

## Model NS3500

### FLIGHT CONVEYOR DISHWASHER



Panoramic, counterbalanced inspection doors for safe and easy access • Constructed entirely in stainless steel grade Aisi 304 • Insulated double skin cabinet construction reduces energy costs, noise and heat emissions • Specially designed stainless steel, indented anti-clog wash and rinse arms, easily removed for cleaning, without tools • Pressed molded tanks with radial corners and double filters for easy maintenance • High efficiency, self draining pumps for greater hygiene and ultimate washing power • Insulated rinse boiler • Electrical control impulses are rated at 24V to ensure complete levels of safety • Automatic start activates the pumps when there are dishes in the washing area • Double rinse module combines a pre-rinse and a final rinse with a pump and a tank heater element, boiler final rinse water is recirculated into the pre-rinse tank • Rinse economy device, for saving water and energy

### Technical Characteristics



Conveyor dishwasher (Art.-Nr. 600105 DXE / 600106 SXE)	NS3500
Electromechanic control panel with thermoregulatory display	Dishes/h
Conveyor speed I * (variable-speed motor)	2.360
Conveyor speed II *(variable-speed motor)	3.540
Dimensions (W x D x H)	5.500 x 905 x 1.725 mm
Clear wash capacity (W x H)	630x460 mm
Zones	Pre-wash / Wash / Neutral Zone / Double Rinse
Prewash pump / Wash pump / 1° rinse pump	1,35 kW / 2 kW / 0,30 kW
Wash tank element / 1° Rinse tank / Boiler element	12 kW / 6 kW / 27 kW
Total power / Voltage	49 kW / 400 Volt 3-N-PE 50 Hz
Water supply temperature / water supply pressure / hardness water	max. 55°C / 200 - 400 kPa / min. 7 max. 12° F **
Inlet water connection / drain / max. h drain	R ¾" / 1" ¾" / floor drain
Prewash temperature / Wash temperature / Rinse temperature	40°C / 55°C / 85° C
Prewash tank capacity / Wash tank / 1° Rinse tank capacity	70 l / 100 l / 20 l
Prewash pump capacity / wash pump capacity	503 l/min / 644 l/min
Water consumption	480 l/h

### Features and Accessoires

Auto-self draining pumps	●
Double rinse with rinse booster pump	●
Pressed molded tanks with radial corners and smooth surfaces	●
Double skin cabinet	●
Automatic start	●
Rinse economy device	●
Insulated rinse boiler	●
Lateral wash arms	●
Electrical control rated at 24 Volts	●
Length of loading zone 800 mm + 400 mm splash guard	●
Length of unloading zone 1.400 mm + 400 mm splash guard	●
Length of neutral zone 400 mm without inspection door	●
Length of pre-wash zone 600 mm with double deep filter system	●
12 kW drying zone – 0,75kW motor +400 mm length	○
18 kW drying zone – 0,75kW motor +400 mm length	○
18kW drying with inspection door – 1,1kW motor +500 mm length	○
Steam condenser unit	○
Heat recovery system with heat pump +600 mm length	○
Length of neutral zone 600 mm with inspection door	○
Length of triple rinse zone 900 mm	○
Break tank (B) with pressure pump and atmospheric boiler	○
Conveyor belt for thermic trays	○

\* theoretical production with water supply at 50° C

\*\* above 12° F we suggest a water softener

● = standard ○ = on demand