





NEXACLEAN
TECHNOLOGY PVT LTD.,

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

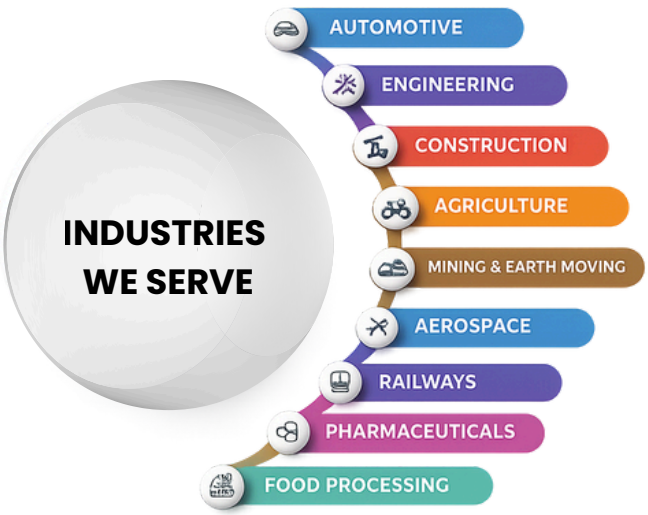


OUR VISION

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.



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CONVEYORIZED CRATES / TRAY WASHER

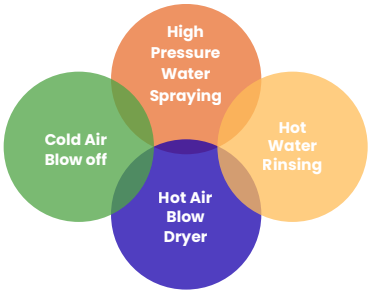


The Conveyor type Crates & Tray Washer has been designed for high-volume production, obtaining maximum energy efficiency and to reduce water & detergent consumption. The Crates are cleaned in the main wash zone by high-pressure nozzles supplied with water through powerful energy-efficient pump by hot water through Electric heating & thermostatically controlled. The main tank is filled with water connection and is equipped with sensors to detect levels.

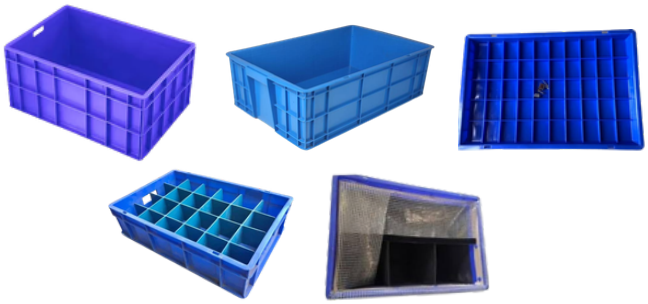
This Industrial Crate Washer can be carried out with various drying and filtration systems. The machine is designed for economical running costs, easy operation and maintenance due to access doors at both sides with operator protection. With fast cycle times, automation, & stainless steel construction, our cleaning systems help you reduce labor costs, prevent production bottlenecks, and stay audit-ready at all times.

The basic Equipment is designed to have a capacity to clean Minimum 100 - 150 crates per hour. In addition cleaning outputs can be determined & customized by having range of multiple options depending on the needs & process.

SEQUENCE OF CLEANING PROCESS



CLEANING SOLUTIONS WE PROVIDE



FEATURES

- High Pressure cleaning Technology
- Removes Dirt, grease, oil & other contaminations
- Adopted with multiple washing process based on cleaning needs & hygiene
- Access doors on wash and rinse section with safety interlocks
- Adopted with various stages of filtration systems
- Variable speed conveyor drive
- Control Panel with PLC system & HMI Display

OPTIONS

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

BENEFITS

- Robust Stainless Steel construction
- Higher Productivity
- Energy Efficient & Water conservation
- User friendly operation
- Minimizes Operation cost
- Loading & unloading with easier & comfortable

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TECHNICAL SPECIFICATIONS

DESCRIPTION	UNIT	NX - CTW 600	NX - CTWR 600
Conveyor Width	mm	600	600
Number of Zones	-	2	3
Cleaning Process (Zone 1)	-	Spray Washing	Spray Washing
Cleaning Process (Zone 2)	-	Hot Air Blow Dryer	DM Water Rinse
Cleaning Process (Zone 3)	-	-	Hot Air Blow Dryer
Capacity Output	No's /hour	150	80-100
Loading Height	mm	900	950
Wash Tank Volume	Ltrs	300	400
Rinse Tank Volume	Ltrs	-	200
Wash Tank Heater	Kw	18	27
Rinse Tank Heater	Kw	-	9
Wash Pump Pressure	bar	3-4	4-5
Rinse Pump Pressure	bar	-	2-3
Wash Pump Flow Rate	Ltr / Min	150 - 160	160 -200
	m^3 / hr	8-9	11-12
Rinse Pump Flow Rate	Ltr / Min	-	80- 100
	m^3 / hr	-	5-6
Wash Pump Motor	Kw	2.2	3.2
Rinse Pump Motor	Kw	-	1.2
Cleaning Temperature	°C	60-65	60-65
DM Water Rinse Temperature	°C	50-60	50-60
Hot Air Blow Temperature	°C	80-85	90-95
Hot Air Blow Heating Capacity	Kw	4	5.5
Electrical Rating	Volt/Hz	230/400	230/400
Steam Extraction	Kw	0.55	0.75

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