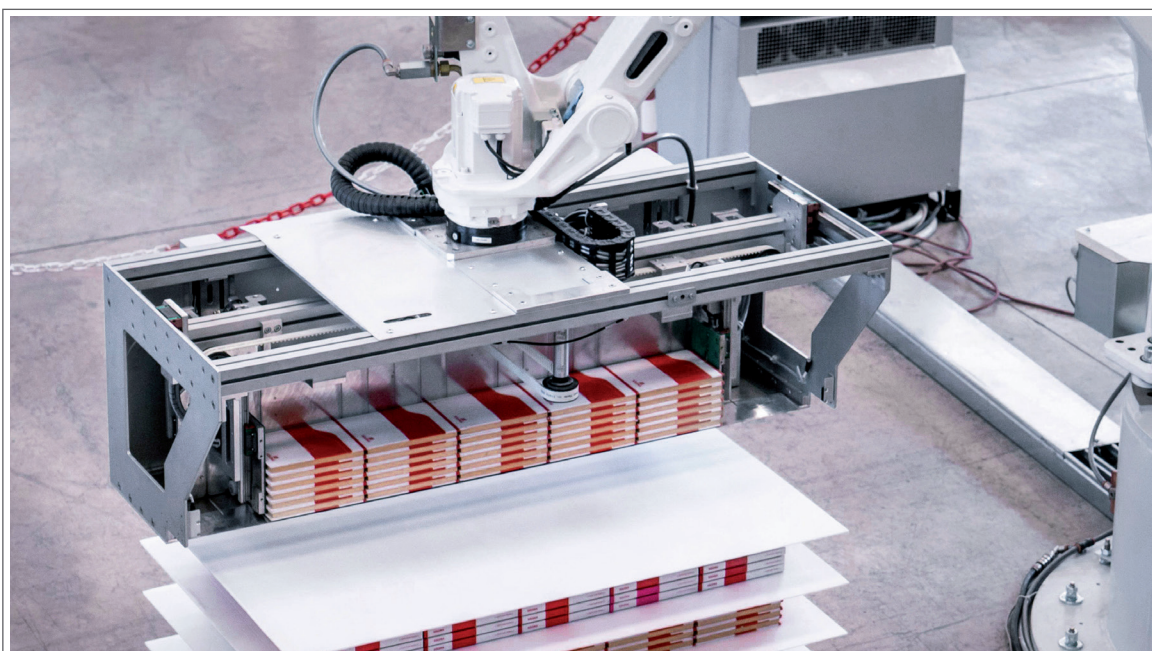




OMEGA682

Robotic palletizer arm



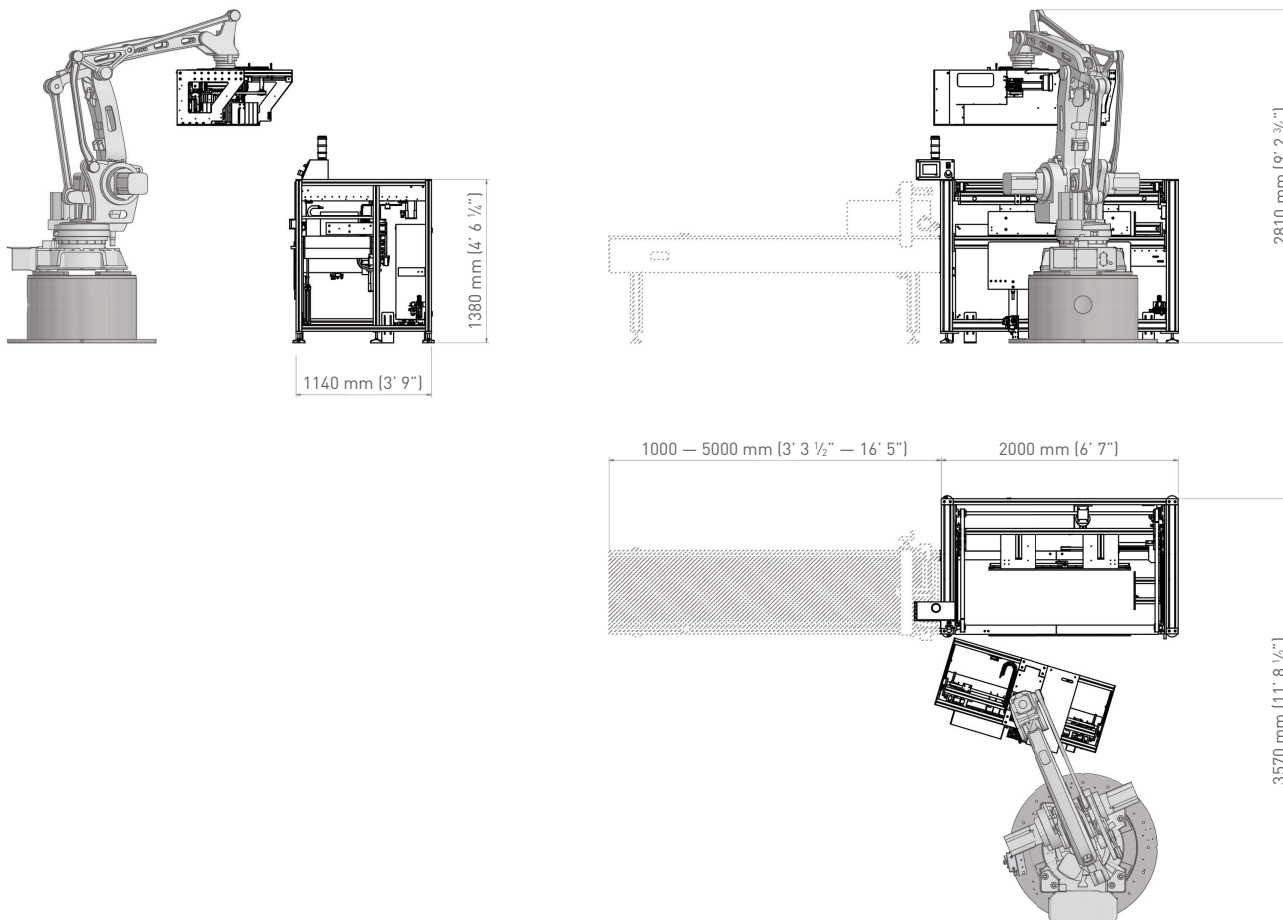
Solema **OMEGA682** is the application based on anthropomorphic robotic technology to palletize sewn book, glued book, hard and soft cover books, shrink-wrapped books or boxes.

The ABB arm operates the special tool **OMEGA682**, developed to load on the pallet ***an entire row of products with a single movement***. Additionally, a series of suction cups displaces slip sheets between the layers of products.

The solution **OMEGA682** consists of two complemen-

tary units: the anthropomorphic arm and an area used to queue the piles. Both are equipped with a dedicated graphic interface for a complete control of the system. From the main one you set the recipes to be performed, while on the other one — the FLEXPENDANT — you control the job execution.

OMEGA682



- tool weight approx. 80 kg (176 lb)
- total weight approx. 1980 kg (4365 lb)

TECHNICAL DETAILS

