



NIPPON CAREER
RP-001 SERIES
CATALOG

RP-001



Sliced Meat Arrangement Robot Robot Packer

RP-001 SERIES

Anticipating the future form of the processing center

Introducing the Robot Packer, a sliced meat arrangement robot that can be connected to our AZ-341, AZ-342 and AXY-302 slicers.

① Robot arranges meat slices discharged from the slicer on the tray

- Tray feed mechanism included as a standard feature
- Can be retrofitted to previously purchased AZ-341, AZ-342 and AXY-302 slicers (with installation via on-site modification)

② Supports a rich variety of items with uncomplicated operation

- Exchanging robot hands enables a diverse range of arrangement types
AZ-341, AZ-342: Overlapping (in single/multiple rows), crosswise folding(with single/double folding and in single/multiple rows), U-shaped "horseshoe" folding, and non-arranged cuts
AXY-302: Overlapping or folded crosswise (with single/double folding)
- Up to 20 items can be registered for each arrangement type

③ Compensates for variation in weight

- Automatic adjustment of number of slices to arrange based on meat size

④ Outstanding operability

- No tool use required for item changes in conjunction with exchanging hands, making form changes easy
- No need to move Robot Packer when cleaning

⑤ Scalability

- Can be used with Merging Mechanism for conveyor when using multiple trays together (as an optional accessory)
- Total equipment dimensions can be kept to a comparable length as previously, even used together with Robot Packer and Merging Mechanism, by shortening the feed conveyor on the slicer.



Overlapping



Overlapping (multiple rows)



Non-arranged cuts



Half rib cuts folded crosswise (multiple rows)

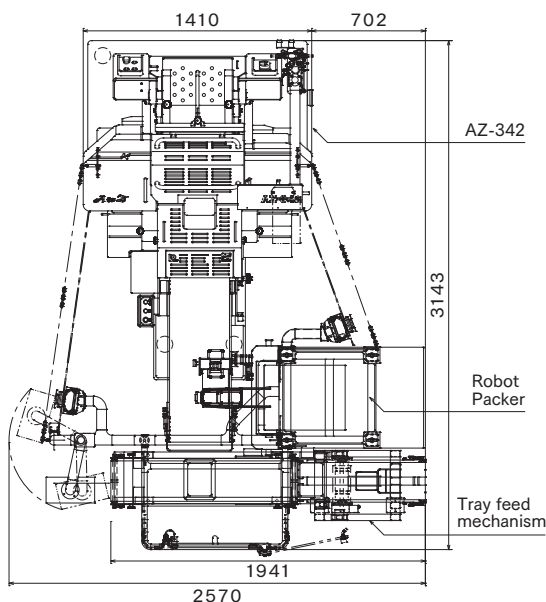


Full rib cuts folded crosswise (double-folded)



U-shaped ("horseshoe") folding

[Dimensions] (Connected to AZ-342)



[Specifications]

Model	RP-001-Z series (for AZ-342)	RP-001-Y series (for AXY-302)
Arrangement options & throughput when connected to AZ-342 (with 200x200-mm tray size)	Overlapping (without bending)	6-slice rows, overlapping: 1,120 packs/h 8-slice rows, overlapping: 910 packs/h 12-slice rows, overlapping: 610 packs/h
	Overlapping (with bending)	6-slice rows, overlapping: 1,120 packs/h 8-slice rows, overlapping: 900 packs/h 12-slice rows, overlapping: 600 packs/h
	Crosswise folding (half rib)	6-slice rows, overlapping (x2rows): 560 packs/h 12-slice rows, overlapping (x2rows): 340 packs/h
	U-shaped ("horseshoe") folding	8-slice arrangement: 200 packs/h
	Non-arranged cuts	8-slice arrangement: 220 packs/h
Arrangement options & throughput when connected to AXY-302 (with 200x200-mm tray size)	Overlapping (half rib)	6-slice rows, overlapping (x2rows): 560 packs/h 12-slice rows, overlapping (x2rows): 350 packs/h
	Crosswise folding (full rib)	6-slice rows, overlapping: 1000 packs/h 12-slice rows, overlapping: 500 packs/h
Applicable tray size	L 120-250 x W 170-330 x H 30 (mm)	
Max. tray feed throughput	30 packs/min	
Utilities	Electricity: Three-phase 200V 20A Air: 0.54 MPa, 200 L/min	
Dimensions	Robot section: L 900 x W 600 x H 1,850 (mm) (excluding guard section) Tray feed section: L 800 x W 450 x H 1,800 (mm)	
Weight	Robot section: 350 kg Tray feed section: 160 kg (excluding guard section)	



Challenging "Perfection"
NIPPON CAREER INDUSTRY CO., LTD.

980-5 Higashi habu-machi, Matsuyama City, Ehime, Japan. 7918043
TEL: +81-89-908-7373
E-mail: eigyou-oversea@nippon-career.co.jp
<https://www.nippon-career.co.jp>

Agent: