

GLASSWASHERS FRONT AND SIDE DISHWASHERS



ANGELO PO





With more than eighty years of experience in the catering industry, Angelo Po introduces the new **fixed basket glasswashers and dishwashers**, featured by systems and devices aimed to increase **hygiene** and to **improve cost savings** and **performances**. As usual these devices guarantees **maximum reliability, safety, easy maintenance** and the accessibility to electrical and mechanical components.

+Hygiene

- Pressed Wash Tank • Rounded corners
- Stainless Steel Filters • Incoloy Heating Elements for the Boiler and Tank • Upper and Lower Washing Arms

+Reliability and safety

- Automatic Temperature Control in the Boiler and Tank • Mains Water non-return hygiene device

- Running costs +Noiseless

- Double Skin Hood

Glasswashers (KD40LUX), front-loading dishwashers (KD60-KD85) and side-loading dishwashers (KD100-KD130) ranges could include **E, A or T versions** (see conclusive table page 13).

E version with electronic control panel:

- tank and boiler digital temperature display
- 4 washing cycles: 1-2-3-5 minutes
- Thermostop function: the rinse starts only when the water reaches the preset temperature
- Energy saving device reduces the boiler temperature when the appliance is waiting for another washing cycle • self-diagnosis • self-cleaning.

A version with Air-Gap: • water supply circuit cut-off function which ensures that washing water cannot return to the mains; the device conform to WRAS standards, AA Type • rinse pump for a secured rinse at a constant pressure.

T version: • rinse at constant temperature (85°C).



KD40LUXE

KD37



1



2



3

- 1 Round basket (CLT37)
- 2 Square basket with three sloping inserts (CLO40)
- 3 Insert for flute glasses (I3FF)
- 4 Inclined washing tank, specially shaped



2



4



Upper and lower washing arms with stainless steel unscrew jet nozzles (KD40LUX-KD40LUXE)

Glasswashers...

+ hygiene, + reliability,
- running costs



Common technical-construction features

- AISI 304 stainless steel construction
- double skin structure
- basket runners and stoppers pressed on the washing chamber
- tank filter in micro-perforated stainless steel
- insulated AISI 304 stainless steel rinse boiler
- continuous duty self ventilated wash pump, with thermal protection
- extractible control panel console
- tank and boiler temperature automatic control
- boiler safety thermostat
- door safety micro switch automatic
- adjustable rinse-aid dispenser
- rinse-aid plastic tank on the front of the glass washer
- mains water non-return hygiene DVGW device
- cold rinse cycle selector
- standard equipment: 2 glass square baskets; 1 cutlery box; 1 saucer insert
- all models conform to CE standards.

KD37-KD40 model features

- AISI 304 stainless steel filter on the tank area, two rounded corners and two welded corners
- cross type upper/lower washing arms (for KD37 washing only on the lower arms) rotating, extractible and accessible for inspection through unscrewing a ring placed on the central hub on the cross arms
- upper and lower rinsing arms with plastic unscrew able jet nozzle.

KD40LUX model features

- inclined and pressed wash tank, specially shaped in order to optimize the washing power; rounded corners
- two-part stainless steel filter on tank surface with handles
- cross type upper/lower washing arms rotating, extractible and accessible for inspection through unscrewing a ring placed on the central hub on the cross arms
- double skin counter-balanced door
- KD40LUXE: electronic control panel version.