MACHINE SPEED

- max. 4 cycles/minute

PRODUCT DIMENSIONS (L x W x H)

- [AxBxC] min. 850 x 120 x 80 mm (33 1/2 x 4 3/4 x 3 1/8'')
- [AxBxC] max. 1150 x 280 x 220 mm (45 1/4 x 11 x 8 11/16'')

PRODUCT WEIGHT

- [AxBxC] max. 30 kg (66 lb)

SINGLE PRODUCT THICKNESS

- [D] min. 8 mm (5/16'')

PALLET DIMENSIONS

- [LxW] 1200 x 800 mm (48 x 31 1/2'')
- [LxW] 1200 x 1000 mm (48 x 40'')

PALLET HEIGHT

- max. 1500 mm (59'') - *pallet + products*

SLIP SHEET DIMENSIONS

- [LxW] min. 1050 x 530 mm (41 1/4 x 20 3/4'')
- [LxW] max. 1200 x 1000 mm (48 x 40'')

SLIP SHEET TYPE

- solid board, corrugated board
- alveolar polycarbonate

ELECTRICAL REQUIREMENTS

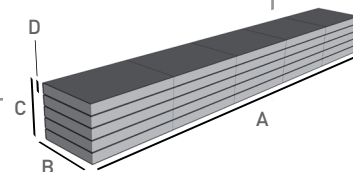
- electrical power supply: 3 x 400 V PNE 50 Hz
- controls voltage : 24 V DC

PNEUMATIC SYSTEM

- pressure: 6 bar

OPTIONAL AVAILABLE

- motorized pallet infeed
- motorized pallet delivery



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

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