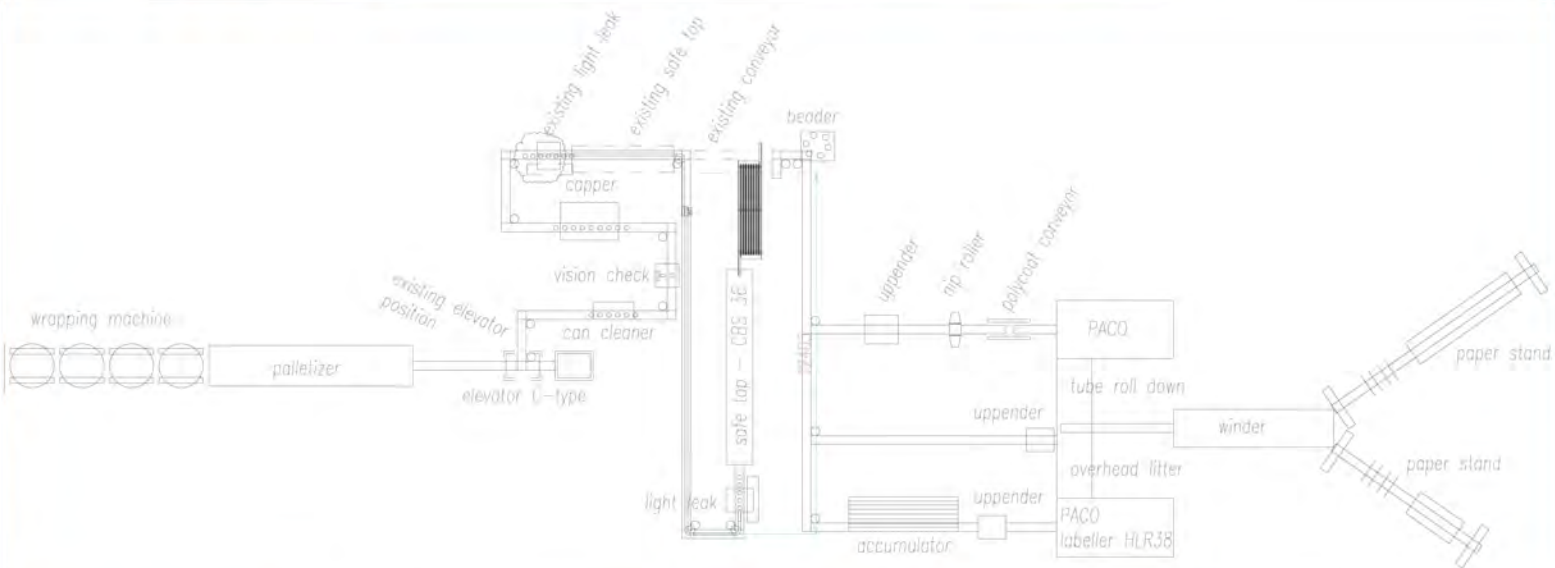




COMPOSITE CAN HANDLING



At paper stand, brown paper and silver paper will be rolled to become core at the winder machine. Then, the tube roll down machine will transport the rolls to the PACO machine. There, paper rolls will be cut to size. The cut cans will then go through the necessary processes. The equipments that MODU supplies includes Polycord Conveyor, Uppender, Accumulator, C-Type Gripper and Can Cleaner.

Equipments Supplied by MODU

1. Combined Polycord with Uppender

This specially designed machine consists of:

- a) **Polycord Conveyor**
The function of this conveyor is to create gap between cut to length cans before it change orientation at upender. It use combine drive to drive single polycord and twin polycord conveyor with different speed ratio.
- a) **Uppender**
The function of Uppender is change can orientation from sleeping to standing position. Uppender is built with a function to change can orientation from sleeping to standing position. It also comes with product diameter adjustment for diameter aprox 0 - 150mm. The upender is driven by two gearmotor which is controlled by inverter.



Combined Polycord with Uppender.



Composite can from polycord conveyor traveling to Uppender



Composite can changes orientation at Uppender

2. Accumulator

Accumulation conveyor provides large storage capacity for composite cans from a relatively small footprint. The accumulator stores products to create buffer to accommodate other process. This equipment is driven by two gearmotor where each gearmotor control alternate conveyor lanes. It also uses straight running chain to avoid damage to the can edge. Falling can will be rejected at the turning ends. Number of lanes can vary from 3 to 9 lanes.



Complete Accumulator for Composite Can ready for delivery.



To avoid can from toppled when transferring from one conveyor line to another



Accumulator without product accumulation.

Accumulator with product accumulation.

3. Gripper System

A set of machine consists of 2 set of conveyors installed side by side within one support structure to conveyer product to a different or same output height with a minimum space consumption. It grip the product firmly but gentle enough thru its course before discharging the product to another conveyor assembly.



C-Flow Gripper System

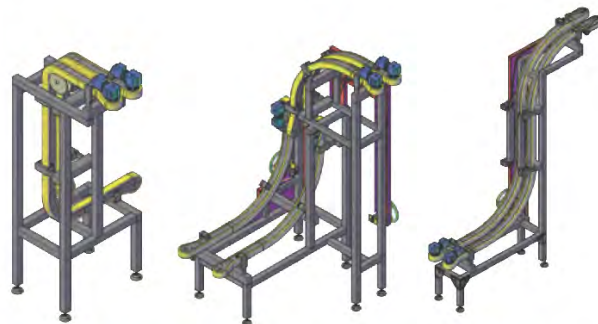


Composite Can being conveyor to the infeed of the gripper system.



Composite Can at the outfeed of the gripper system.

Other types of gripper elevator available:



Simple Gripper Upender

Gripper Upender

S - Flow Upender

4. Can Cleaner

One of the applications is MODU Composite Can Cleaner. The main activity of a MODU Composite Can Cleaner is to blow air into a paper can, eliminate dust inside the composite can. It could be attach with fault detector sensor and reject system



Stainless steel rod is use to maintain orientation.



Product is transported to another machine while being dust blowing.



Completed Composite Can Cleaner ready for delivery.

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