



DI SERIES

225 Pound
325 Pound
475 Pound



Dryer

DI Series

The DI Series - Industrial High Productivity Dryers for Commercial/Industrial Laundries and Hospitality Service

Large Capacity - Flexibility - Built to Last - Protecting your Investment



The DI line of dryers is the perfect match for large washer-extractors such as the 200-475 pound capacity SI Series models. These dryers can be custom built to suit any installation in commercial and industrial laundries where the demand for high productivity is present. The DI series can be built with an automatic door and two way tilt for easy loading and unloading. It is an extremely flexible dryer and can be built in configurations that can integrate with tunnel washing systems. Quality materials and workmanship make this dryer reliable and long lasting. The rugged design and stainless steel cylinder mounted on roller wheels provide excellent service indefinitely.



Microprocessor Control

All DI series dryers are provided with our flexible and advanced microprocessor. With the touch of a button you have total control of the dryer for optimal drying. The microprocessor monitors the temperature, drying action and the performance with unsurpassed accuracy to ensure trouble free operation. The alphanumeric display is large and easy to read. A cool down and anti wrinkle feature keeps the machine in a cool down mode after the cycle has finished. The computer helps enhance safety in the laundry by verifying airflow and monitoring temperature and the door. It automatically prompts to clean the lint filter.



Stainless Steel Cylinder

The 304 stainless steel (18/8) cylinder is supported by four 11 inch diameter high temperature wheels. The wheels are adjustable, keeping the cylinder in position at all times. The wheels on one side are connected to a shaft and gear motor that drives the cylinder. Unlike galvanized steel, oxidation and rust will never be a problem, ensuring that the cylinder will last for the life of the equipment.



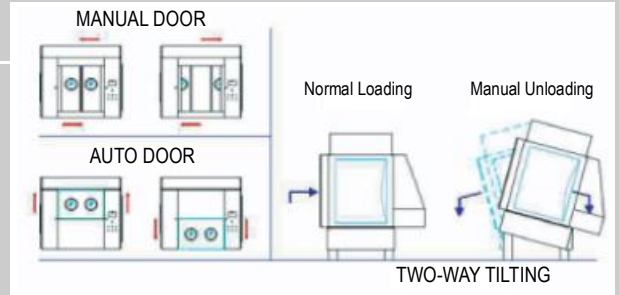
Lint Filter and Lint Compartment

A large dual lint compartment makes maintenance easy. It is accessible from the front and located close to the exhaust fan, preventing fan clog up and eliminating fan vibration. The lint filter is efficient and provides excellent airflow that reduces energy consumption. The microprocessor monitors the lint filter and stops the machine should the screen become blocked.

Industrial High Productivity Dryers

Tilting and Door Options

Our industrial dryers are available with tilting capabilities, either one or two way for ease of loading and unloading. Operation is smooth and sure, thanks to the heavy duty pneumatic cylinders. Machines are offered with single front door or front and rear doors (pass through system). Doors can be ordered manually operated or automatic pneumatic operation. Vertical doors are available as well.



Heating Options

The DI series dryer comes with steam heating, atmospheric gas, or optional forced air burner (standard on DI-475)



Special Designs

The DI series dryers can be custom made to fit any application - height restrictions and automation requirements can be designed for just about any need. The DI dryers can be used in many different applications including automatic loading and unloading with washer-extractors or continuous batch systems. When it comes to environmental issues such as heat and noise, extra insulation and noise absorbing materials can be added to bring down noise levels, reduce energy consumption and improve the work environment. Just ask and you will get the right dryer for your operation.



Powerful Drive and Blower Motors



Totally enclosed motors are rugged and provide long life, meaning lint damaged motors are a thing of the past. The machine is provided with a soft start device for smooth starts and stops. Optionally, an inverter is available for more precise control.

