

KATAOKA

KMW-Series

3D Multi Nozzle Washing Machine

We developed high precision washing using 3D multi nozzles.

- High level washing and air blowing can be carried out on workpieces with complex configurations without changing the tool setup.
- Complete washing including 3D tap holes
- Special jigs and special nozzles not required
- 50% energy savings in air blowing
- Full automation is available when equipped with loader

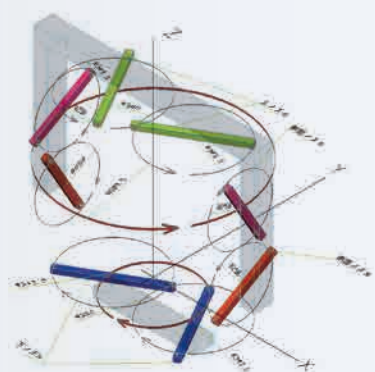
KMW-3502

What is the 3D Multi Nozzle System developed by Fine Machine Kataoka?

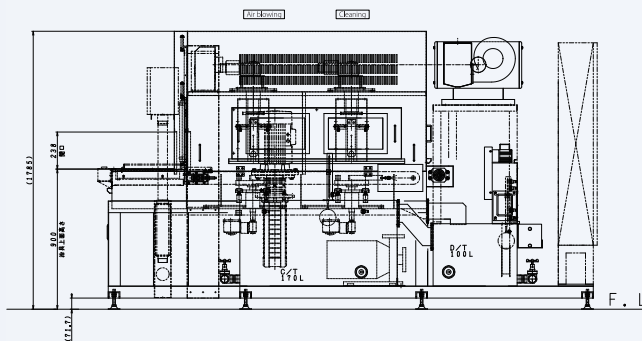
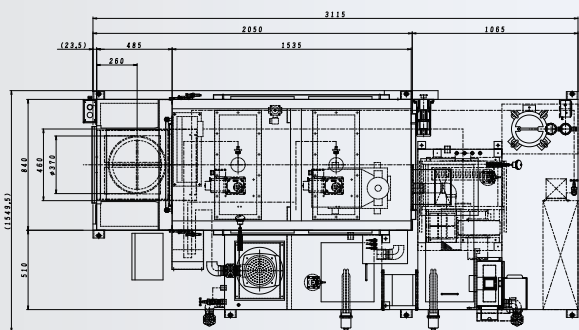
PAT.3435137

The 3D Multi Nozzle System is equipped with two rotating arms on each side (top, bottom, right and left) onto the main frame, and each arm has a nozzle positioned on its end. The main frame and the arms rotate and move in a unique trajectory path to carry out washing efficiently with covering all directions.

Equipped with patented 3D multi nozzle
Patent No.3435137



■ Dimensional drawing (KMW-3502)



■ Machine specifications

Body material	Stainless steel (For liquid contact)	Washing pump	AC200 V, 50/60Hz, 5.5 kW
Washing method	3D (3-dimensional) rotating nozzle	Liquid heating	Plug-type electrical heater 5 kW×2
Air blowing method	3D (3-dimensional) rotating nozzle	Drive motor	With brake 90 W
Washing pressure	1.0 MPa (Modification of pressure optional)	Rotary motor	With brake 50 W×4
Workpiece size for washing	Max. $\phi 350 \times H 200$ Table size $\phi 370$	Nozzles	12 for washing, 12 for air blowing (Positioned on top, bottom and sides)
Tank capacity	270 L (Dirty and clean type)	Exhaust system	Steam Mist Collector SC-200, 0.2 kW
Approx. size of body	W 1,550 × L 3,115 × H 1,785 mm	Filter	SUS wire netting type 250 μ + Bag filter 50 μ
Power supply	3-phase, AC 200 V, 50/60 Hz	Oil catcher	Stainless Belt type OS-50, 25 kW

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