

Horizontal Bead Mill

Horizontal Bead Mill is suitable for grinding, milling, and dispersion of liquid-phase particulate materials such as surface coating, dyes, pigments, printing ink, pesticides, and paper industries. The machinery is designed for continuous production with effective grading and dispersing, suitable for low-middle-viscosity materials. The grinding mechanism is totally enclosed and solvent loss is cut down to a minimum specifically designed to incorporate rotating disc-type agitation.

Major Feature

- Improved Cooling System
- Higher Productivity
- Higher Flow Rate
- Faster Grinding Process
- Comes with Pressure and Temperature Measurement
- Minimum Maintenance Cost
- Larger Screen Diameter to reduce the pressure in Chamber
- For Low and Medium Viscosity Material
- Machine Can Be Used in Paint, Ink & Pigment Grinding

Applications



[Printing inks](#)

Product Videos

https://www.youtube.com/watch?v=nRJD6kldukQ&ab_channel=Armonian

Product Gallery



Technical Information

TIPCO C-Series:	C-02	C-60	C-100
Material Output Capacity:	4-6 Liter Per Min	6-20 Liter Per Min	15-35 Liter Per Min
Chamber Volume:	30 Liter	55 Liter	90 Liter
Diameter of Beads:	0.8 -2 mm	0.8 -2 mm	0.8 - 2.2 mm
Disk Material Type:	SS, TC, HCHC(High Carbon High Chromium)	SS, TC, HCHC(High Carbon High Chromium)	SS, TC, HCHC(High Carbon High Chromium)
Actual Volume of Process Chamber:	30 L	50 L	85 L
Tip Speed:	8-10 m/s	7-12 m/s	6-11 m/s
Stator Type:	SS, HCHC (High Carbon High Chromium)	SS, TC, HCHC (High Carbon High Chromium)	SS, HCHC (High Carbon High Chromium)
Rotors Type:	SS, HCHC (High Carbon High Chromium)	SS, TC, HCHC (High Carbon High Chromium)	SS, TC, HCHC (High Carbon High Chromium)
Pins:	Carbide	Carbide	Carbine

Main Motor Details:	30HP	50HP	60HP
Weight:	1200 kg	1500 kg	2200 kg
Application:	Solvent Based Printing Ink, Solvent Based Wood Lacquer, Water Based Paper Coating, Water Based Ink, Solvent Based Paint	Same	Same

Option and Tools

C-20

In order to fit every need, our horizontal bead Mill is available in 3 different sizes. With C-20 Machine, Inside the Chamber 20l raw material can be processed in a continuous way and it will provide 2l-4l output of the fine material every minute after the grinding process.

C-60

Horizontal bead mill (Ceno)grinds the material up to 50 liters per minute with high productivity and effective grinding result.

C-100

With C-100 Machine, Inside the Chamber 100l raw material, can be processed continuously and will provide the 10l-12l output of the fine material every minute after the grinding process.