



### P CONTROL

Push buttons to control temperature and time.

### OUTSTANDING FEATURES

Reversing drum action as standard.  
Stainless steel drum as standard.  
Frequency inverter as standard.

### EFFICIENCY

DUAL AIRFLOW - Optimized system of mixed air flow.  
Big fluff filter.

### VERSATILITY

Make to order: customisation.  
OPL > Coin laundry - Standard OPL model easily trasformable to coin laundry uses.

### ERGONOMICS

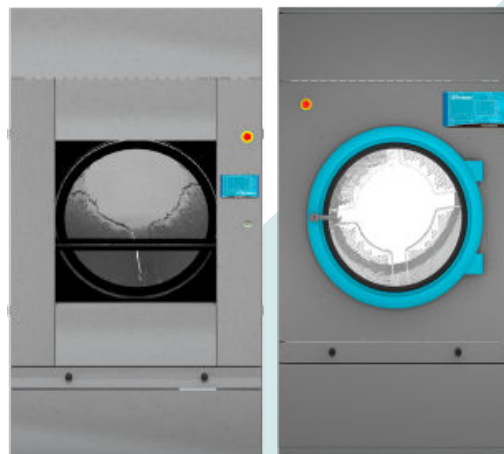
Drawer as fluff filter, stainless steel mesh.  
Biggest door diameters.  
Opening sense of door adjustable on site (models without sliding door).

### EASY MAINTENANCE

Hinged control panel: easy and ergonomic access.  
Technical menu: statistics for technicians and maintenance with external console (with console option).  
Easy to access to components

### OTHERS

Grey Skinplate outer casing, stainless steel look.  
EFFICIENT DRUM: the new drum with stamped holes.  
COOL DOWN: anti-wrinkle at the end of the cycle.  
Heating options: electric, gas and steam.  
CE approved.



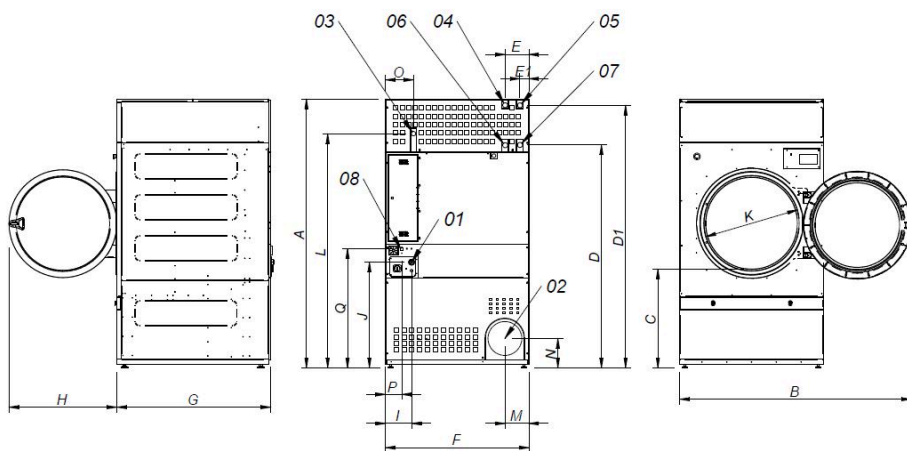
### OPTIONS

- 440/480V 3~ 60 Hz DO-45-60-80
- Manual sliding door DS-45/60/80 (no double glass)
- Double doorglass DS-28/35/45/60/80
- Opposite door opening DS-45/60/80
- Back panel with air filter DS-45/60/80
- Fluff filter with grid 0/6 mm (standard is 0/3 mm)
- Fluff filter with grid 1/2 mm (standard is 0/3 mm)
- Stainless steel front and side panels DS-45
- Front panel in stainless steel DS-45/60/80
- Low pressure steam battery DS-45/60/80
- Maritime wooden packing DS-45
- NG gas option (Natural)
- 400 V III N 60 Hz DS-45/60/80 E/S
- 400 V III N 60 Hz DS-45/60/80 G
- 230 V III 50 Hz DS-45/60/80 G
- 230 V III 60 Hz DS-45/60/80 E/S
- 230 V III 60 Hz DS-45/60/80 G
- 440/480V III 60 Hz DS-45/60/80
- 230 V III 50 Hz DS-45/60/80 E
- 230 V III 60 Hz DS-45/60/80 E

