

# Features



## **Variable-Speed Main Motor**

Controlled by a 4-stage frequency inverter, the drum maintains optimal linen lift and air exposure—maximizing hot air contact and improving drying performance.



## **Intelligent Fan Control**

Frequency-controlled fan adjusts wind speed in real-time based on inlet air temperature, maintaining consistent drum heat and accelerating moisture evaporation.



## **Rain Forest Steam Heating**

“Rain Forest” steam heating to reduces drying time by improving heat transfer of steam to incoming airflow.



## **2-Stage Gas Burner**

High-end burner with exclusive burner box design transfers heat to incoming air rapidly to attain operating temperature then enters efficiency mode to maintain and cooldown load.



## **Easy-Clean Lint Collection**

Shaker style, air flow controlled lint filter can be connected to central vacuum unit or independent collection bin.

# Dryer – Pass-Thru Series



Sea-lion **SDH** pass-thru dryers stand out for its high capacity, full automation, smart drying control, and flexible adjustments — making it a robust, efficient solution for commercial laundry facilities seeking speed, reliability, and quality. Equipped with automatic loading/unloading doors that work in tandem with loading shuttles and unloading conveyors — ideal for seamless, continuous operation.

Available with exclusive “Rain Forest” steam heating or dual stage gas burner.



[www.sealionamerica.com](http://www.sealionamerica.com)

Models available in 120 and 160kg dry load capacity.

# Specifications

Machines are certified to following standards:

2006/42/EC Machinery Directive  
2014/35/EU Low Voltage Directive  
2014/30/EU Electromagnetic Compatibility Directive  
EN ISO 10472-1:2008;EN ISO 10472-4:2008  
EN ISO 12100:2010;EN 60204-1:2006+A1:2009  
EN 61000-6-4:2007+A1:2011;EN 61000-3-2:2014  
EN 61000-3-3: 2013;EN 61000-6-2:2005

