

## Palletising Solutions



Automatic palletiser is an end of line solution with the speed of stacking 480 pails per hour. Many units are running successfully in the field in india as well as overseas plants.

It is a plc based system that stacks layers of pails automatically on a pallet in a programmed matrix.

Our standard models cater to accommodate skus ranging from 1 usg/4 ltr. To 5 usg/ 20 ltr. Pails. It is capable of handling both metal and plastic pails.

Model comparison:

Model	Skus	Matrix
	1 usg/4 ltr.	5 x 5 x 6 layers
	10 ltr.	4 x 3 x 3 layers
Ap-15	5 usg/ 20 ltr.	4 x 4 x 2 layers
		4 x 3 x 2 layers
		or
Ap-05	5 usg/ 20 ltr.	4 x 3 x 3 layers
	10 ltr.	4 x 4 x 3 layers
Ap-20	5 usg/ 20 ltr.	4 x 4 x 2 layers

Ex proof model is available on request

Above models are available with single side or dual side palletising solutions.

The equipment incorporates bought out items of reputed makes:

Plc, hmi and communication setup: schneider electric

motors and gearboxes: bongiflioli/crompton hindustan

pneumatics: smc / festo

encoders: hensler / p&f

## Cartoning Solutions.



Auto cartoning unit is an end of line solution with the speed of packaging 7-8 cartons per minute.

More than 20 units are running successfully in the field.

Our standard models cater to accommodate packing of cartons of sizes of 0.5 ltr, 1 ltr and 4 ltr cartons in a single unit. Handling carton sizes of to with either left-hand side or right-hand side configurations

Automated operations involved:

1. Carton erection
2. Handle orientor
3. Matrix formation
4. Pick and place

## 5. Top taping and bottom taping

### Additional components

- Carton checkweigher
- Carton printing
- Carton print check
- Online monitoring system

### Quick features:

Packing speed                      7-8 carton per min.

Skus change over time              25 min.

0.5 ltr., 1 ltr & 4 ltr. Pack cartons of specified dimensions and configuration.

In matrix of

0.5 ltr x 8 cans (plastic or metal) in 0.5 ltr carton

1 ltr x 6 cans in (plastic or metal) in 1 ltr carton

Skus                                      4 ltr x 4 cans in (plastic or metal) in 4 ltr carton

Operation                              Electro – pneumatic

415 v ac, 3 phase, 4 wire

Electric supply                      230 v ac, 1 phase, 3 wire

Air supply                              @ 6 kg/cm<sup>2</sup>

1 no.

Man power requirement              For loading empty cartons in the magazine and overall supervision