





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

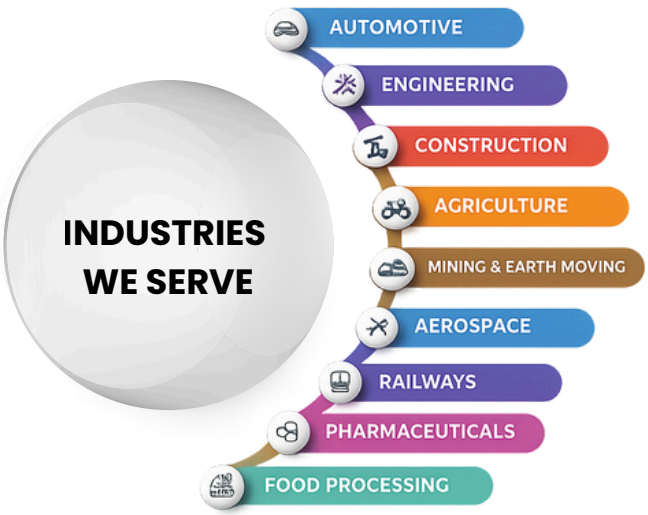


OUR VISION

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.



NEXACLEAN
TECHNOLOGY PVT LTD.,

CABINET PARTS WASHERS

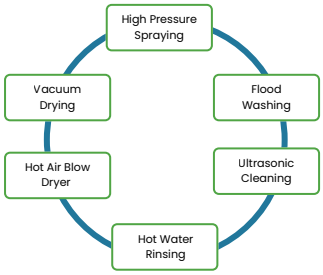


The Cabinet Washer has been designed for obtaining highest level of cleaning for précised parts that needs mass production before Assembly & Packing. All the cleaning stages use an immersion process and aqueous media. Removal of large quantities of contaminations from parts & fine dirt particles of with a defined size can be achieved by selecting the appropriate filtering system at each process.

The parts from the basket moves in to the conveyor arrangement & door closes through pneumatically vertical lifting door. Once the door gets locked the cleaning process will be followed simultaneously one after other which automatically wash, Rinse & Dries the component.

Here the components are handled by Rotary Drum which revolves with slow speed to get the effective cleaning & reachability on all areas of the parts. In addition to that, Ultrasonic Cleaning also can be to increase the quality level of washing & to approach the intercases, cavities & blind holes wherever necessary.

SEQUENCE OF CLEANING PROCESS



CLEANING SOLUTIONS WE PROVIDE



FEATURES

- Flexibility in media based on Application either Hydrocarbons /Alkaline based
- Cleaning & Drying process in the same Cabin /Chamber
- Cleaning Basket Sizes can be customized according to the component size/shape
- Working chamber is operated from the front area
- Inbuilt designed with Fine Filtration system & oil separation unit
- Control Panel with PLC system & HMI Display

OPTIONS

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

BENEFITS

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

NEXACLEAN
TECHNOLOGY PVT LTD.,

TECHNICAL SPECIFICATIONS

DESCRIPTION	UNIT	NX - CBW 400	NX - CBW 650	NX - CBW 800
Wash Tank Volume	Ltrs	400	600	750
Rinse Tank Volume	Ltrs	250	300	300
Cleaning Basket Dimension	mm	400 x 300 x 250 mm (L x W x H)	650 x 450 x 300 mm (L x W x H)	800 x 550x 350 mm (L x W x H)
Range of Ultrasonic	KHz/Watts	25 KHz @ 1500 W	25 KHz @ 3000 W	25 KHz @ 3000 W
Loading Height	mm	950	1050	1100
Wash Pump Pressure	Bar	4-5	5-6	5-6
Rinse Pump Pressure	Bar	2 - 3	2 - 3	3 - 4
Wash Pump Flow Rate	ltr/min	180-200	250-300	300-350
	m^3/hr	12	15-18	18-21
Rinse Pump Flow Rate	ltr/min	50-60	80-100	150-160
	m^3/ hr	4-5	6-7	11
Wash Pump Motor	Kw	3.2	4	5.5
Rinse Pump Motor	Kw	1.2	2.2	3.2
Wash Tank Heater	Kw	18	36	45
Rinse Tank Heater	Kw	9	9	9
Cleaning Temperature (Wash & Rinse)	°C	60-65	60-65	60-65
Hot Air Blow Temperature	°C	85 - 90	85 - 90	85 - 90
Electrical Rating	Volt/Hz	230/400	230/400	230/400
Steam Extraction	Kw	0.55	0.75	1.12
Conveyor Automatic Moment	-	-	✓	✓

NEXACLEAN
TECHNOLOGY PVT LTD.,

INTEGRATED PARTS CLEANING SOLUTIONS



Contact

No. 200/17, Pillaiyar Koil Street, Keezhur,
Dharmapuri, Thiruporur,
Chengalpattu – 603108
Tamil Nadu, India

+91 94453 34161
+91 98400 35226

marketing@nexacleantechnology.com
info@nexacleantechnology.com

www.nexacleantechnology.com