Stack**Down**

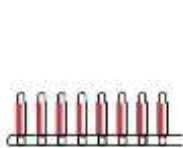## High Speed Milk Crate Destacker

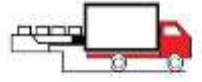PRIMARY CONVEYING

CASE PACKING

SECONDARY CONVEYING

TRACE & TRACK

PALLETIZING

WAREHOUSE AUTOMATION

TRUCK LOADING

Reflex Technologies Pvt. Ltd.
EL51, Electronic Zone, MIDC, Mahape, Navi Mumbai 400710 INDIA.
Tel : +91 022 27682584; Email: sales@reflexautomation.com ; www.reflexautomation.com

Machine Description

The only solution to growing consumer demand is to increase production efficiently. As we progress, Automation no longer remains a luxury. Automation has become a necessity.

In India's fast growing Dairy Industry, plant capacity of a few llpd is becoming the norm. In such high volume pouch filling lines, the empty crate destacking operation is proving to be a bottleneck. **StackDown** was developed by Reflex to meet exactly this demand from the industry.

In a typical layout, one crate washing machine supplies clean crates to multiple packing lines in a fully automated fashion. However feeding of individual crates from the stack of crates into the crate washer is done manually. At the entry of washing machine speed can be as high as 40 crates/min for a dual track washing machine. **StackDown** is feed with a stack of empty crates and the output of **StackDown** goes into the crate washer.

Models Available

StackDown 10	Basic model handling 10 crates per minute
StackDown 20	Basic model handling 20 crates per minute

Machine Salient Feature

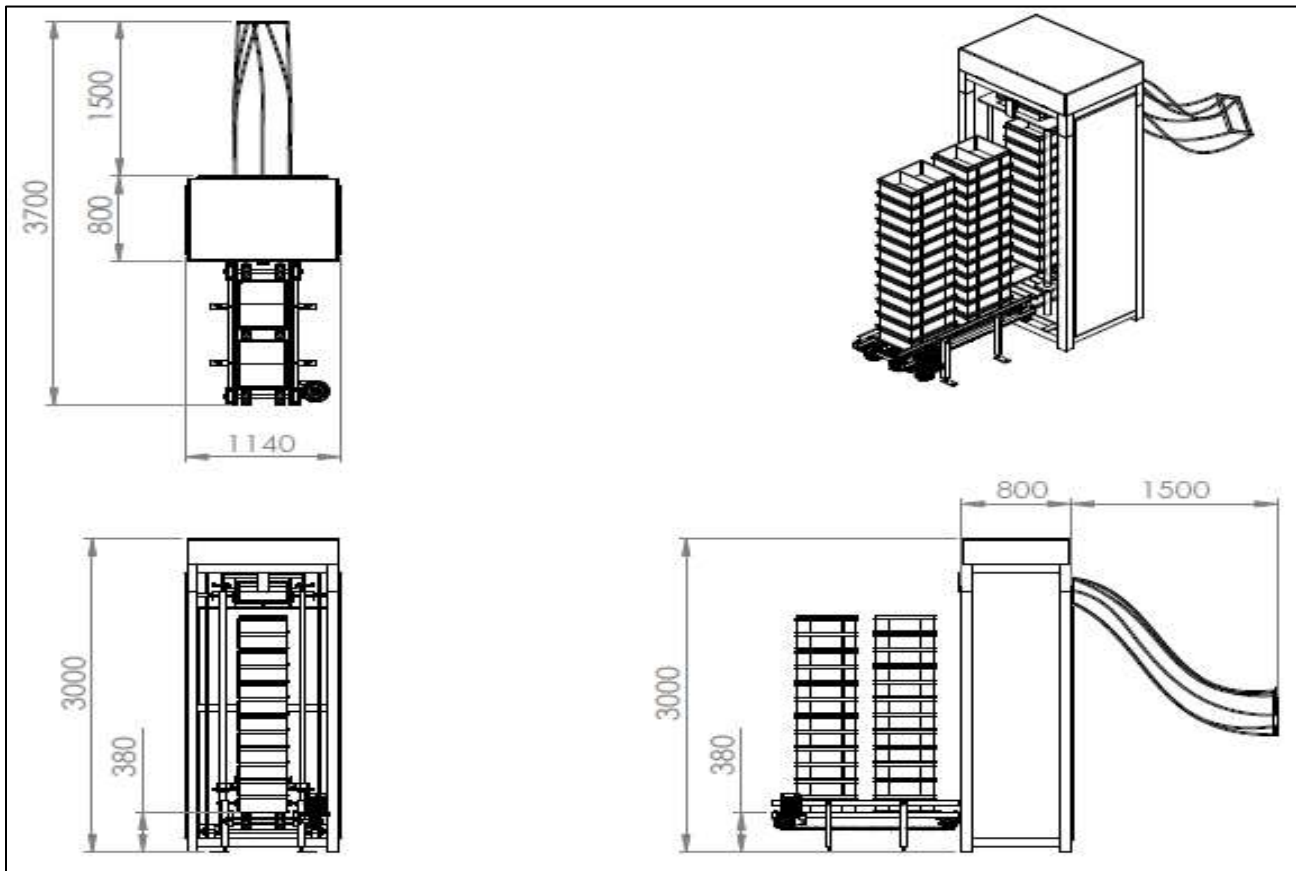| 1	Can handle crate speeds of up to 10 to 20 crates per minute (1200 crates per hour)
2	IP54 design ensure trouble free running.
3	Use of high quality standard product ensures high reliability and ease in maintenance.
4	Simple and robust escapement mechanism ensures perfect flow of crates into **StackDown**.
5	**StackDown** designed to tolerate crate dimensional variation.
6	Minor cracks in crates handled by **StackDown**. However crate stability when in loaded condition depends on the crate itself.
7	Safety guards and convers ensures operator safety.
8	In the event of a machine breakdown, machine can be bypassed to assist manual destacking operation. Choose options.
9	Audio Visual alarm intimates the operator if infeed conveyor is empty.
10	System Will auto detect height of stack.

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Machine Technical Specifications

Technical Specification	
Speed	10 to 20 crates/min (depends on model)
Crates per stack	Any stack Height up to 12 crates.
Crate Dimension	427mm x 378mm x 168mm (L x W x H)*
Tolerance accepted in dimension	3 mm*
Material of Construction	SS
Power Supply	Single Phase 230 V
Power Consumption	2.2 kW
Air Supply	6 Bar
Air Consumption	6 CFM

Machine Dimensions (StackDown)

> ### Notes: -

Note: - The information contained herein is subject to change without notice. Customers are advised to verify the latest specifications from our representative.

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V1.1