



## QD Series Bin Washing Station



This equipment is mainly used in solid preparation process for vessel automatic washing and drying. It can satisfy different specification pharma bins or IBC washing and drying requirements. Considered as ideal equipment for vessel automatic washing and drying on a large scale, it is widely used in pharmaceutical, chemical and foodstuff industries.

The cleaning medium is transported to cleaning chamber through cleaning pipeline after being pressurized and heated by pump station; the outer surface of container is cleaned by nozzles around the chamber at high pressure; the inner surface of container is cleaned by retractable hydraulic rotating nozzles; and the upper/lower inlet/outlet of container are cleaned by top/bottom nozzles. To achieve full coverage and effective cleaning effect. After cleaning, the container can be dried and cooled by high-temperature dry clean air, the process of which can be carried out automatically without manual intervention.

### Features

- Parallel washing and drying process at the same time
- High automation
- Continuous working
- Automatic Identification System (AIs) available
- Suit for multi-specification bin washing.
- Safety and interlock system
- Self Chamber cleaning
- Recycle washing system

### Advantages

- Low power and consumption

- Highest cleaning performance
- Easy operation
- Repeatable and valid table process
- Saving washing time

## Parameters

Model	QD800	QD1000	QD1200	QD1500
Pump Power	3 kW	3 kW	3 kW	3 kW
Pump Flow	10 t/h	10 t/h	10 t/h	10 t/h
Pump Pressure	0.63 Mpa	0.63 Mpa	0.63 Mpa	0.63 Mpa
Compressed Air Press.	0.6 MPa	0.6 MPa	0.6 MPa	0.6 MPa
Compressed Air Consumption	2 mm <sup>3</sup> /min			
Steam Press.	0.4 MPa	0.4 MPa	0.4 MPa	0.4 MPa
Steam Consumption	800 kg/h	800 kg/h	800 kg/h	800 kg/h
Fan Power	1.5 Kw	1.5 Kw	1.5 Kw	1.5 Kw
Exhaust Fan Power	5.5 Kw	5.5 Kw	5.5 Kw	5.5 Kw
Total Power	11 Kw	12 Kw	12 Kw	12 Kw

Model	QD1800	QD2000	QD3000
Pump Power	3 kW	3 kW	3.5 kW
Pump Flow	10 t/h	10 t/h	15 t/h
Pump Pressure	0.63 Mpa	0.63 Mpa	0.63 Mpa
Compressed Air Press.	0.4 MPa	0.6 MPa	0.6 MPa
Compressed Air Consumption	2 mm <sup>3</sup> /min	2 mm <sup>3</sup> /min	2 mm <sup>3</sup> /min
Steam Press.	0.4 MPa	0.4 MPa	0.4 MPa
Steam Consumption	800 kg/h	800 kg/h	800 kg/h
Fan Power	1.5 Kw	1.5 Kw	1.5 Kw
Exhaust Fan Power	5.5 Kw	5.5 Kw	5.5 Kw
Total Power	12 Kw	12 Kw	12 Kw