

# D500DUO Undercounter Dishwasher

Technical Specifications



**CLASSEQ**  
Warewashing Made Simple.



# D500DUO

Front-loading commercial dishwasher with a digital display, three wash programs and WRAS compliance for effortless and consistently clean results.

The D500DUO is an easy to operate, under counter dishwasher with a 500 x 500mm basket that holds 18 full-sized plates. It features three wash cycles standard (2min), heavy (3min) and intense (5min) - ensuring that it is optimised for cleaning some of the toughest warewashing requirements.

The digital LCD display accurately shows the temperature of the wash tank and rinse boiler, re-assuring the operator that it is up to temperature and fully sanitising during the wash cycle.

With intuitive colour coded lighting and universally recognised symbols, this machine has been designed to make operating as simple as possible, whilst also featuring performance enhancing customisations through its advanced settings mode. Additionally, its clever software constantly monitors wash cycles, temperatures, chemical usage and any errors giving valuable data which is used to improve operational efficiencies.

The Duo range of products all come with drain pumps, rinse booster pumps, built in chemical dispensers and full double skinned construction ensuring they meet all installation regulations and requirements. All Duo models are also available with an optional water softener - an essential requirement in hard water areas. (D500DUOWS)



#### Optional Water Softener

Our D500DUO is also available with an integral water softener. Model code: D500DUOWS.



### Locally manufactured

Our machines are Made in Britain (Staffordshire) meaning shorter lead times on delivery, parts and support.



### LCD display

The D500DUO enhances user functionality by displaying rinse and wash tank temperatures.



### Water Board (WRAS) compliant

All Duo machines are fully compliant with essential Water Board regulations.



### Colour Coded Display

Amber flashing - Machine heating  
Blue - Machine in cycle  
Green - Machine ready



### 3 Wash Programs

The D500DUO Standard (2 min), heavy (3min) and intensive (5min) cycles allow for maximum output without compromising wash quality.



### Double skinned sides and door

Allows for quieter operation and reduced heat loss.



### Advanced Customer Features

Adjust rinse aid and detergent settings, priming of chemical pumps and set water softener to match local water hardness levels (WS models only).



### Operational Data monitoring

Our machine constantly measures all cycles, heating and errors providing useful data for improving efficiencies.

## Machine Features:

1 500mm x 500mm basket	2 Built-in chemical pumps	3 Drain pump	4 Rinse Booster Pump	5 Temperature interlock - guarantees hot rinse
6 Energy saving standby mode	7 Stainless steel dual wash filter system	8 Assisted self-clean	9 Easily removable components	

## Hydraulic specifications

Water supply connection

Minimum allowed supply water pressure

Required water flow rate

Minimum incoming water temperature

Maximum incoming water temperature

Gravity drain height (from machine base)

Pumped drain height (from machine base)

Drain size

## D500DUO

G3/4" (3/4" BSP)

0.5 bar D500DUO model only  
2.0 bar D500DUOWS model only

11 L/min D500DUO model only  
4 L/min D500DUOWS model only

4°C

55°C

40 mm D500DUO model only  
N/A D500DUOWS model only

600 mm

Ø40 mm

## Electrical specifications

### Standard Set-up

Amps Required

Standard Operating Voltage

Total Connected Load

### Optional Set-up

Amps Required

Standard Operating Voltage

Total Connected Load

### Optional Set-up

Amps Required

Standard Operating Voltage

Total Connected Load

30A (1 phase)

220-240V / 1N~ / 50Hz

6.58kW

13A (3 phase)

380-415V / 3N~/50Hz

6.58kW

12A (1 phase)

