



Bead Mill

One stop service

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.

Equipment details

- ① Operation box
- ② Grinding chamber



Technical parameter

Model	DMV-SZ8	DMV-SZ14	DMV-SZ25	DMV-SH14	DMV-SH30	DMV-SH50
Power (KW)	30	37	55	30	45	55
Media (mm)	2.0	2.0	2.0	2.0	2.0	2.0
Capacity (kg/h)	50~100	70~150	100~180	80~150	100~180	150~350
Volume (L)	8	14	25	14	30	50
Air (bar)	2~6	2~6	2~6	2~6	2~6	2~6
Length	1600	1700	1800	1400	1600	1700
Width	1100	1100	1200	700	900	1000
Height	1760	1840	1700	1830	2300	2500
Weight (kg)	1500	2000	2800	2700	3000	3500

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