



Bead Mill

One stop service

DMH SERIES

Dyno Mill

Application: Mainly used in offset printing ink, screen printing ink, Condensed ink, Ultra-violet printing ink, gravure printing ink, rubber gravure printing ink, water-borne printing ink, paints, etc.

Equipment details

- ① Material inlet
- ② Material outlet
- ③ Grinding chamber
- ④ PLC screen



Technical parameter

Model		DMH-18	DMH-80	DMH-120	DMH-180	DMH-240	DMH-280
Motor power (KW)		3~11	22~37	37~45	45~55	55~75	75~90
Grinding media (mm)		0.6~2.0	0.8~2.0	0.8~2.5	0.8~2.5	0.8~2.5	1.6~2.5
Productive capacity (kg/h)		3~50	50~200	100~300	150~500	200~700	250~800
Volume of grinding (L)		1.2	9	13	15	20	20
Compressed air (bar)		2~6	2~6	2~6	2~6	2~6	2~6
Overall dimension LxWxH (mm)	L	1000	1550	1800	2000	2000	2020
	W	900	1100	1260	1650	1680	1680
	H	1300	1600	2200	2500	2500	2550
Outlet height (mm)		900	1100	1400	1500	1500	1540
Weight (kg)		600	1200	2200	3000	3300	3800

Configuration table (● Standard / ○ Optional)

Explosion-proof		○
Cylinder	304 stainless steel passivation	○
	A3 carbon steel with paint	●
Material of cylinder liner	Stainless steel	○
	Die steel	●
Pump	Gear pump	●
	Diaphragm pump	○
	Hose pump	○
PLC	Siemens	○
	Domestic	○
Analogous drawing and touch screen		○
Inverter contro	ABB	○
	Domestics	○
Auxiliary cooling system		○
Feed filter		○
Discharge filter		○

DMV SERIES Pearl Mill

This machine is designed specially for predispersion and fine dispersion of high viscosity material (offset oil ink). It can be used singly and also together with three rollers grinder through connection as well as full automatic production line. It is an ideal equipment for producing offset oil ink and high viscosity material.

Features

- PLC is used for control, analogous drawing and touch screen are available (optional).
- The pressure in the milling chamber is auto-controlled, to choose the optimum milling result.
- The mechanical sealing and bearing connected by open mode to solve the problem of clash between main shaft and coupler in the high-viscosity state, so the operation of equipment can be much reliable and safety.
- The double-spiral internal cooling channel can disperse the heat during the operation in high-viscosity.
- The brand "BURGMANN" of German is adopted for mechanical sealing "NSK" of Japan for bearing, the dynamic separator made of powder metallurgy.
- The material can reach at the ideal fineness only by once milling, matched with three roll mill, the production can be finished in one time, to increase the efficiency extremely.

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