

# PALUX DISHWASHING SYSTEMS

## CLARITY WITHOUT COMPROMISE



**PALUX**

KITCHENS WITH CONCEPT

# PALUX dishwashing machines

The difference lies in the detail

Our experience –  
your success:

**PALUX is the leading manufacturer of high-quality kitchen equipment for all areas of hospitality and catering.**

Don't miss out on our experience!

**PALUX – everything from one source!**

## The product range:

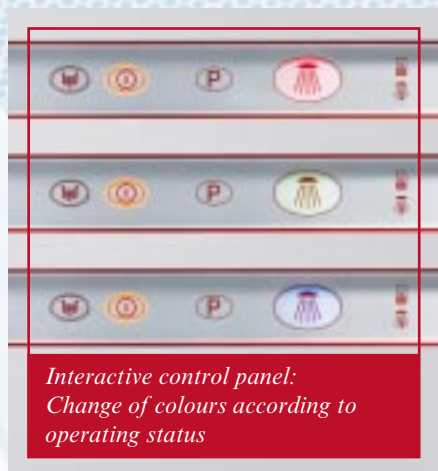
**PALUX dishwashing machines** are available as **built-in, push-through or corner models** in many heavy-duty versions and to meet every requirement.

- Type GL glass-washing machines
- Series GSC 400 dishwashing machines (under table model)
- Dishwashing machines of the series GSL 500, GSC 600 and GSC 700 (hooded models) with their respective inlet and draining tables.

## The plus points:

- **One control panel** for all PALUX dishwashing machines with easy-to-understand pictographs, make working in the scullery very easy,
- **maximum operating convenience provided by interactive control panel:**
  - Change of **colour according to operating status** (GL, GSC 400, GSC 600 and GSC 700),
  - **Display of selected washing programs, boiler and tank temperature interrogation**
  - **Additional interrogations and settings** via the membrane keyboard,
- **very robust construction:** housing and washing system complete in CNS for heavy duty,
- deep-drawn tank interior and removable washing system for **simple cleaning**,
- large inner washing compartment with **high dish module**,
- **optimum filtering of suds and economical water and energy consumption**,
- **washing time can be extended** in order to guarantee that hygienic clear-rinsing temperatures are reached,
- **practical draining program** for a clean tank compartment,
- extensive **program of accessories**, matching inlet and drain tables for **perfectly balanced dishwashing organisation**.

*Dual strainer system with rotating triple wash arm (e.g. series GSC 400 and 600)*



*Interactive control panel:  
Change of colours according to  
operating status*



*Large radii in the tank compartment  
for very easy cleaning*



*Generous dish module height also  
suitable for GN 1/1 containers*

# PALUX GL glass-washing machines

Clarity without compromise

The PALUX glass-washing machines of the GL series can easily be incorporated as required, in any bar or counter area. They are suitable for all shapes of glass and operate extremely hygienically and economically.

## Plus points of the PALUX GL glass-washing machines:

- **Rapid output** with up to 48 baskets per hour,
- **automatic operation with 2 washing programs:** 75 and 120 seconds,
- **above-average module height of 325 mm** – also ideal for taller glasses (basket size 400 x 400 mm),
- **very convenient to operate as a result of visual display** of operating status,
- **dosage quantity for cleaning and rinsing agents** adjustable at the display,
- **rinsing agent and cleaning agent metering device, washing suds pump** and pressure-increasing pump fitted as **standard**,
- **automatic washing time extension** in order to guarantee that hygienic clear rinse temperatures are reached,
- **practical emptying program** for a clean inner tank compartment,
- **double wall all-round**, therefore extremely low noise level and low heat loss,
- **seamlessly deep-drawn internal tank compartment easy to clean** – basket guides incorporated in the internal wall of the tank,
- **full coverage washing and rinsing system** for best washing results,
- **service information displayed on the control panel**,
- **multi-phasing:** can be connected to 230 V or 400 V,
- **extremely easy to operate and very reliable.**

*PALUX GL glass washing machine*



*Above average glass module height of 325 mm*



*Deep-drawn internal tank compartment with large radii and full coverage washing system*

# PALUX GSC 400 dishwashing machines

Powerful and compact

**PALUX series GSC 400 dishwashing machines** are compact, powerful machines, which have universal application – even as a special glass washing machine – and are easy to integrate. They are available as a **freestanding unit** or **one that can be built-in**, as a **washing centre with a basin** and as an upright model on an enclosed bottom cabinet for a **convenient operating height**.

