - 6
Pump Flow Rate	Ltr / min	150 - 160	160 - 180	200 - 240
	m^3 / Hr	9	10-11	12-13
Pump Motor	Kw	2.2	3.2	4
Cleaning Temperature	°C	60 - 65	60 - 65	60 - 65
Hot Air Blow Temperature	°C	80 - 85	90 - 95	90 - 95
Hot Air Blow Heating Capacity	Kw	4	5.5	7.5
Electrical Rating	Volt/Hz	230 / 400	230 / 400	230 / 400
Steam Extraction	Kw	0.55	0.75	0.75

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