Specifications

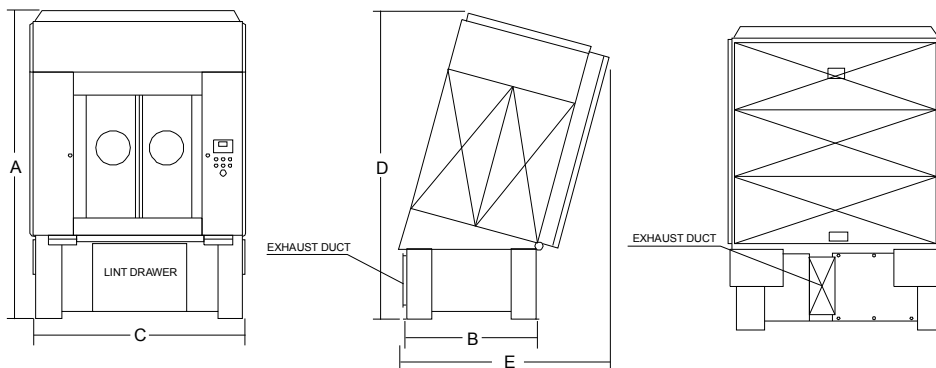
MODEL	Metric	US	DI-225		DI-325		DI-475	
Maximum Capacity (dry weight)	kg	lbs	102	225	147	325	215	475
Basket Diameter	mm	inch	1620	63.78	1620	63.78	1800	70.9
Basket Depth	mm	inch	1240	48.8	1541	60.7	2000	78.8
Basket Volume	cu m	cu ft	2.55	90.26	3.17	112.2	5.1	180.1
Basket Motor	kW	HP	2.34	3	3.7	5	5.5	7.5
Blower Motor	kW	HP	11	15	15	20	18.5	25
Cabinet Size								
A - Machine Height	mm	inch	2902	114.25	3132	123.3	3033	119.4
B - Machine Depth	mm	inch	1550	61	1860	73.2	2562	100.9
C - Machine Width	mm	inch	1926	75.8	1926	75.8	3009	118.5
D - Machine Height Tilted	mm	inch	3160	124.4	3470	136.6	3497	137.7
E - Machine Depth Tilted	mm	inch	2075	81.7	2335	92	2957	116.4
Gas								
Air Flow	cmm	cfm	155	5500	184	6500	311.5	11000
Heat Input	kcal/hr	btu/hr	206640	820000	297355	1180000	718188	2850000
Gas Inlet	mm	inch	38.1	1.5	31.75	2x 1.25	5.08	2
Exhaust Duct	mm	inch	508	20	508	20	610	24
Net Weight	kg	lbs	1664	3670	1837	4050	3745	8260
Shipping Weight	kg	lbs	1732	3820	1905	4200	3820	8410
Steam								
Air Flow	cmm	cfm	198	7000	212	7500	340	12000
Steam Consumption	BHP		30		35		60	
Operating Pressure	sq kg/cm	psi	5.6-8.79	80-125	5.6-8.79	80-125	5.6-8.79	80-125
Steam Supply	mm	inch	50.8	2	50.8	2	63.5	2.5
Steam Return	mm	inch	31.75	1.25	38.1	1.5	31.75	1.25
Exhaust Duct	mm	inch	508	20	508	20	610	24
Net Weight	kg	lbs	1736	3820	1932	4250	3950	8710
Shipping Weight	kg	lbs	1800	3970	1995	4400	4030	8860

Standard Features:

- Microprocessor control
- Large capacity slide out lint drawer
- Sealed bearings
- Reversing cylinder
- Roller driven cylinder
- Insulated panels
- 24VAC Controls

Optional Features:

- Tilt forward
- Tilt both ways
- Variable frequency inverter
- Vertical or horizontal sliding door
- Pass through system with front and rear door
- Side mounted steam coils
- Special design for tunnel washer system
- Humidity control
- PLC control
- Air recirculating system
- Sprinkler system
- Automatic blower cleaning



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