



Bead Mill

One stop service

SMD SERIES

Horizontal bead mill

Application: Mainly used in automobile paint, steelroll paint, corrosion-proof paint, wood paint, screen printing ink, gravure ink, textile pigment, TiO₂ powder, pharmacy, pesticide etc.



Equipment details

- 1 Material outlet
- 2 Receiving tray
- 3 Grinding chamber
- 4 Material inlet
- 5 Motor
- 6 Operation box



Character

- Eliminate invalid radial force of the cavity
- All material of grinding chamber is replaceable
- All easy-damaged parts can be replaced individually
- Special disc and shaft with thrust
- Special centrifugal type screen



Technical parameter

Model	SMD-0.5	SMD-30	SMD-50	SMD-100	SMD-300	SMD-1200	SMD-3000	
Power (KW)	4	22~30	30~37	45~55	90~132	350	560	
Volume (L)	0.5	30	50	100	300	1200	3500	
Beads (mm)	0.3~2.0	0.3~2.0	0.3~2.0	0.4~2.0	0.6~2.0	0.6~2.0	0.6~2.0	
Linear (m/s)	0~13	0~12.5	0~12.5	0~12.5	0~12	0~12	0~12	
Output (L/h)	30~60	100~500	500~800	800~1500	1500~4000	5000~15000	8000~22000	
LxWxH(mm)	L	800	1800	2000	2300	3000	5500	6500
	W	600	800	850	1000	1200	1800	2200
	H	720	1600	1650	1700	2300	3200	3500
Weight (kg)	100	1500	2000	2800	7000	12000	16000	

Optional configuration table

Configuration table (● Standard / ○ Optional)		
Explosion-proof		○
Structure	Turbine	○
	All disc	●
Cylinder	304 stainless steel passivation	○
	A3 carbon steel with paint	●
Material of cylinder liner	Polyurethane	○
	Ceramic	○
	Die steel	●
	Stainless steel	○
Pump	Gear pump	○
	Diaphragm pump	●
	Hose pump	○
PLC	Siemens	○
	Domestic	○
Inverter control	ABB	○
	Domestics	●
Auxiliary cooling system		○
Feed filter		○
Discharge filter		○

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FRANLI MACHINERY CO.,LTD

Tel: +86 15306118977

E-mail: Judy@franli.com

Add: R224,Jiangyin, Wuxi city,Jiangsu Province, China

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www.franli.com