

PALLETIZING

PR 460/PR 480

Palletizing Robot for Bundles and Logs

COMMERCIAL

NEWSPAPER

BINDERY

CONVEYING

TRIMMING

COMPENSATED STACKING

LOG STACKING

PALLETIZING

ARTICULATED-ARM PALLETIZING-ROBOT

Articulated-Arm Palletizing-Robot PR 460 and PR 480

- PR 460 – The Palletizing-Robot for Bundles
- PR 480 – The Palletizing-Robot for Bundles and Logs

Automatic optimization of the pallet utilization: Different pallet patterns are generated, stored, modified and copied. Options such as the fast, separate Servo-slipsheet-feeder and the pallet-dispenser increase the system's flexibility.

Servo-Bundle-Gripper

The patented, newly designed Servo-double-gripper, used for productions with strapped and unstrapped bundles allows precise palletizing of single and double bundles.

Format settings as well as the selection of single or double bundles are achieved dynamically by means of Servo-motors. This technology offers the possibility to place bundles of varying copy formats alternately on different pallets.

The gripper envelops the bundle on all six faces, so that even bundles of sensitive and slippery copies are securely placed on the pallet at minimum drop height. Wrapped gripper chains quickly retracting when placing the bundle, avoid

a relative movement, therefore maintaining the quality of the bundle and of the printed copy.

Log Gripper

The logs are rotated by 90 or 180 degrees and placed on the pallet either on their spine or on any of the three copy-faces. Depending on the copy format, on the log length as well as on the pallet format it is possible to generate optimum pallet patterns meeting the requirements of subsequent finishing processes



PR480 – for bundles and logs





Bundle transfer to the Servo-double-gripper



The bundles are securely fixed by the gripper on all faces



Features

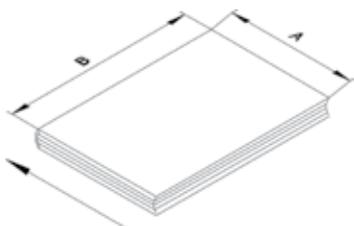
- Servo-double-gripper (one or two bundles per cycle)
- Pallet pattern generator for an optimum use of the pallet surface
- Retrieval of customer-specific pallet patterns
- Remote diagnosis and -maintenance by VPN

Options

- Log gripper
- Servo-slipsheet-feeder with slipsheet-magazine
- Pallet-dispenser with automatic pallet-change-system
- Transport systems for customer-specific pallets
- Integration into Gämmerler LS-Systems for automated job processing

Advantages

- Wide format range
- Bundles enveloped on their 6 faces
- Product- and bundle-protection by patented gripper
- No loss of cycle time when using slipsheets
- PR480: Palletizing of bundles and logs
- Optimum use of the pallet surface
- Stable, precise and recallable pallet loading structure



Technical Data

Performance

Output ¹⁾

Formats: ²⁾ A x B

Servo-double-gripper for single bundles

Servo-double-gripper for double bundles

Log gripper: Width x Length x Height

Bundle height

Bundle weight

Log weight

Air consumption

Nominal pressure

Consumption

Connected loads

Power

Full load Amps.

Supply voltage ²⁾

Frequency

¹⁾ depending on customer specific layout, gripper

²⁾ others optional

PR 460 / PR 480

max. 600	cycles/h
max. 1100	bundles/h
max. 200	logs/h
min. 140 x 258	mm
max. 330 x 480	mm
min. 140 x 150	mm
max. 240 x 330	mm
min. 140 x 200 x 660	mm
max. 330 x 500 x 1200	mm
min. 50	mm
max. 350	mm
30	kg
150	kg
6 – 8	bar
120	Nl/min (@ 1 bar)
	depending on configuration
	depending on configuration
400, 3~, N, PE	V
50	Hz

Subject to modifications without notice of dimension, design and equipment.

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