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.  
7/2025

SDH:2025



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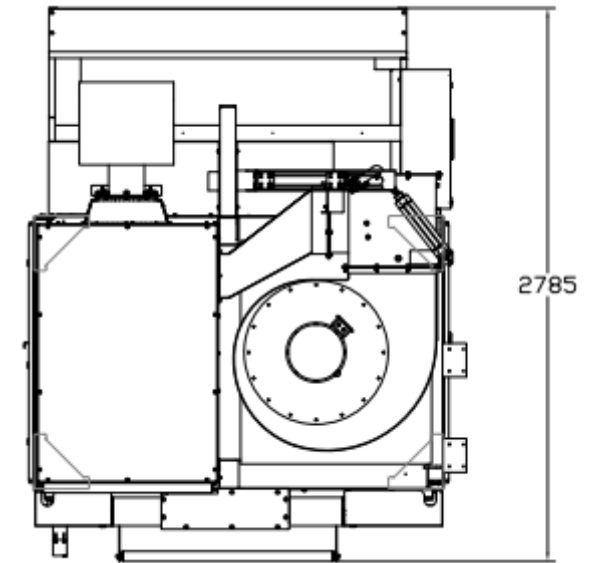
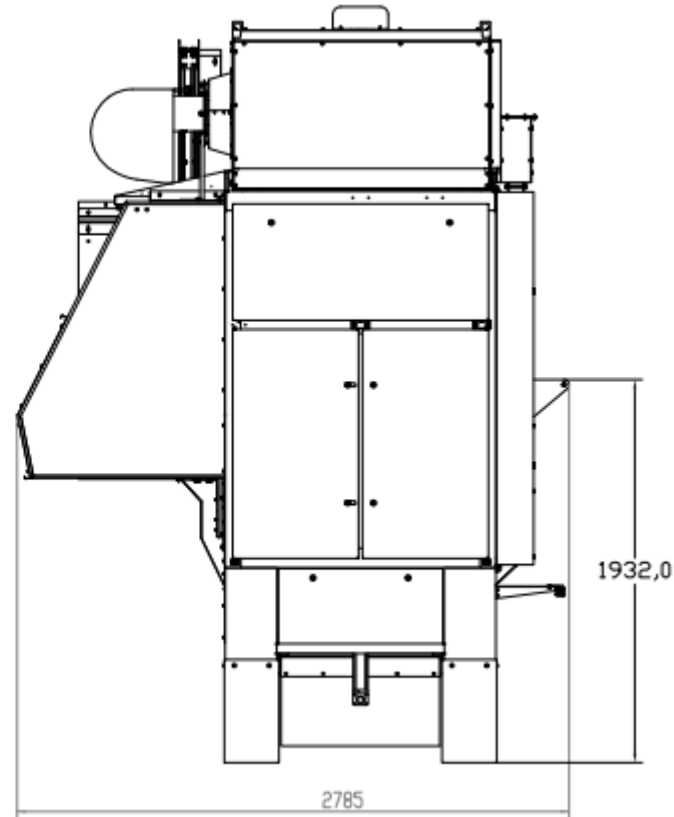
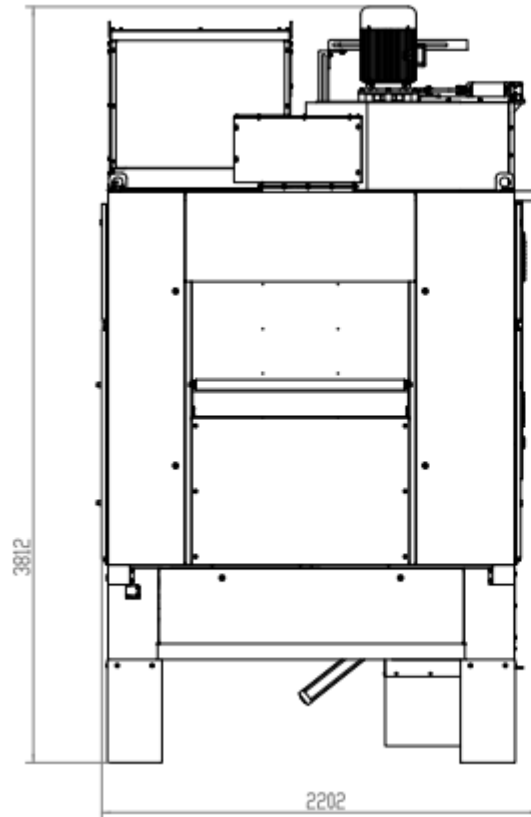
	SDH120	SDH120(Rainforest)	SDH160	SDH160(Rainforest)
Rated Capacity (dry load)	120 kg / 265 lbs	120 kg / 265 lbs	160 kg / 353 lbs	160 kg / 353 lbs
Drum Diameter (mm/inch)	1580/62	1580/62	1700/67	1700/67
Drum Depth (mm/inch)	1397/55	1397/55	1600/63	1600/63
Drum Volume (cu.meter/cu.ft.)	2.42/85.46	2.42/85.46	3.63/128.28	3.63/128.28
Drum Speed (RPM)	26.9	26.9	25.2	25.2
Drum Motor (kW/hp)	3/4.02	3/4.02	4/5.36	4/5.36
Airflow (M³/Hr / CFM)	10680/6286	10680/6286	13800/8122	13800/8122
Fan Motor (kW/hp)	7.5/10.06	7.5+5.5/10.06+7.38	11/14.75	11+5.5/14.75+7.38
Exhaust (mm/inch)	440*438/17.32*17.24	440*438/17.32*17.24	475*475/18.7*18.7	475*475/18.7*18.7
SDH-Z - STEAM heating				
Steam Inlet/Return	DN40/DN25	DN40/DN25	DN40/DN25	DN40/DN25
Width (mm/inch)	2785/109.7	2824/111.2	2988/117.6	3114/122.6
Depth (mm/inch)	2202/86.7	2202/86.7	2322/91.4	2322/91.4
Height (mm/inch)	3812/150.1	3812/150.1	4053/159.6	4053/159.6
Net Weight (kg/lbs)	2770/6107	3340/7363	3415/7529	4145/9138
SDH-R - GAS heating				
	DN25 (Recommend DN 32, Gas Pipe and reduced at joint)	/	DN32 (Recommend DN40, and reduced at joint)	/
Width (mm/inch)	2785/109.7	/	2988/117.6	/
Depth (mm/inch)	2285/90	/	2322/91.4	/
Height (mm/inch)	3812/150.1	/	4053/159.6	/
Net Weight (kg/lbs)	3340/7363	/	3810/8401	/

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.

SDH120

# Installation Layout

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SDH160

# Installation Layout

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