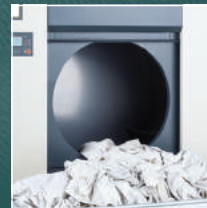


TUMBLE DRYERS

TTD 20 · 28 · 40 · 60 · 110



STANDARD FEATURES & BENEFITS

- Industrial tumble dryer
- Stainless steel drum for long life and to avoid corrosion
- Fully insulated, energy-saving drum
- Reversing drum for efficient drying of large items
- Wide hatch sliding doors for easy loading & unloading with window
- Large and easily accessible and removable stainless steel filter with window for visual management
- Hinged lint filter door for easy opening & cleaning
- Flexible and freely programmable control with large display for easy operation and perfect management of your laundry business
- Clear status light indication for easy and quick visual management
- Adjustable feet (fixed on TTD 110)
- Forward tilting on TTD 110 for easy unloading
- Sprinkler device for fire suppression on all gas tumblers
- Sail switch on all models for efficient drying
- Electric solenoid valve on TTD 20 · 28 · 40 · 60
- Pneumatic steam valve on TTD 110
- Fresh air intake flap for cool down on TTD 110 steam
- Standard Inverter drive

OPTIONS

- Residual moisture control + variable speed for perfect drying of delicate linen
- Pneumatic steam valve on TTD 20 · 28 · 40 · 60
- Fresh air intake flap for fast cool down on TTD 20 · 28 · 40 · 60
- Adjustable speed of the drum
- Heat recirculation for more efficient drying and lower energy consumption
- Sprinkler device for fire suppression on steam heated models
- Steam inlet hose
- Stainless steel high pressure steam coil (max. 12 bar)
- Infrared sensor

TOLON

TUMBLE DRYERS TTD

TTD 20 · 28 · 40 · 60 · 110

MODEL	UNIT	TTD 20	TTD 28	TTD 40	TTD 60	TTD 110	
CAPACITY							
Dry load	kg	20	28	40	60	110	
Performance	kg/h	35	48	68	102	165	
Evaporation	Gas	l/h	21	28	40	107	
	Steam	l/h	18	24	34	92	
	Electric	l/h	15	21	29	-	
Cycle duration	Gas	min	30-35	30-35	30-35	40	
	Steam	min	35-40	35-40	35-40	35-40	
	Electric	min	40-45	40-45	40-45	-	
DRUM							
Drum diameter	mm	980	980	1230	1230	1362	
Drum depth	mm	560	700	680	957	1620	
Drum volume	l	422	528	808	1137	2360	
DOOR (SLIDING)							
Door opening Ø	mm	600	600	715	715	885	
HEATING POWER							
Electrical heating element	kW	20,4	31,2	36	45	-	
Steam heat exchanger	6 Bar	kW	22	28	45	120	
		Btu	75067	95540	153546	170607	409457
	12 Bar	kW	24	30	50	135	
		Btu	81891	102364	170607	204728	460639
Gas burner	kW	26,49	34,13	55,24	71,12	150,27	
	Btu	90387	116456	188487	242672	512743	
ELECTRIC RATING							
Drum motor power	kW	0,55	0,55	1,1	1,1	5,5	
Fan motor power	Electric	kW	1,1	1,1	2,2	7,5	
	Steam/gas	kW	1,1	1,1	3	7,5	
ELECTRIC CONSUMPTION							
Electric heated models ^{1 2}	kW/h	21	32	39	48	-	
Steam heated models ¹	kW/h	1	1	1,15	1,25	8	
Gas heated models ¹	kW/h	1	1	1,15	1,25	8	
STEAM DATA							
Steam valve connection Ø	DN-BSP	25-1"	25-1"	25-1"	25-1"	50-2"	
Steam condenser Ø	DN-BSP	20-¾"	20-¾"	25-1"	25-1"	25-1"	
Steam pressure	6 Bar	kPa	400-600	400-600	400-600	400-600	
	12 Bar	kPa	1000-1200	1000-1200	1000-1200	1000-1200	
Steam consumption ¹	kg/cycle	35	40	80	120	180	
GAS DATA							
Gas connection Ø	DN-BSP	15-½"	15-½"	15-½"	15-½"	15-½"	
Gas pressure	Natural gas	mbar	20-60	20-60	20-60	20-60	
	LPG	mbar	30-60	30-60	30-60	30-60	
Gas consumption (per hour) ¹	Natural gas	m³/h	2,73	3,52	5,71	7,35	15,53
		Btu/h	90387	116456	188487	242672	512743
	LPG	m³/h	1,16	1,3	2,1	2,8	6,3
		Btu/h	101988	118538	199269	256593	552767
Gas consumption (per cycle) ¹	Natural gas	m³/cycle	1,6	2,03	2,99	3,8	9,61
		Btu/cycle	52785	66980	98645	125362	317056
	LPG	m³/cycle	0,66	0,72	1,1	1,45	3,7
		Btu/cycle	57801	65240	103046	131367	324153
AIR DATA							
Air connection Ø	mm	8	8	8	8	10	
Air consumption	l/min	60	60	60	60	120	
Air pressure	bar	6-8	6-8	6-8	6-8	6-8	

