

idefTM
CLEANING SYSTEMS



Would you
like to **clean** more
Crate/Bin/Tray
fully **automatically?**

www.idefcleaningsystems.com



For many companies, the ability to provide a cleaning solution for their specific needs is the main reason for choosing IDEF.

In our product range, you will find many types of crate washing machines, for small or large crates. IDEF also develops tailor-made industrial washing machines that are fully customized to suit your needs.

IDEF develops and builds industrial washing machines, Food Processing Machineries & Material Handling systems. IDEF Cleaning Systems are made of stainless steel and have an open design. International quality and finishing.

IDEF has a large range of crate washing machines capable of washing Crates from 100 to 5000 per hour. Crates are cleaned in the main wash zone by high-pressure nozzles supplied with water by a powerful, energy-efficient pump.

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.





Washing Sequence

PRE-RINSE

Normal water from the sump tank is sprayed on the Crates and goes down the drain.

FIRST RINSE

The First Rinse is a very important step in the Crate Cleaning process, pre-rinse makes the rest of the wash cycle predictable and repeatable.

FINAL RINSE

If you have used detergents/chemicals in the first rinse, you have to wash with normal water in the final rinse.

High Pressure Water Nozzle System

The 360° nozzle system can produce a uniformly distributed spray under a wide range of flow rates and pressures. Designed with built-in strainer to minimize clogging.

If the nozzle is blocked with sand or other debris, you can remove the nozzle and it can be clean.

Nozzle units are configured based on milk can size, residue and level of cleaning required



360° Cleaning

Crates are cleaned at 360° degrees in all zones by high-pressure nozzles supplied with water by a powerful and energy-efficient pump.

These machines are capable of washing different sizes and shapes of crates

Nozzle units are configured based on milk can size, residue and level of cleaning required



High Pressure Pumps

The high-pressure pump is used in various applications across multiple domains for cleaning purposes.

High-Pressure Pumps are commonly used for water transfer from sump tanks to the coils inside the tray washer. As they give a continuous water supply.

The pump is easy to install and use, and it is a cost-effective product that can save you money in the long run.



Electrical Control Panel

There is an enclosure with one or two doors, depending on its size, made of stainless steel. Where all the power comes in the control panel, and you can control the tray/crate washing machine from here.

We offer services right from designing, manufacturing, installing, testing, and commissioning Electrical Control Panels.



Would you like to see more of
our projects and get additional
information?

Contact:

idefTM

INDIAN DAIRY EQUIPMENTS & FABRICATORS

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