KD60EAT +
frame TKD60 +
feet kit KPTKD60



KD60

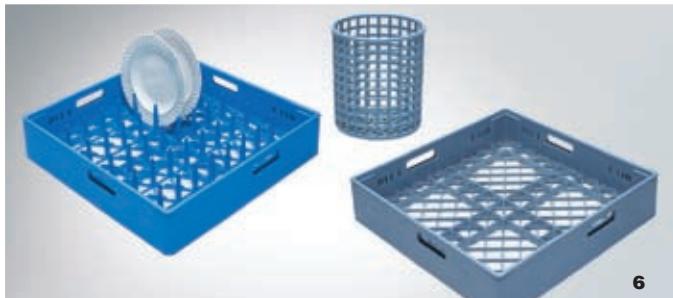
KD85EPS



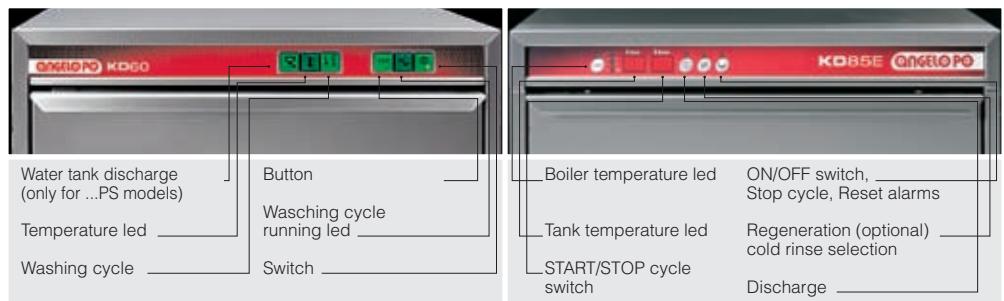
- 1 KD60... washing inside
- 2 KD60... washing tank inside
- 3 KD85... washing inside
- 4 KD85... washing tank inside
- 5 Upper and lower washing arms front-loading dishwasher
- 6 **Standard supplied resin basket:**
2 x KDCP18,
1 x KDCGML,
1 x cutlery box



5



6



Front loading dishwashers...



Common technical-construction features

- all models built in AISI 304 stainless steel
- double skin structure for soundproofing and insulation
- pressed coved and radiused washing tank
- pressed upper/lower wash rotating arms made in AISI 304 stainless steel
- upper/lower rinse rotating arms made in AISI 304 stainless steel with stainless steel jet nozzles
- basket runners pressed on the washing chamber
- filter on the washing pump aspiration
- insulated AISI 304 stainless steel rinse boiler
- continuous duty high-capacity wash pump, with thermal protection
- pressure gauge for protection of water tank heating element
- pull-out control panel
- automatic water tank and boiler thermostat temperature control
- cut-out to protect against heating without water
- adjustable rinse-aid dispenser to aid faster drying
- rinse-aid dispenser
- insulated front door with pressed inner door
- magnetic door safety micro switch
- 1/1 GN trays can be washed with the appropriate basket
- mains water 'no-return device' fitted as standard
- height-adjustable feet
- drain pump is standard on all ...PS models
- all models conform to CE standards.

KD60... model features

- inclined washing tank, specially shaped in order to optimize the washing power, equipped with stainless steel filters, 17 liter capacity
- 2 wash programs: 120-180 seconds
- 1/1 GN trays can be washed
- door opening height clearance: 340 mm
- electronic timer
- Thermostop function: the rinse starts only when the water reach the preset temperature
- timed drain pump on all ...PS models.

KD60... dishwashers range also includes models with **E, A, T** versions.

KD60... models can be positioned on frame mod.TKD60, built in AISI 304 stainless steel, open on the top and the front with lower compartment for standard basket storage. The frame is equipped as standard with height-adjustable feet which allow to raise the dishwasher height to 90 cm. Optional feet kit (130-220 mm height) which allows cleaning under the frame/dishwashing machine.

KD85... model features:

- radiused and pressed tank, 21 liter capacity
- two-part stainless steel filter on tank surface
- door opening height clearance: 450 mm
- all 1/1 GN, Euronorm (530 x 370 mm) or 600 x 400 mm trays can be washed
- height-adjustable stainless steel feet, 150 mm height.

KD85... dishwashers range includes models with **E, A** versions.



Automatic side-loading dishwashers...

Common technical-construction features

- all models in AISI 304 stainless steel
- opening hood with front handle
- double skin hood
- wash cycle starts on lowering hood
- safety micro switch
- twin wash and rinse circuit with AISI 304 stainless steel spray arms
- wired filter in AISI 304 stainless steel on the washing pump aspiration
- AISI 304 stainless steel filters on the tank area
- insulated AISI 304 stainless steel rinse boiler
- continuous duty high-capacity wash pump, with thermal protection
- pump heated elements protected by pressure device
- tank and boiler temperature automatic control and temperature display on the control panel
- boiler safety thermostat
- automatic adjustable rinse-aid dispenser
- mains water no-return hygiene device
- suitable also for corner installation
- height-adjustable AISI 304 stainless steel feet
- all models conform to CE standards.



