

TUMBLE DRYERS

TTD 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
- Pressure switch on all models for efficient drying
- Electric solenoid valve on TTD 28 · 40 · 60
- Pneumatic steam valve on TTD 110
- Fresh air intake flap for cool down on TTD 110 steam
- Standard Inverter drive

OPTIONS

- Pneumatic steam valve on TTD 28 · 40 · 60
- Residual moisture control + variable speed for perfect drying of delicate linen
- Fresh air intake flap for fast cool down on TTD 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

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MODEL		UNIT	TTD28	TTD40	TTD60	TTD110
CAPACITY						
Dry load		kg	28	40	60	110
Performance		kg/h	48	68	102	165
Evaporation rate	Gas	l/h	28	40	62	107
	Steam	l/h	24	34	53	92
	Electric	l/h	21	29	45	N/A
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	N/A
DRUM						
Drum diameter		mm	980	1230	1230	1362
Drum depth		mm	700	680	957	1620
Drum volume		l	528	808	1137	2360
DOOR (SLIDING)						
Door opening Φ		mm	600	715	715	885
HEATING POWER						
Electrical heating element		kW	31,2	36	45	N/A
		Btu	106459	122837	153546	N/A
Steam heat exchanger	6 bar	kW	28	45	50	120
		Btu	95540	153546	170607	409457
	12 bar	kW	30	50	60	135
		Btu	102364	170607	204728	460639
Gas burner		kW	44	55,24	71,12	150,27
		Btu	150134	188487	242672	512743
ELECTRIC RATING						
Drum motor power		kW	0,55	1,1	1,1	5,5
Fan motor power	Electric	kW	1,1	2,2	2,2	7,5
	Steam/gas	kW	1,1	3	3	7,5
ELECTRIC						
Electric consumption ¹	Electric ²	kW/h	14,53	17,19	21,24	N/A
	Steam	kW/h	1	1,15	1,25	8
	Gas	kW/h	1	1,15	1,25	8
STEAM						
Steam valve connection Φ		DN	25	25	25	50
		BSP	1"	1"	1"	2"
Steam condenser Φ		DN	20	25	25	25
		BSP	¾"	1"	1"	1"
Steam pressure (min-max)	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	40	80	120	180
GAS						
Gas connection Φ		DN	15	15	15	15
		BSP	1/2"	1/2"	1/2"	1/2"
Gas pressure (min-max)	Natural gas	mbar	20-50	20-50	20-50	20-50
	LPG	mbar	30-60	30-60	30-60	30-60
Gas consumption (per hour) ¹	Natural gas	m³/h	4,5	5,71	7,35	15,53
		Btu/h	150134	188487	242672	512743
	LPG	m³/h	1,7	2,1	2,8	6,3
		Btu/h	150134	199269	256593	552767
Gas Consumption (per cycle) ¹	Natural gas	m³/cycle	2,5	2,99	3,8	9,61
		Btu/cycle	82488	98645	125362	317056
	LPG	m³/cycle	0,92	1,1	1,45	3,7
		Btu/cycle	82488	103046	131367	324153

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AIR DATA

Air connection Φ	mm	8	8	8	10
Air consumption	l/min	60	60	60	120
Air pressure	bar	6-8	6-8	6-8	6-8

SPRINKLER DATA

Water connection Φ	BSP	¾"	¾"	¾"	¾"
Water pressure (min-max)	mbar	2-4	2-4	2-4	2-4
Water flow capacity (min)	l/h	1000	1000	1000	1000

EXHAUST DATA

Exhaust Connection Φ	mm	200	200	200	300
Airflow	Electric m³/h	1750	2500	2600	N/A
	Steam/gas m³/h	1800	2750	2800	5000

PROGRAMMABLE CONTROL

3 default programs (max 20)	Std	Std	Std	Std
LCD display 80x50 mm	Std	Std	Std	Std

DIMENSIONS (WXDXH)

Net	Electric	mm	1166 x 1522 x 1971	1416 x 1528 x 2191	1416 x 1803 x 2191	N/A
	Steam	mm	1166 x 1522 x 1977	1416 x 1528 x 2376	1416 x 1803 x 2376	1580 x 2730 x 2700
	Gas	mm	1166 x 1522 x 2009	1416 x 1528 x 2229	1416 x 1803 x 2229	1580 x 2730 x 2500
Packed	Electric	mm	1198 x 1590 x 1996	1447 x 1595 x 2215	1447 x 1870 x 2215	N/A
	Steam	mm	1198 x 1590 x 2002	1447 x 1595 x 2301	1447 x 1870 x 2301	1700 x 2760 x 2420 700 x 1700 x 650
	Gas	mm	1198 x 1590 x 2033	1447 x 1595 x 2254	1447 x 1870 x 2254	1700 x 2760 x 2420 710 x 970 x 1330

WEIGHT

Net	Electric	kg	460	615	665	N/A
	Steam	kg	455	690	730	2075
	Gas	kg	475	665	705	1840
Packed	Electric	kg	485	640	695	N/A
	Steam	kg	480	715	760	2275 (1975+300)
	Gas	kg	502	690	735	2060 (1975+85)
Steam heat exchanger	Net	kg	Included	Included	Included	275
	Packed	kg	Included	Included	Included	300
Combustion Chamber	Net	kg	Included	Included	Included	40
	Packed	kg	Included	Included	Included	85

SOUND PRESSURE

Sound level	db(A)	< 63,7	< 63,7	< 63,7	< 63,7
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¹ Consumption figures with 100% cotton and 50% initial moisture dried to 0%

² Measured on 400V