CAPACITY & DRUM		UNIT.	DS-45 P
Capacity 1/18		Kg	50
		lb	110,2
Capacity 1/20		Kg	45
		lb	99,2
Ø Drum		mm	1.225
		inch	48,23
Drum length		mm	760
		inch	29,92
Drum volume		l	900
		cu ft	31,78
Ø Door hole		mm	802
		inch	31,57
Door center height		mm	1.275
		inch	50,20
Height from floor to bottom of door		mm	813
		inch	31,99
ELECTRIC HEATING			
Evaporation capacity		L/h	40,2
		US gallon/h	10,6
Hourly output		Kg/h	80,4
		lb/h	177,2
Installed heating power		kW	54
Installed electrical power		kW	55,9
Drum motor power		kW	0,75
GAS HEATING			
Evaporation capacity (gas model)		L/h	42,5
		US gallon/h	11,227
Hourly output (gas model)		Kg/h	84,4
		lb/h	186,1
Installed gas heating power		kcal/h	51591
		Btu/h	204728,5
Installed gas heating power		kW	60
Installed electrical power		kW	1,9
Instant propane gas consumption (G31)		Kg/h	5,14
		lb/h	11,33
Instant natural gas consumption (G20)		m <sup>3</sup> /h	6,35
		cfm	3,74
Ø Gas inlet		BSPP ISO 228-1	3/4"
STEAM HEATING			
Installed steam heating power		kW	91
		Btu/h	310505
Installed electrical power		kW	1,9
Steam consumption (8 barG) - Standard		kg/h	121
Steam consumption (116 psiG)		lb/h	145,8
Steam pressure		barG	7 - 12
		psiG	101,5 - 174
Standard steam inlet - outlet		BSPT- ISO7.1	1"
Standard steam inlet - outlet		NPT ANSI B1.20.1 Tapered	1"
Steam consumption (5 barG) - Low Pressure		kg/h	142
Steam consumption (72,5 psiG) - Low Pressure		lb/h	171,1
Steam pressure (low pressure)		barG	4 - 7
		psiG	58 - 101,5
Low pressure steam inlet - outlet		BSPT- ISO7.1	1" 1/2
THERMAL OIL HEATING			
Installed heating power		kW	91
Installed electrical power		kW	1,9
Fluid consumption (T max 175°C)		m <sup>3</sup> /h	7



Thermal oil connection	BSP	1" 1/2	
<b>VENTILATION</b>			
Fan motor power	kW	1,1	
Nominal air flow rate	m <sup>3</sup> /h	3.000	
	cfm	1765,73	
Ø Fume exhaust	mm	300	
Ø Fume exhaust	inch	11,81	
<b>HEAT EMISSION</b>			
Maximum total heat emission	kW	16592,7	
	Btu/h	16592,7	
Max. front heat emission	kW	2,16	
	Btu/h	7374,5	
<b>CONNECTIONS</b>			
Tension 230V - I + N + T	Nº x mm <sup>2</sup> / A	-	-
Tension 230V - III + T	Nº x mm <sup>2</sup> / A	-	4 x 2,5 / 20A
Tension 400V - III + N + T	Nº x mm <sup>2</sup> / A	5 x 35 / 100A	5 x 2,5 / 20A
<b>NET DIMENSIONS / D. WITH PACKING</b>			
Net / gross width	mm	1.270 / 1.330	
	inch	50 / 52,36	
Net / gross depth	mm	1.106 / 1.185	
	inch	43,54 / 46,65	
Net height / gross height without heating	mm	2.380 /*2.200	
	inch	93,70 / *86,61	
Net / gross weight	Kg	395 / 430	
	lb	870,83 / 947,99	
<b>OTHERS</b>			
Sound level	dB	67	



- 01 ELECTRIC CONNECTION
- 02 FUMES OUTLET Ø300
- 03 GAS CONNECTION 3/4"
- 04 STEAM CONNECTION (DS-45) 1"
- 05 STEAM CONNECTION (DS-60/80) 1"
- 06 CONDENSATION OUTLET (DS-45) 1"
- 07 CONDENSATION OUTLET (DS-60/80) 1"
- 08 ETHERNET CONNECTION (only available T2 CONTROL models)

\* Measurement with legs mounted (30mm)

	A	B	C	D	D1	E	E1	F	G	H	I	J	K	L	M	N	O	P	Q
DS-45	2380*	2045	874	1981	2311	211	80	1270	1106	956	248	935	802	2088	214	240	244	160	1053
DS-60	2380*	2045	874	1981	2311	211	80	1270	1366	956	248	935	802	2088	214	240	244	160	1053
DS-80	2380*	2045	874	1981	2311	211	80	1270	1598	956	248	935	802	2088	214	240	244	160	1053