KD100... model features:

- inclined washing tank, specially shaped in order to optimize the washing power; capacity: 30 liters
- washing pump power: 1.5 HP
- 2 washing cycles: 60-120 seconds
- useful working height of washing tunnel: 370 mm.

KD100... dishwashers range also includes a models with **A** version.

KD130... model features:

- inclined washing tank, specially shaped in order to optimize the washing power; capacity: 42 liters
- self-washing vertical pump power: 2 HP
- 3 washing cycles: 50-100-150 seconds
- useful working height of washing tunnel: 410 mm.

KD130... dishwashers range includes models with **E, A, T** versions.







Accessories for **automatic side-loading** dishwashers...

All models can be equipped with shelves or tables for basket infeed/outfeed, sorting tables with pre-wash tank and storage table.

- Infeed/outfeed shelf mod. MEUKD60
- Infeed/outfeed tables mod. TEUKD...
- Pre-wash tables with hole and sink mod. TP...F...
- Pre-wash tables with sink mod. TP...
- Mobile refuse bin mod. PCR40



MEUKD60



TEUKD70



TP12FS



TP12S



TP15FS



TEUKD12

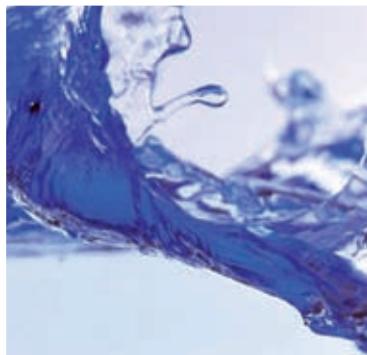
Front-loading dishwasher **LF50E**... small size and big performance

Technical-construction features

- frame, front/side panels and tank in AISI 304 stainless steel, back in plastic-coated sheet steel
- double-skin, soundproof
- pressed coved washing tank with rounded corners
- twin wash and rinse circuit with plastic impellers
- plastic filter on pump suction
- rinse boiler in AISI 304 stainless steel with flanged heater
- continuous-duty, self-ventilated electric pump with thermal protection
- pressure control switch to protect tank heaters
- 2 fixed wash cycles: 120 and 180 seconds
- control panel with removable screen-printed panel in polycarbonate
- automatic control of tank and boiler temperatures
- rinse-aid container and dispenser
- device to prevent water back-flow into main supply
- door safety micro switch
- all models conform to CE standards.

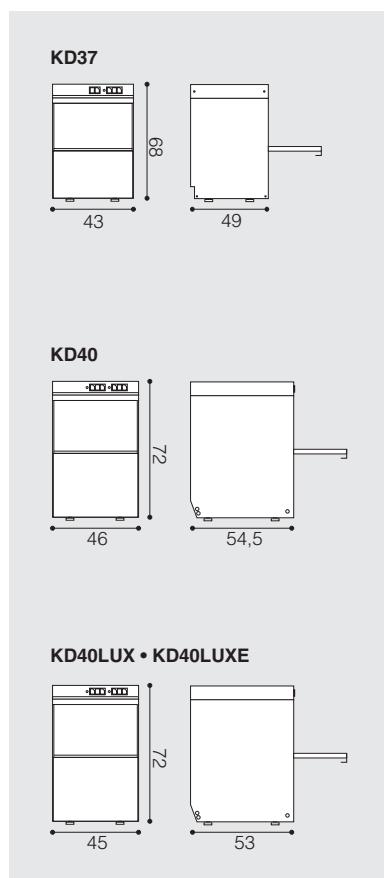
Polypropylene baskets as standard equipment:

- nr.2 CP1814 baskets for 18 shallow plates or for 14 soup plates
- nr.1 large-mesh basket supplied with power supply cord, feed hose, drain hose.



