

PENGUIN

Automatic Palletizing System

PENGUIN PACKAGING

Penguin Engineers is a pioneer in Stretch wrapping and Pallet packing since 1991. Penguin has developed a reputation as the India's premier Palletizer manufacturer, serving a variety of major industries including textile, food, beverage and consumer products. Penguin now offers the finest low level Palletizer. With superior construction, maximum flexibility, upgradeable performance and speeds, we are sure to have the perfect palletizing solution for your business.

The Penguin pallet building and wrapping line is a semi automatic system meant for economical palletizing and wrapping of pallets. The system is modularly constructed with semi automatic palletizer, empty pallet dispenser, automatic stretch wrapping machine, automatic weighing and labeling machine, pallet rotator cum lowerator. The lowerator has a provision to enable the use of a simple hand pallet truck to take away the pallet.

The system is flexible and can be configured according to the customer requirement and the layout of the packing line. The patterns are formed on the tray and the transferred to the tray conveyor manually. From thereon upto the delivery of the wrapped pallet, all operations are automated.

- * DURABLE
- * RELIABLE
- * PROTECTIVE
- * COST-EFFECTIVE

Model:
Stack-N-Wrap



Awards won

- IIE Award : 2006 - 2007
- EEPIC Export Award : 2003 - 2004 & 2005 - 2006
- FITEI Export Award : 2004 - 2005 & 2006 - 2007
- Pacmachine Award : 1998 & 2000
- National Productivity Award : 1997 - 1998

AUTOMATIC PALLETIZING SYSTEM

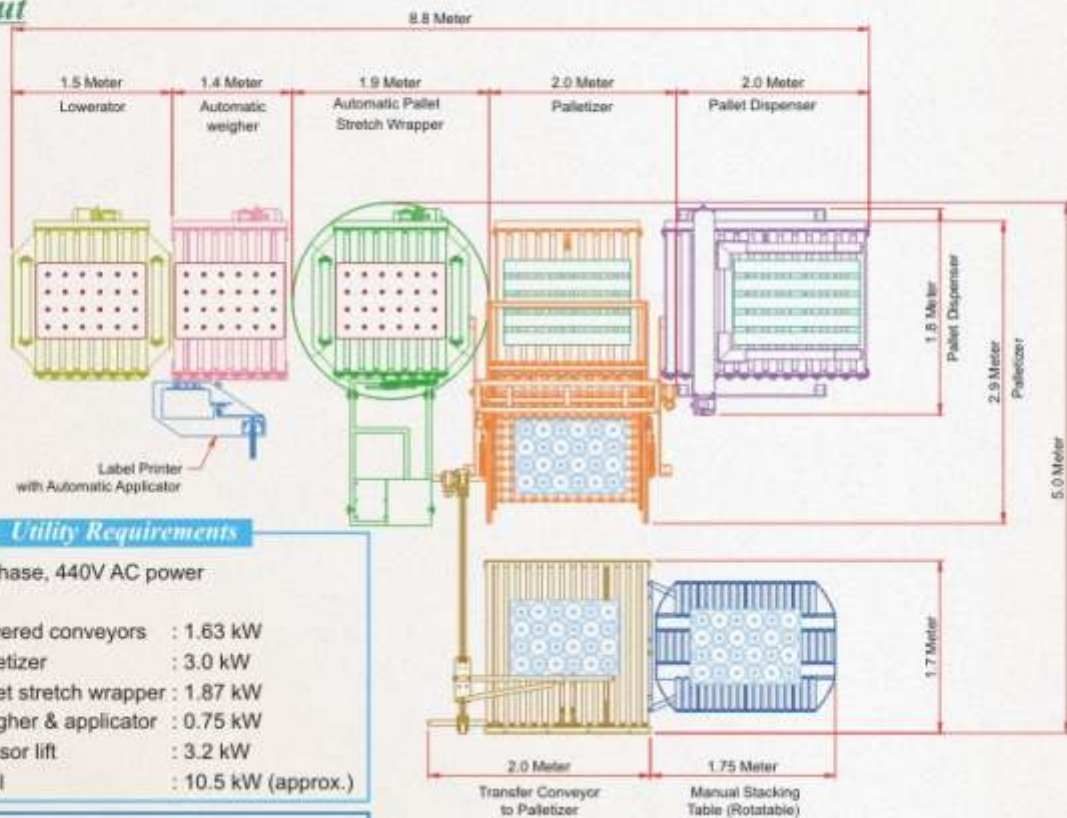


- Saves considerable labour involved in pallet building, wrapping and weighing.
- Entire operation is controlled by a powerful PLC
- A Colour Touch Screen is provided as operator interface for a single operator to monitor and control the operations
- Can use pallets of 800 mm x 1200 mm to 1200 mm x 1200 mm
- A typical cycle time for a 10 layer pallet will be 5 minutes

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PENGUIN Automatic Palletizing System

Layout



Utility Requirements

- Three Phase, 440V AC power
- **Power:**
 - Powered conveyors : 1.63 kW
 - Palletizer : 3.0 kW
 - Pallet stretch wrapper : 1.87 kW
 - Weigher & applicator : 0.75 kW
 - Scissor lift : 3.2 kW
 - Total : 10.5 kW (approx.)

- Max. Pallet size : 1200x1200x2600 mm
- Pallet weight : 2000 Kg
- Height of line
 - Stacking table : 750 mm
 - Delivery conveyor : Ground level



Automatic Box Packing System



**Penguin
Engineers**

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