

Bin Washing Station-Double Chamber

QDS Series



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QDS series bin washing station 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.



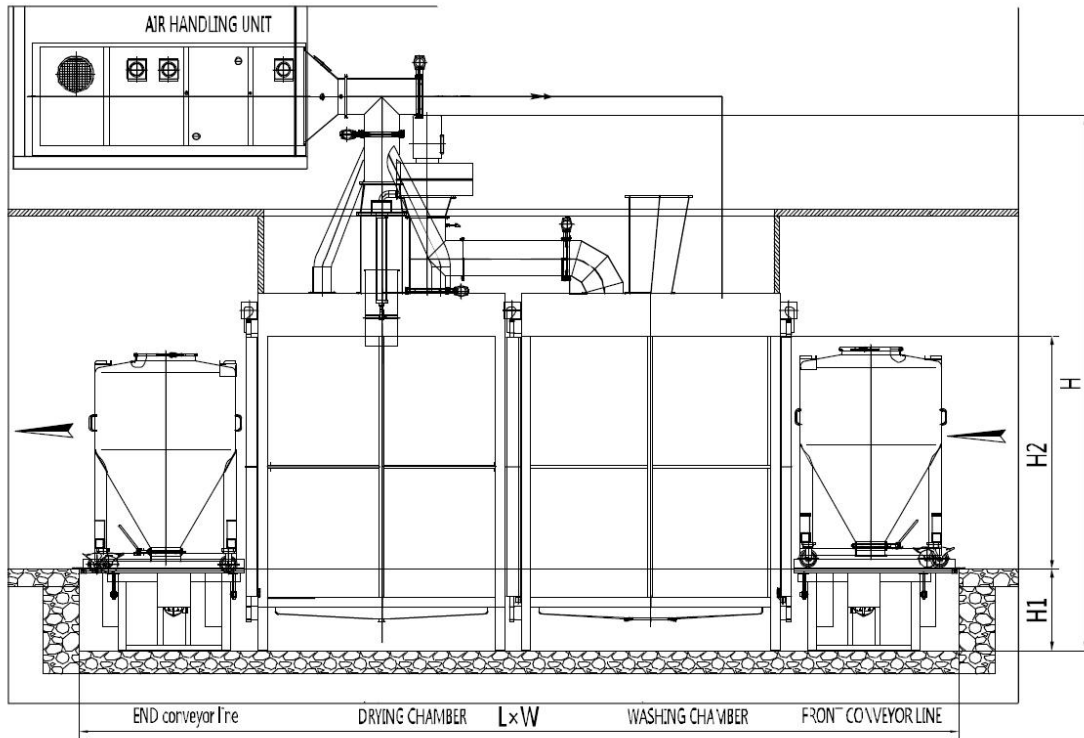
Principle:

This equipment is composed of front conveyor line, washing chamber, drying chamber, rear conveyor line, pump station, air handling unit(AHU),electric cabinet and operation box. Bin conveying, washing, drying and cooling are finished automatically according to preset recipe. Continuous operation is achieved by automatic PLC control. When operator push the bin on the front conveyor line, the bin automatically go through washing, drying, cooling processes and arrive rear conveyor line. Then remove the bin and store it in a clean intermediate room for next production usage.

Features:

- Low power and consumption.
- Highest cleaning performance.
- Easy operation.
- Repeatable and validatable process.
- Save washing time.
- 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.

Dimensions:



Technical Data	QDS600	QDS800	QDS1000	QDS1200	QDS1500	QDS1800	QDS2000
L(mm)	6900	6900	8150	8150	8150	8150	8150
H(mm)	4150	4150	4300	4400	4550	4700	4900
H1(mm)	700	700	700	700	700	700	700
H2(mm)	1500	1500	1650	1750	1900	2050	2250
Pump Power(kW)	3	3	3	3	3	3	3
Pump Flow(t/h)	10	10	10	10	10	10	10
Pump Pressure Bar(MPa)	0.63	0.63	0.63	0.63	0.63	0.63	0.63
Compress Air Pressure(MPa)	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Comp-Air Consumption(m ³ /min)	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Steam Pressure(MPa)	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Steam Flow(kg/h)	800	800	800	800	800	800	800
Fan Power(kW)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Exhaust Fan Power(kW)	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Total Power(kW)	15	15	15	15	15	15	15
Machine Weight(t)	6.8	6.8	6.8	7.2	7.2	7.2	7.2

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