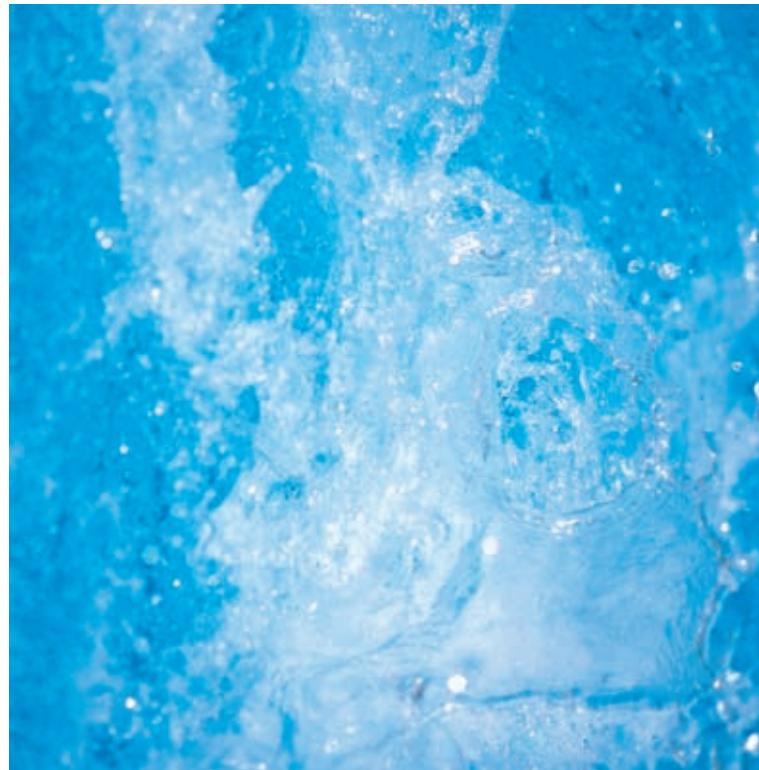
Glasswashers

Mod.	KD37	KD40	KD40LUX	KD40LUXE
Power supply	230V/1F/50Hz	230V/1F/50Hz	230V/1F/50Hz	230V/1F/50Hz
Washing pump	w	190	360	230
Boiler heated element	w	2800	2800	2800
Tank heated element	w	1850	1850	1100
	w	3000	3160	3030
Tank capacity	lt.	12	20	6,5
Boiler capacity	lt.	3	3,5	4
Water consumption per cycle	lt.	2	2,5	2,5
/h		30	30	30
	sec.	1x120"	1x120"	1x120"
	cm	37x37	40x40	40x40
	cm	29	30	28
	kg	31	40	45
	cm	43x49x68	46x54,5x72	45x53x72
	cm	51x56x74	51x56x74	54x66x83
	kg	34	43	49
Noise level	dBa	<58dBa	<58dBa	<58dBa



Front-loading dishwasher LF50E

Mod.	LF50E	LF50EM
/h		500
	cm	50x50
	cm	32
Washing cycles		2
Water supply pressure	bar	2 - 4
Tank heated element	w	2500
Boiler heated element	w	4500
Pump rating	w(HP)	750 (1.1)
	w	5250
Tank capacity	lt.	24,6
Boiler capacity	lt.	6,3
Water inlet connection (at 50°C)		3 / 4"
Power supply		400/3N/50Hz
	cm	58,5x61x82,5



