



OMEGA683

Robotic palletizer arm



OMEGA683 is the right solution where maximum palletizing pattern customization and flexibility are requested.

OMEGA683 in fact allows rotations of 90°, -90° or even 180° of each pile, thus making possible to create stable finished pallets and to optimize space on every layer.

Flexibility and modularity describe at the best this end-of-line palletizer arm.

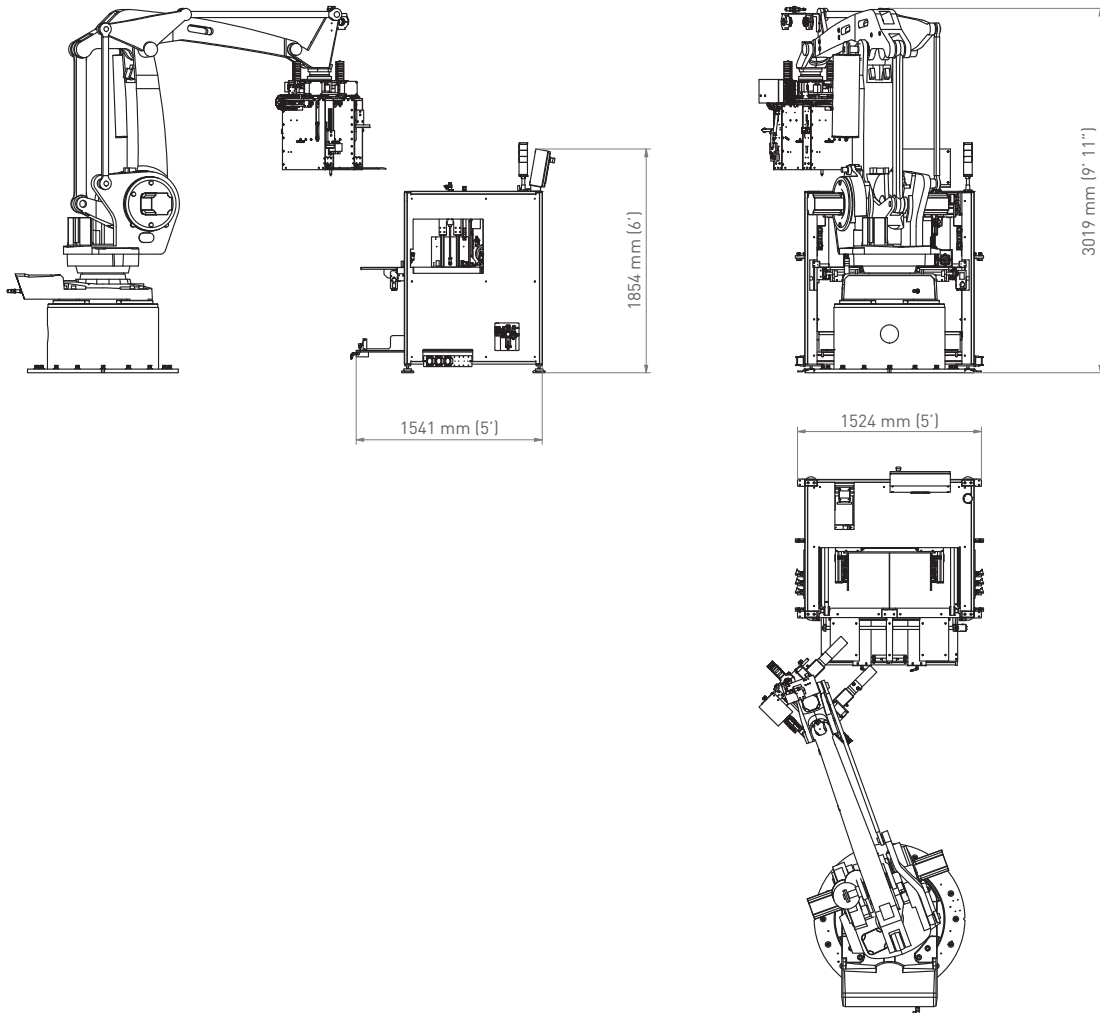
The tool, specifically designed by SOLEMA to handle

a wide variety of products like sewn, gauzed book blocks, soft and hard cover books, allows to handle 1 or two piles of products at each arm cycle enhancing productivity of the line.

OMEGA683 tool is equipped with suction cups, to pick up slip sheets from a dedicated storage and place them among product's layers.

The pick-up station can be equipped with single or double infeed, to be best adapted to various layout configuration.

OMEGA683



- tool weight approx. 140 kg (308 lb)
- total weight approx. 2900 kg (6393 lb)

TECHNICAL DETAILS

MACHINE SPEED

- max. 6 cycles/minute

PRODUCT DIMENSIONS (L x W x H)

- [A×B×C] min. 150 x 100 x 60 mm (5 7/8 x 3 15/16 x 2 3/8")
- [A×B×C] max. 340 x 320 x 250 mm (13 3/8 x 12 5/8 x 9 7/8")
with double products configuration
- [A×B×C] max. 520 x 320 x 250 mm (20 1/2 x 12 5/8 x 9 7/8")
with single product configuration

PRODUCT WEIGHT

- max. 40 kg (88 lb)

PALLET DIMENSIONS

- [L×W] 1200 x 800 mm (48 x 31 1/2")
- [L×W] 1200 x 1000 mm (48 x 40")

PALLET HEIGHT

- max. 1500 mm (59") - pallet + products

SLIP SHEETS STORAGE HEIGHT

- [H] max. 120 mm (4 3/4")

SLIP SHEET DIMENSIONS

- [L×W] min. 680 x 530 mm (26 3/4 x 20 3/4")
- [L×W] max. 1200 x 1000 mm (48 x 40")

SLIP SHEET TYPE

- solid board, corrugated board
- alveolar polycarbonate

ELECTRICAL REQUIREMENTS

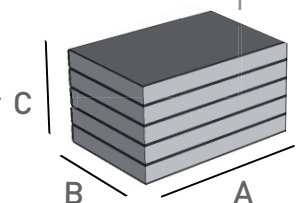
- electrical power supply: 3 x 400 V PNE 50 Hz
- controls voltage : 24 V DC

PNEUMATIC SYSTEM

- pressure: 6 bar

OPTIONAL

- motorized pallet infeed
- motorized pallet delivery



PERFORMANCES DEPEND ON PRODUCT'S SIZES, PRODUCT'S QUALITY AND OPERATING CONDITIONS

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