## Plus points at a glance:

- **3 washing programs** of 60, 120 and 240 seconds,
- **large internal washing compartment: high module**, sufficient for GN 1/1 plates and trays (basket size 500 x 500 mm),
- **low-noise, energy-saving washing operation** as a result of double-wall housing design and insulated boiler,
- **water level indicator in the washing tank** with automatic topping up,
- **optimum filtering of washing suds** by dual strainer system with area and pump strainer for low water and washing agent consumption,
- **easy to clean** because of seamlessly deep drawn internal tank compartment with large radii,
- all models also available in 230 V version,
- extremely easy to use and very reliable.

*PALUX GSC 400 dishwashing machine*



*GSC 400 on an enclosed substructure for optimum working height*



*Large module height also suitable for GN 1/1 plates*



*Washing system completely removable for cleaning*

# PALUX GSL 500 dishwashing machines

For smaller catering



*PALUX GSL 500 dishwashing machine in push-through version*

The PALUX series GSL 500 dishwashing machines, in push-through or corner version, are particularly recommended as **starter models for smaller to medium-sized catering establishments.**

The GSL 500 is available as a basic model or with automatic detergent metering.

- **2 washing programs** of 75 and 150 seconds,
- basket size 500 x 500 mm,
- **deep-drawn internal tank compartment** with large radii and removable washing system for easy cleaning,
- **housing and washing system** complete in **chromium nickel steel**,
- **PALUX control concept** with many useful details (without visually displayed control),
- **ideal for large plates and trays:** dish module height 440 mm,
- **outstanding washing result**, extremely simple to operate and very reliable.



*Seamlessly deep-drawn internal tank compartment with removable washing system*



*Removable basket carrier with optimum water permeability*



*Easy running hood with large dish module height for big plates and trays*

# PALUX GSC 600 dishwashing machines

Equipped to deal with large quantities



*PALUX GSC 600 in push-through version, integrated into a washing system*

The PALUX series GSC 600 dishwashing systems form the basis of an economically sensible washing organisation with best washing results.

The PALUX series GSC 600 dishwashing machines with an hourly output of 1080 plates or 1200 cups is particularly recommended for medium and large catering organisations.

- 3 basic programs of 60, 120, 240 seconds and a **long program** for stubborn dirt,
- basket size 500 x 500 mm,
- **rotating washing and rinsing system**, robust, rotating wash arms made from CNS, no areas missed,

- **dual surface strainer system** with area and pump strainer for optimum filtering of the washing suds and **low water and cleaning agent consumption**,
- **water level indicator in the washing tank**, with automatic topping up if water is lost,
- **automatic hood**: because the **hood opens automatically** directly after the end of the program, the basket can be removed immediately (option).



*PALUX GSC 600 in corner version*



*GSC 600 washing and rinsing system with dual surface strainer*

# PALUX GSC 700 dishwashing machines

The powerhouse



*PALUX GSC 700 in push-through version with clear-away, inlet and drain table*

**The GSC 700 is a washing powerhouse.** Anywhere where output and a higher standard are prerequisites and where a superior class of equipment is in demand, the GSC 700, as a push-through or corner model, comes into its own. With an hourly rate of 1200 plates or 1500 cups, it is **ideal for the larger catering organisations.**

- **3 basic programs** of 60, 120 and 240 seconds and **a long program** for stubborn dirt ensure best washing results,
- the **large standard basket** of 560 x 560 mm provides plenty of space

for small and large plates and GN 1/1 trays,

- the **robust dual wash arm** ensures double washing power, short washing times and best washing results,
- the **dual area strainer system** for large particles, for dual filtering of the washing suds and low water and cleaning agent consumption,
- the **dual pumping system** ensures that the washing suds are circulated twice,

- **optimum handling** from precisely balanced, feather-light hood,
- **water level indicator in the washing tank** with automatic topping up,
- **deep-drawn internal tank compartment** with large radii and removable washing system facilitate cleaning and ensure hygiene,
- inlet and drain tables in hygiene-friendly version in 2 mm CNS.



