

CP18-MINIFLEX

SIDE LOADING CASE PACKING AND PALLETIZING MACHINE



The CP18+Miniflex machines incorporate, in an extremely compact structure, all the functions of a side loading case-packer and palletizer. The machines represent an ideal solution in case of space restrictions at the end of the line.

The integrated system has been developed to take into consideration market requirements such as the cantilever design of the structure to ensure complete accessibility and easy cleaning, the simple and operator friendly design as well as the flexibility in the processing of a wide range of cartons (single or bundled) and cases.

Furthermore great importance has been given to the ergonomic position of all components: all the machine features can be reached from the operator side and the horizontal case magazine allows the manual loading of flat cases easily from floor level.

The machine is equipped with a single PLC (Siemens standard version) unit, which interacts with the Fanuc robot processor, thereby making operations straightforward and allows centralised size change-over parameters. A large and comprehensive operator interface makes changeovers simple and assists with diagnostics.

Size change-over takes only a few minutes to perform and does not require the use of any tools.

The machine is equipped with a 6-axis Fanuc robot to place cases on pallet according to a pre-set pallet pattern already stored in the machine memory.

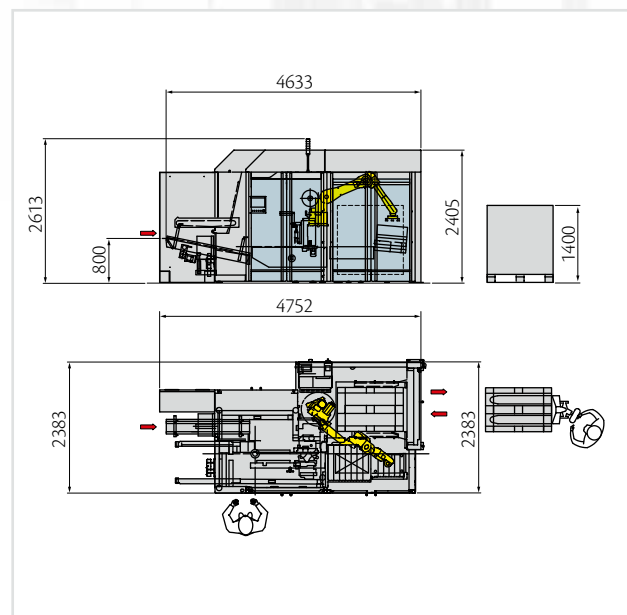
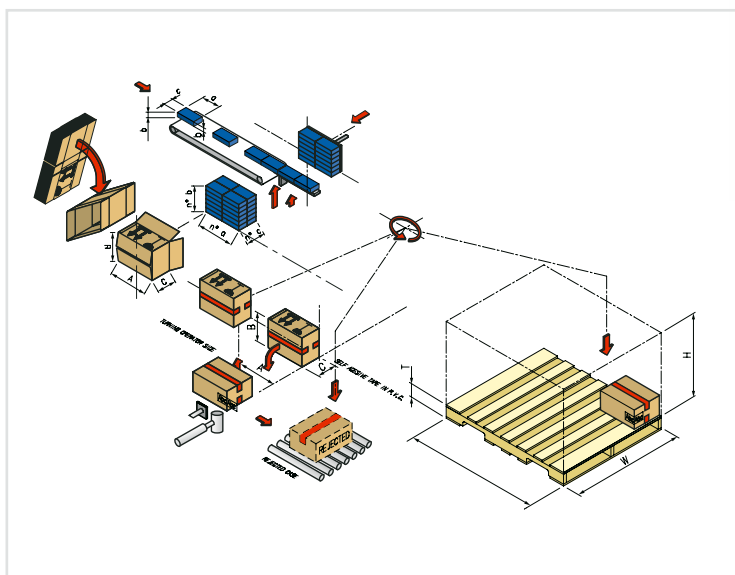
Palletizing is arranged with single floor pallet station. When pallet is complete, robot starts to place cases in the buffer area, following a special trajectory without interfering with the palletizing area.

This way the operator discharges the full pallet and loads the empty pallet without stopping the functioning of the line.

The machine design provides the possibility to include the following functions:

1. Case completeness check:
layer or video camera check (colour or b/w)
2. Coding
3. Labelling
4. Rejection
5. Empty pallet magazine
6. Full pallet transfer
7. Cardboard tray on pallet

TECHNICAL DATA



CP18-MINIFLEX TECHNICAL DATA

		MIN.	MAX.
Case Dimensions	A (mm)	220	600
	B (mm)	120	400
	C (mm)	120	350
Installed power		9,12 kW	
Air pressure		5/7 bar	
Net weight		3000 kg	
Production speed		5/6 cases per minute	

