

Features



Precision Folding Through Smart Sensing

Advanced optical photo sensors automatically detect towel size and adjust folding width in real time. A folding plate performs the lateral fold, while a shaft-mounted encoder precisely measures towel length to determine the optimal folding method. The first cross fold is completed using a positive-reverse motion combined with a targeted air blast for clean, accurate results.



Seamless Transfer with Autostretch Tech

An integrated autostretch discharge device extends or retracts as needed to smoothly transfer stacked towels onto the next conveyor belt—ensuring consistent collection and uninterrupted workflow.



Innovative design automatically adjusts folding templates based on towel thickness and weight, ensuring precise primary folds and a consistent, high-quality second cross fold. This second fold is executed using a specialized positive-reverse mechanism with air blast assist, while an adjustable transport knife enhances fold accuracy and finish.

www.sealionamerica.com

Towel Folder



SEA-LION



ZDMJ automatic towel folder combines smart technology with high-speed performance. Its intuitive, multi-lingual touchscreen interface makes operation effortless, while precision folding options—2, 3, 4, or 5 folds—deliver up to 1,200 perfectly folded pieces per hour.

Accommodates long folds ranging from 400 mm to 1920 mm, offering exceptional flexibility for various towel sizes.

Specifications

Description	Specification
compressed air pressure	0.5-0.7Mpa
compressed air connection	Φ12mm diameter
compressed air consumption	200L/min
voltage	208-240V / 440-480V / 60Hz / 3PH
rated motor power	1.95 kw
horsepower	1.95 kwh/h
control voltage	24V DC
capacity	800-1200pcs/h
minimum length in cross fold	400mm
maximum length in cross fold	1820mm
minimum width in lateral fold	400mm
maximum width in lateral fold	1000mm
maximum size after folding	450mm×600mm
lateral folding modes	Bypass
(width adjustable 140mm-380mm)	Half / 1/3 / Bypass / Half Fold
cross folding mode A & B	1/3-fold with both ends up
	1/3-fold with one end up and the other end down
	1/4-fold
	fixed size 1/3-fold
folding block dimension (W×H×D)	1320×1305×3818mm
machine dimension(W×H×D)	2185×1400×5160mm
weight	1380kg

Product details and machinery specifications are based on the latest information available at time of printing. Sea-lion America Company and Jiangsu Sea-lion Machinery Co., Ltd. reserve the right to change prices and specifications without notice.

Machines are certified to ETL C-US standards. Some new models, including existing models that are in the process of being revised, may not be certified at the time of production. Consult factory for available certifications.



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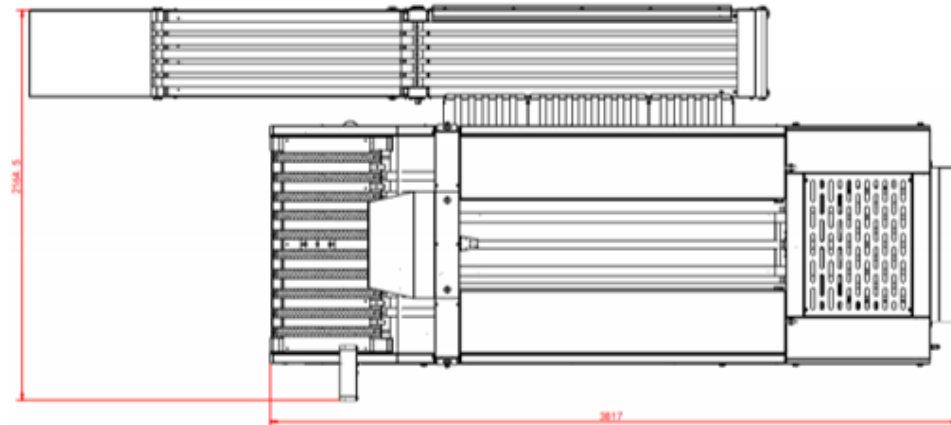


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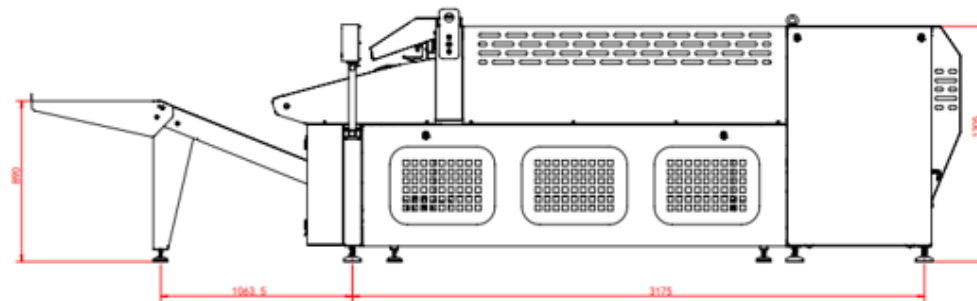
Installation Layout

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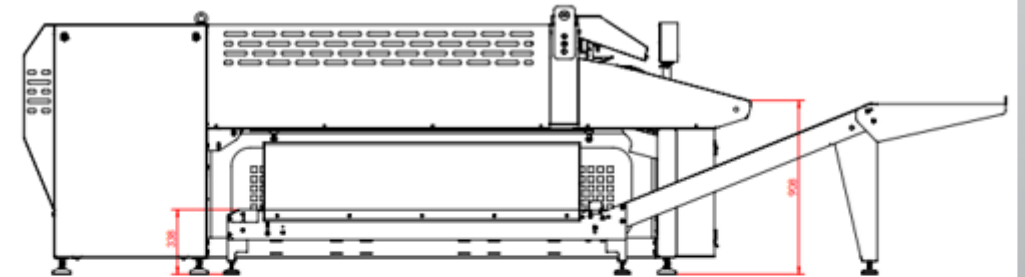
Plan View:



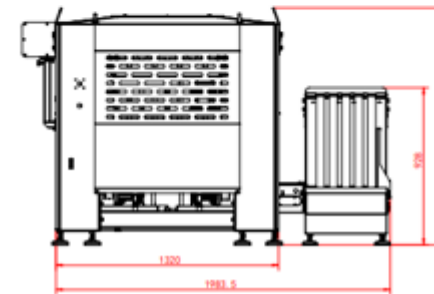
Right Side:



Left Side:



Rear View



Front View