*Feather-light hood with large dish module height*



*Dual wash arm and dual surface strainer system of the series GSC 700*



*GSC 700 in push-through version*

# The dishwasher programme

the right size for every need

## Advice, support and service from one source

PALUX dishwashing machines make a big contribution towards the efficiency of your operation. And of course, we also look after the rest – reliably, competently and comprehensively.

- PALUX special cleaning agents and clear rinsing agents for dishwashing machines have been tried and tested in practice for many years,
- PALUX water-treatment systems for glass and dishwashing machines:

professional water analyses guarantee that you use the best water treatment system. This protects the machines, saves cash and produces brilliant results and because of our extensive network of service outlets, a PALUX representative is always close to hand.

*We ensure that the chemistry is right for you!*

Service-Hotline: 01 80 / 232 36 26



PALUX dishwashing machines	GL	GSC 400	GSL 500	GSC 600	GSC 700
<b>Washing values</b>					
Order number	849979	849987 849995* 850454** 850462***	870188**	850497 850659** 920509**** 920517*****	852260 852295**
Theoret. washing output	baskets/h	48	60	48	60
Washing programs		2	3	2	4
Program duration	seconds	75 / 120	60 / 120 / 240	75 / 150	— 60 / 120 / 240 / longer program —
Pump circulation rate	litres/min	220	450	370	450
Tank/boiler contents	litres	7 / 6.5	24 / 7	21 / 10.3	24 / 7
Water consumption/washing phase	litres	2.9	2.5 – 5	2.9	2.5 - 5.0
Dimensions LxBxH	mm	460 x 541 x 770	600 x 600 x 820/850	635 x 742 x 1480	620 x 703 x 1425
Height with hood open	mm	—	—	1960	1892
Dish module height	mm	325	320	440	410
Total connected value	kW	3.6 / 9.1	3.45 / 8.3	6.6	11.55
Voltage	Volts	230 V 1N 50 Hz / 400 V 3N 50 Hz	230 V 1N 50 Hz / 400 V 3N 50 Hz	400 V 3N 50 Hz	400 V 3N 50 Hz
Pumping capacity	kW	0.45	0.9	0.40	0.9
Tank heater	kW	0.3	0.85	2.5	1.6
Boiler heater	kW	2.8 / 8.3	2.5 / 6.5	6.15	9
Water supply		R 3/4" Pressure hose	R 3/4" Pressure hose	R 3/4" Pressure hose	R 3/4" Pressure hose
Internal water drain	Ø mm	24	40	20	40
Dynamic water pressure	bar	0.5 – 6	3 – 4	3 – 6	3 – 4
Water flow temperature	°C	max. 60	max. 60	max. 60	max. 60
Accessories		1 flat basket 1 glass basket	1 glass basket 1 basic basket 3 cutlery baskets	1 glass basket 1 basic basket	1 glass basket 1 basic basket 3 cutlery baskets
Basket size	mm	400 x 400	500 x 500	500 x 500	500 x 500

Washing suds pump\*; Cleaning agent metering\*\*; Cleaning agent metering and washing suds pump\*\*\*; automatic hood\*\*\*\*; automatic hood and cleaning agent metering\*\*\*\*\*

For the best washing result we recommend the following water qualities:

Glass-washing machines: 0 – 2° KH (carbonate hardness) and conductance of max. 150 µs/cm

Dishwashing machines: 0 – 2° KH (carbonate hardness) and conductance of max. 400 µs/cm

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