Specification

Standard Features :

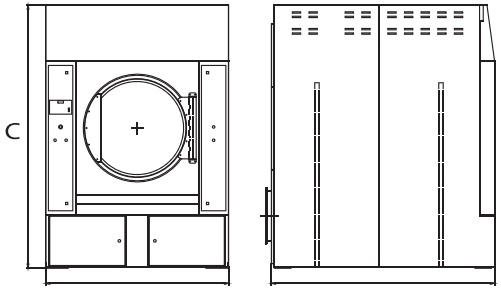
- Microprocessor control
- Reversing cylinder
- Heavy duty drive system
- Large loading door
- Cool down
- Overload protection
- Temperature limit switches
- Soft start
- SUS 304 Stainless Steel Cylinder
- Rotational sensor
- Fire suppression system
- Automatic blower cleaning
- **Heating Supply:** Electric, Steam, or LPG/NG Gas (Select One).
- **Voltage:** 380V AC, 3-Phase, 50/60 Hz.

Optional Features :

- Variable frequency drive
- Air re-circulating system
- Stainless steel front
- Dual timer control
- Fire suppression system

MODEL			DE100	DE120	DE170
Units of Measurement	**Metric**	**US**			
Maximum Capacity (dry weight)	kg.	lbs.	100 (355)	120 (265)	170 (375)
Basket Diameter	mm.	inch.	1499 (59")	1499 (59")	1810 (71.3")
Basket Depth	mm.	i nch.	1190 (46.85")	1240 (48.82")	1260 (49.6")
Basket Volume	cu.m.	cu.ft	2.1 (74)	2.19 (77.28)	3.24 (114.54)
Basket Motor	kW	HP	2.24 (3)	3.75 (5)	5.5 (7.5)
Blower Motor (Gas/Steam)	kW	HP	7.5 (10)	7.5 (10)	7.5 (10)
Overall Dimensions :					
A - Machine Width	mm.	inch	1650 (65")	1650 (65")	1966 (77.4")
B - Machine Depth	mm.	inch	2059 (81.1")	2151 (84.7")	2330 (91.7")
C - Machine Height at Full	mm.	inch	2372 (93.5")	2374 (93.5")	2930 (116.5")
Cylinder Speeds (Programable)					
Drying	PRM	G-Force	36 (1.06)	36 (1.09)	36 (1.31)
Gas Model :					
Air Flow	cmm	cfm	150(5300)	164(5800)	164(5800)
Gas Consumption	kg/hr	btu/hr	16–95 (750000)	20–120 (950000)	25–150 (1180000)
Gas Inlet Connection	NPT		1"	1"	1"
Exhaust Duct Connection	mm.	inch	508(20")	508(20")	508(20")
Net Weight (approx.)	kg.	lbs.	1579(3481)	1798(3963.9)	2345.5(5171)
Domestic Shipping Weight (approx.)	kg.	lbs.	1625(3582.5)	1844(4065.3)	2391.5(5272.3)
Steam Model :					
Air Flow	cmm	cfm	184(6500)	198(7000)	198(7000)
Steam Consumption	kg/hr	lb/hr	422.55(931.5)	500.8(1104)	547.75(1207.5)
Steam supply Connection	NPT		2"	2"	2"
Steam return connection			2"	2"	2"
Electrical Consumption	kW		48	48	60
Exhaust Duct Connection	mm.	inch	508(20")	508(20")	508(20")
Steam Pressure	bar	MPa	4-6(0.4-0.6)	4-6(0.4-0.6)	4-6(0.4-0.6)
Air Pressure	bar	Psi	6-8(87-116)	6-8(87-116)	6-8(87-116)
Net Weight (approx.)	kg.	lbs.	1732(3818.4)	1995(4398.2)	2175(4795)
Domestic Shipping Weight (approx.)	kg.	lbs.	1776(3915.4)	2025(464.4)	2225(4905)

Specification of design is subject to change without notice. For additional options please consult factory and distributor.



ISO 9001 : 2015 ISO 14001 : 2015 ISO 13485 : 2016 ISO 45001 : 2018 ISO 50001 : 2018

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Image Laundry Systems

DE



Tumble Dryer

DE Series

MODEL : DE100, DE120, DE170



DE Series

The Image DE Series - Professional High Productivity Dryers for commercial Industrial and Hospitality Service

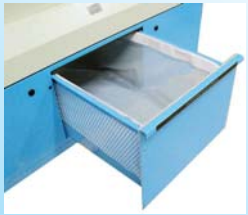
Built to Last High Productivity Unsurpassed Quality

The **DE** series dryer is unlike any other dryer in the industry. This heavy-duty professional dryer is built to the highest standards of quality and designed to last indefinitely. Discover the benefits of the engineering and workmanship that have gone into creating this fine piece of equipment. The robust design and the energy saving features ensure low cost of ownership, fast drying time and an unsurpassed performance.



Microprocessor Control System

Equipped with a Microprocessor Control system and user-friendly touch-screen, supporting fully automatic and semi-automatic operation, multiple customizable drying programs and programmable sequences, with precise monitoring of temperature and drying status, Cool Down and Anti-Wrinkle functions, safety monitoring of airflow, temperature sensors and door status, and end-of-cycle alarms.



Lint Filter and Lint Compartment

Large self-cleaning lint screens make maintenance easy.
The screens are accessible from the front and located close to the exhaust fan, preventing fan clog up and eliminating fan vibrations. The lint filter is efficient and provides a good airflow that reduces the energy consumption.
The microprocessor monitors the lint filter and stops the machine, should the lint screen become blocked.



Safety Door and Over-Temperature Protection

Equipped with a large, heavy-duty door that opens 180° for easy loading and unloading. A safety interlock prevents the door from being opened while the machine is operating. The door is secured by a magnetic latch and fitted with a safety switch that stops the machine if the door is opened. An automatic safety system also shuts down the machine when an abnormally high temperature is detected.

Professional High Performance Dryers



Steam Heating

All steam-heated **DE** machines use the steam damper that allows the coil to stay constantly charged, eliminating repeated expansion and contracting. When the damper is open the air immediately passes through the already hot coil providing instant heat to start the drying process. When the damper is closed, ambient air is drawn directly into the cylinder allowing for rapid cool down.

Built to Rugged Construction Insulated for Energy Efficiency



The **DE** Series features a sturdy cylinder design with double sealed bearings and a quiet belt drive. The pulleys are cast iron for durability. A heavy base frame protects the machine during shipping and installation. The hammer tone painted totally enclosed cabinet provides excellent protection against corrosion and utilizes heavy gauge steel and welded design that makes it stronger than any other dryer on the market.
The hammer tone - coated paint - adds an enduring lasting look to your dryer. The cabinet is a fully enclosed design with insulation that improves efficiency by capturing radiant heat and retaining it inside the dryer. This also lowers the noise level and improves the working conditions inside your laundry.
The drying cylinder is all stainless steel 304 (18/8)

Drive Motors

All Motors are totally enclosed and fan cooled to prevent lint build-up.
To prevent tangling, a reversing cyclinder is standard.

Gas Heating System



The gas-heated models provide high heating efficiency and increased productivity. Instantaneous burner ignition enables the dryer to reach the desired temperature quickly and efficiently.
The airflow is evenly distributed into the drying cylinder to minimize heat loss, while felt seals help reduce air leakage from

Safety Protection System

Equipped with an over-temperature protection system that continuously monitors the operating temperature and automatically stops the machine when the temperature exceeds the preset limit or an abnormal condition is detected, ensuring safe operation.