To be supplied with 50°C water, softened 8-12°F

Front-loading dishwasher

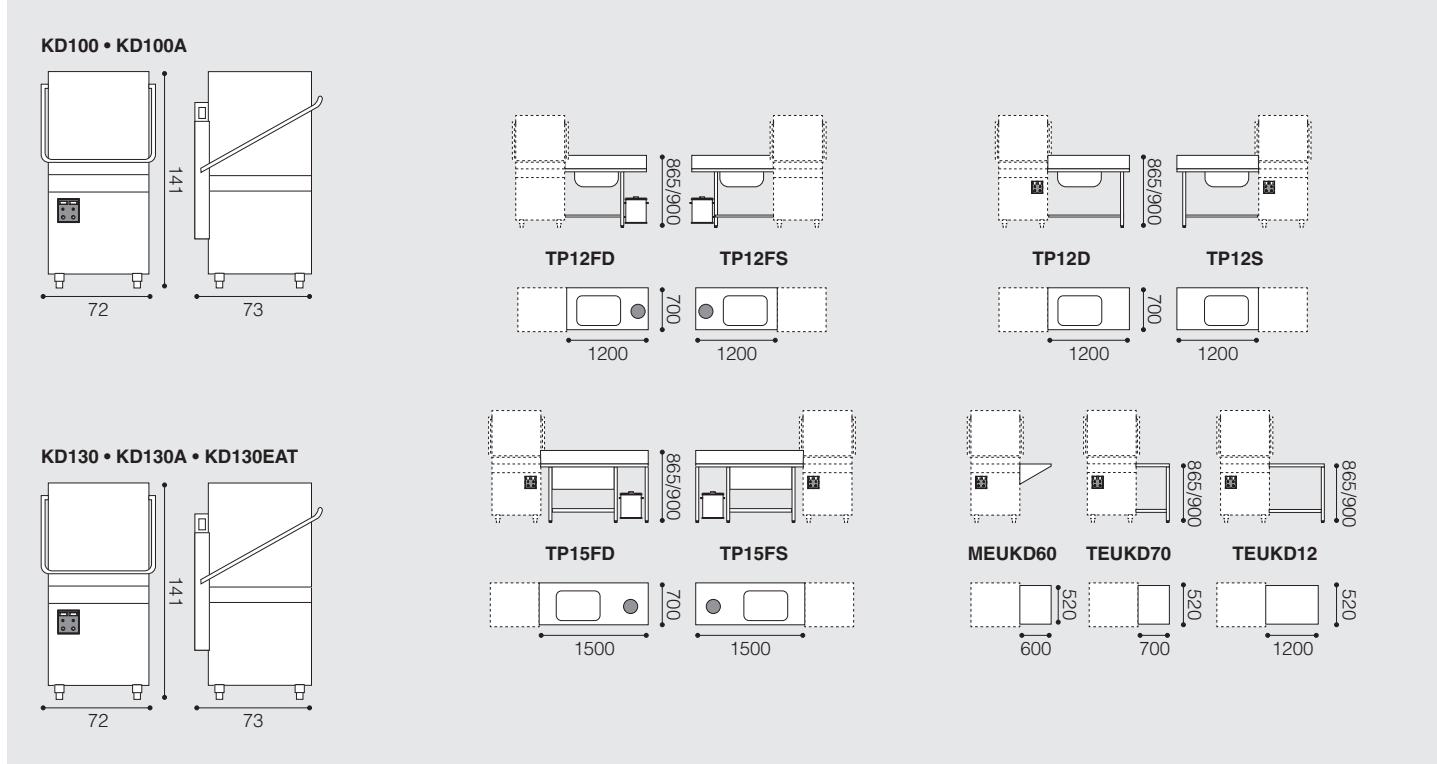
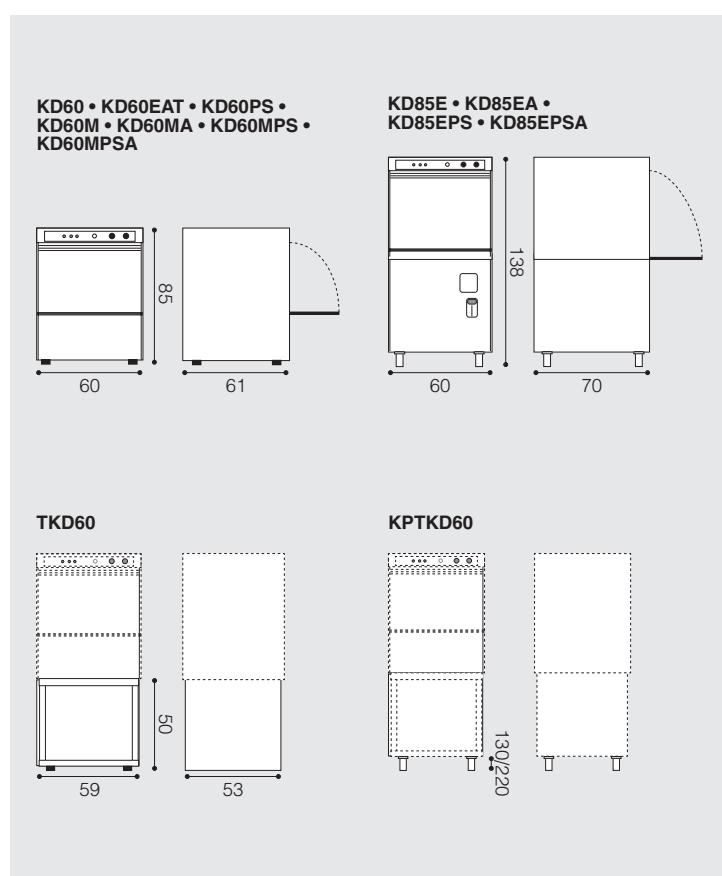
Mod.	KD60	KD60EAT	KD60PS	KD60M	KD60MA	KD60MPS	KD60MPSA
Power supply	400V/3N/50Hz	400V/3N/50Hz	400V/3N/50Hz	230V/1N /50Hz	230V/1N /50Hz	230V/1N /50Hz	230V/1N /50Hz
Water supply (8-12°F; 2÷4 bar)	°C	50	50	50	50	50	50
Washing pump	w	560	560	560	560	560	560
Boiler heated element	w	4500	6000	4500	3000	3000	3000
Tank heated element	w	2700	2700	2700	2700	2700	2700
Discharge Pump	w	----	----	30	----	30	30
	w	5060	6560	5060	3560	3560	3560
Tank capacity	lt.	17	17	17	17	17	17
Boiler capacity	lt.	6	8	6	6	6	6
Water consumption per cycle	lt.	3	3	3	3	3	3
	sec.	120 - 180	60 - 120 - 180 - 300	120 - 180	120 - 180	120 - 180	120 - 180
		540	540	540	500	500	500
	cm	50x50	50x50	50x50	50x50	50x50	50x50
	cm	35	35	35	35	35	35
	cm	32	32	32	32	32	32
		2 Baskets For 16/18 Dishes + 1 Generic Basket + 1 Cutlery Box					
Power Supply Cord, Hose/Drain Hose		included	included	included	included	included	included
	cm	60x61x85	60x61x85	60x61x85	60x61x85	60x61x85	60x61x85
Noise level	dBa	< 70 dBa	< 70 dBa	< 70 dBa	< 70 dBa	< 70 dBa	< 70 dBa