220-240V / 1N~ / 50Hz

2.58kW

## Performance

Wash tank element

Rinse tank element

Wash tank capacity

Rinse tank capacity

Rinse water consumption at 3 bar

Theoretical maximum racks/hours

Wash tank temperature

Rinse tank temperature

Wash pump power

Rinse pump power

2.00kW

6.00kW

14.33 litres

7.5 litres

3.00 L/cycle

20

55°C

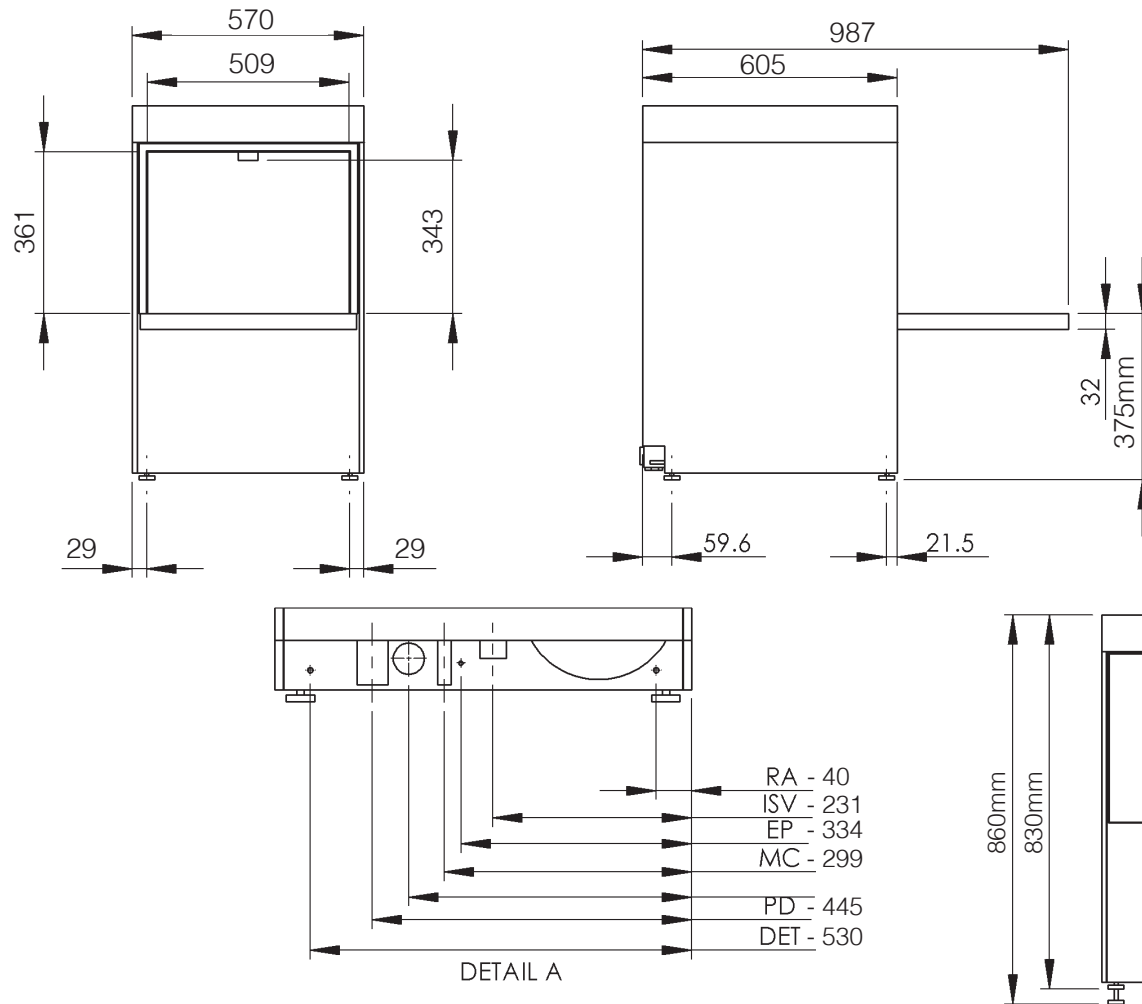
82°C

0.58 kW

0.19 kW

**Please Note:** D500DUOWS Specification as above.

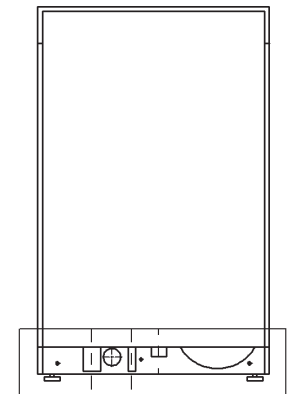
# Mechanical Specifications



Please Note: All dimensions in mm

## Additional Info:

	<b>D500DUO</b>
Wash water temperature	<b>55°C</b>
Dish Washer rinse temperature	<b>82°C</b>
Noise level	<b>Under 70dB</b>
Empty weight	<b>54.7kg</b>
Fully Loaded weight	<b>75.2kg</b>
Packed weight	<b>68.3kg DUO model</b> <b>70.4kg DUOWS model</b>



## Dimensions (mm):

570 (W) x 830 (H) (860 max) x 605 (D)

Description	Symbol	Radius from machine (m)
Rinse aid tube	RA	3
Inlet solenoid value	ISV	1.8
Mains electrical cable	EC	1.3
Pumped waster water outlet	PD	1.5
Equipotential bonding stud	EP	-
Detergent tube	DET	3

## Contact:

Tel: +44 (0)844 225 9250  
Email: sales@classeq.co.uk

Classeq Ltd, Roebuck Way,  
Knowlhill, Milton Keynes MK5 8WH

www.classeq.co.uk

**CLASSEQ**  
Warewashing Made Simple.