





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

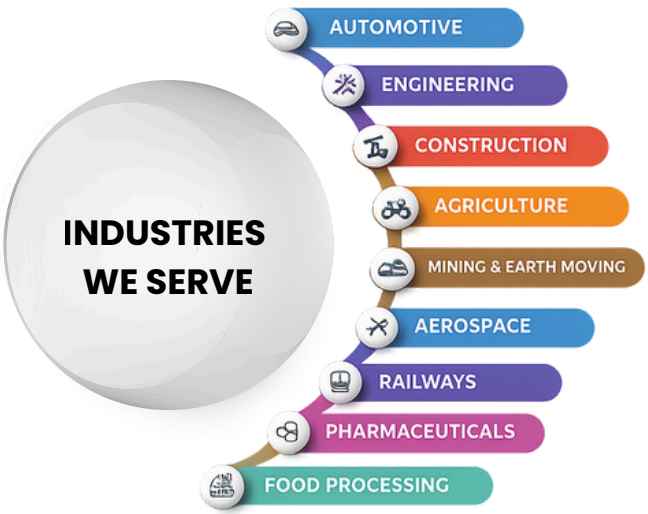


OUR VISION

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

FRONT LOADING PARTS WASHER



The Front Loader Parts Washer are designed to clean heavy contaminations such as oil, grease & dust particles & other waste accumulated on all areas. Here all the cleaning process such as Spray Washing, Hot Water Rinsing & Hot Air blow drying all done within a single chamber.

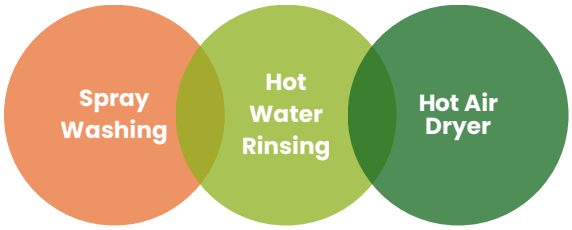
Spray Washing is performed with hot water and chemicals within a single cabinet using angled washing nozzles to clean the entire surface of the part. The components to be cleaned are moved into and out of the system manually via the feeder trolley or automatically via a driven basket on the fixed front table.

At the end of the wash cycle the cleaning liquid is drained back to the tank for re-use. Before being ready for re-use the liquid is recirculated through a filter. These machines deliver powerful performance, durability & reliability. Whether you're dealing with grease, oil, or stubborn debris, these front-loading part washers provide exceptional results every time.

Designed for industries like Automotive, Engineering, Manufacturing, Aerospace this robust washer handles up to 1500 kg per cycle with precision cleaning powered by stainless steel pumps and rotating baskets. With advanced features like adjustable thermostats (0–80°C), timers, and energy-efficient heating systems, this machine ensure optimal cleaning for parts of all sizes.

Compact yet high-capacity, it fit seamlessly into your workspace, reducing downtime and labour costs. The Machine can be customized & Optimized based on the cleaning tasks through comprehensive range of accessories.

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
- Electric heating, thermostatically controlled (up to 80°C)

OPTIONS

- Oil Separator
- Tank Drain pump
- Drip Tray
- Steam Extraction
- Duplex Filtration system (For standby)
- Stainless Steel small parts basket
- Paper Band Filtration
- Drip Tray
- Millipore Testing Kit

BENEFITS

- Load carrying capacity up to 1500 Kgs to withstand heavy loads
- Designed for Larger Basket Diameter
- Powerful cleaning performance
- 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 - FL 1000	NX - FL 1200	NX - FL 1500	NX - FL 2000
Turntable Diameter	mm	1000	1200	1500	2000
Basket Load capacity	Kgs	400 - 500	600 - 750	1000	1500
Usable Height	mm	500	600	750	950
Loading Height	mm	900	950	950	950
Wash Tank Volume	Ltrs	400	600	750	1000
Rinse Tank Volume	Ltrs	250	300	300	350
Wash Pump Pressure	Bar	5 - 6	7 - 8	7 - 8	7 - 8
Rinse Pump Pressure	Bar	2 - 3	2 - 3	3 - 4	3 - 4
Wash Pump Flow Rate	Ltr / min	180 - 200	250 - 300	300 - 350	550 - 600
	m^3 / hr	12	15-18	18-21	24-30
Rinse Pump Flow Rate	Ltr / min	50 - 60	80 - 100	150 - 160	200 - 220
	m^3 / hr	4-5	6	11	12-13
Wash Pump Motor	Kw	3.2	7.5	11	15
Rinse Pump Motor	Kw	1.2	2.2	3.2	3.2
Wash Tank Heater	Kw	18	27	36	45
Rinse Tank Heater	Kw	9	12	12	18
Cleaning Temperature	°C	60 - 65	60 - 65	60 - 65	60 - 65
Hot Air Blow Temperature	°C	85 - 90	85 - 90	85 - 90	85 - 90
Electrical Rating	Volt / Hz	230 / 400	230 / 400	230 / 400	230 / 400
Trolley Attachment	-	✓	✓	✓	✓
Steam Extraction	Kw	0.55	0.75	1.12	1.15
Basket Automatic Movement	-	✓	✓	✓	✓

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