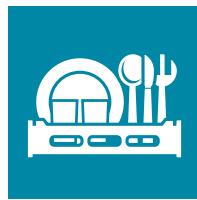
Automatic side-loading dishwashers

Mod.	KD100	KD100A	KD130	KD130A	KD130EAT		
Power supply	400/3N/50 Hz	400/3N/50 Hz	400/3N/50 Hz	400/3N/50 Hz	400/3N/50 Hz		
Water supply (8-12°F; 2÷4 bar)	°C	50	50	50	50		
Washing pump	w (HP)	1120 (1,5)	1120 (1,5)	1500 (2)	1500 (2)		
Boiler heated element	w	9000	9000	9000	9000		
Tank heated element	w	2700	2700	2700	2700		
	w	10120	10120	10500	10500		
Tank capacity	lt.	30	30	42	42		
Boiler capacity	lt.	10	10	10	15		
Water consumption per cycle	lt.	4	4	4	4		
	sec.	60 - 120	60 - 120	50 - 100 - 150	50 - 100 - 150		
		1100	1100	1300	1300		
	cm	50x50	50x50	50x50	50x50		
	cm	41	41	41	41		
		2 Baskets For 16/18 Dishes + 1 Generic Basket + 2 Cutlery Boxes					
Power Supply Cord, Hose/Drain Hose		included	included	included	included		
	cm	72x73x141	72x73x141	72x73x141	72x73x141		
Noise level	dBa	< 70 dBa	< 70 dBa	< 70 dBa	< 70 dBa		

To be supplied with 50°C water, softened 8-12°F

KD85E	KD85EA	KD85EPS	KD85EPSA
400V/3N/50Hz	400V/3N/50Hz	400V/3N/50Hz	400V/3N/50Hz
50	50	50	50
1120	1120	1120	1120
9000	9000	9000	9000
2700	2700	2700	2700
-----	-----	150	150
10120	10120	10120	10120
21	21	21	21
10	10	10	10
4	4	4	4
60-120-180-300	60-120-180-300	60-120-180-300	60-120-180-300
720	720	720	720
50x50	50x50	50x50	50x50
40	40	40	40
45	45	45	45
2 Baskets For 16/18 Dishes + 1 Generic Basket + 1 Cutlery Box			
included	included	included	included
60x70x138	60x70x138	60x70x138	60x70x138
< 70 dBA	< 70 dBA	< 70 dBA	< 70 dBA





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