

KATAOKA

# SPC-030-C

## Tornado Suction System Capsule Type Washing Machine

By efficiently turning the workpiece, the cycle time can be significantly reduced and the water can be drained using suction and a tornado effect.

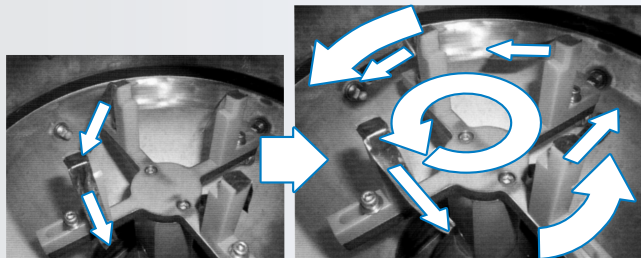


- Compact, space saving design
- Quiet, noise generation less than 75 dB (while operating)
- Automatic washing function inside capsule
- Oil catcher and bag filter equipped as standard
- Light curtain enables safe system
- Touch panel control

Patented Japanese patent  
No.5497607

### What is the Tornado Suction System?

When air blowing is carried out in the washing chamber, the air is suctioned from the bottom of the washing chamber. Thus, the air swirls around like a tornado, draining the water effectively.



Inside the washing chamber at a standstill

Inside the washing chamber during tornado-like conditions  
The air flows as indicated by the arrows

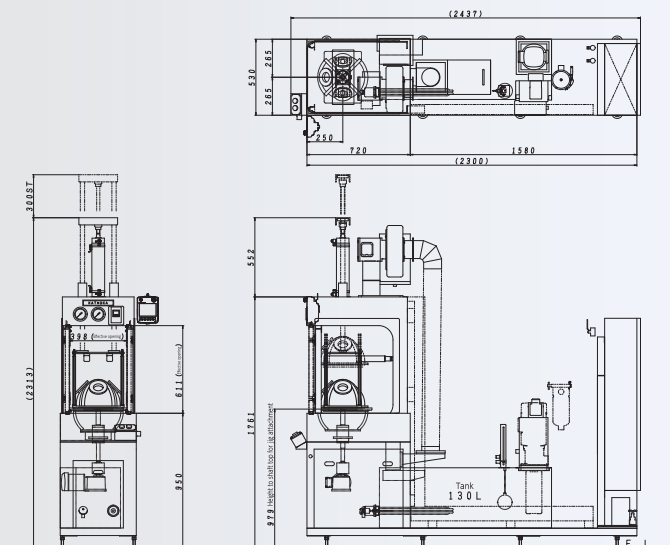


Capsule



Rotating jig inside the capsule

### ■ Dimensional drawing (SPC-030-C)



### ■ Machine specifications

	φ 300	φ 400
Body material	Stainless steel (For liquid contact)	
Washing method	Workpiece rotation type + Fixed nozzles	
Air blowing method	Tornado suction system	
Washing pressure	0.4MPa	
Workpiece size for washing	Max. φ 150 × H 80	Max. φ 200 × H 100
Tank capacity	130L	
Approx. size of body	W530 × L2,300 × H2,313mm	W630 × L2,400 × H2,512mm
Power supply	3-phase, AC 200 V, 50/60 Hz	
Washing pump	AC 200 V, 50/60 Hz, 1.1 kW	
Liquid heating	Plug-type electrical heater 10 kW	
Rotating motor	With brake 0.1 kW	
Nozzles	10 for washing, 10 for air blowing (Positioned inside capsule)	
Filter	Bag filter (50 μ), SUS wire netting type 250 μ	
Oil catcher	OS-30 stainless steel belt type	
Exhaust fan	0.2 kW	
Light curtain	Workpiece loading position	

\*The appearance and specifications are subject to change without previous notice in order to improve performance.