TOLON reserves the right to make changes to the machines and the specifications in this datasheet at any time, without prior notice. Details and photographs are only for informational purposes and are never binding.

TUMBLE DRYERS TTD

TTD 20 · 28 · 40 · 60 · 110

SPRINKLER DATA							
Water connection Ø	BSP		¾"	¾"	¾"	¾"	¾"
Water pressure	mbar		2-4	2-4	2-4	2-4	2-4
Water flow capacity (min.)	l/h		1000	1000	1000	1000	1000
EXHAUST DATA							
Exhaust connection Ø	mm		200	200	200	200	300
Airflow	Electric	m³/h	1750	1750	2500	2600	-
	Steam/gas	m³/h	1800	1800	2750	2800	5000
PROGRAMMABLE CONTROL							
3 default programmes (max 20)			Std	Std	Std	Std	Std
LCD display 80 x 50 mm			Std	Std	Std	Std	Std
DIMENSIONS (WxDxH)							
Standard	Electric	mm	1166 x 1382 x 1971	1166 x 1522 x 1971	1416 x 1528 x 2191	1416 x 1803 x 2191	-
	Steam	mm	1166 x 1382 x 1977	1166 x 1522 x 1977	1416 x 1528 x 2376	1416 x 1803 x 2376	1580 x 2730 x 2700
	Gas	mm	1166 x 1382 x 2009	1166 x 1522 x 2009	1416 x 1528 x 2229	1416 x 1803 x 2229	1580 x 2730 x 2500
Packing	Electric	mm	1198 x 1450 x 1996	1198 x 1590 x 1996	1447 x 1595 x 2215	1447 x 1870 x 2215	-
	Steam	mm	1198 x 1450 x 2002	1198 x 1590 x 2002	1447 x 1595 x 2301	1447 x 1870 x 2301	1700 x 2760 x 2400 700 x 1700 x 650
	Gas	mm	1198 x 1450 x 2033	1198 x 1590 x 2033	1447 x 1595 x 2254	1447 x 1870 x 2254	1700 x 2760 x 2400 710 x 970 x 1330
WEIGHT							
Net weight	Electric	kg	435	460	615	665	-
	Steam	kg	430	455	690	730	2075
	Gas	kg	450	475	665	705	1840
Gross weight	Electric	kg	460	485	640	695	-
	Steam	kg	455	480	715	760	2275 (1975 + 300)
	Gas	kg	475	502	690	735	2060 (1975 + 85)
Steam heat exchanger	Net	kg					275
	Gross	kg					300
Combustion chamber	Net	kg					40
	Gross	kg					85
SOUND PRESSURE							
Sound level	db(A)		< 63,7	< 63,7	< 63,7	< 63,7	< 63,7

¹ Consumption figures with 100% cotton and 50% initial moisture dried to 0%

² Measured on 400V