

Single-shaft High Speed Disperser

Single-shaft High Speed Dispersers are commonly used in chemical for mixing and distribution with variable frequency speed adjustment; Currently available for customers to choose from the ordinary or the explosion-proof models.

Items of this equipment with blade distributor, oar distributor or anchor distributor are designed on request with variable specifications of power. With hydraulic lift system, these machines' lift distance and centre distance between the base and the scattered axles.

If required, User-friendly hydraulic lift system of 180° rotation is available, it easily operated.



Ordering Information → Main Technical Parameters ↓	BGD 8011	BGD 8013	BGD 8015	BGD 8017	BGD 8018
Motor Power	7.5 KW	11 KW	15 KW	18.5 KW	22 KW
Total Power	9 KW	13 KW	17 KW	21 KW	25 KW
Working Travel (mm)	900	900	1000	1000	1200
Adjustable Speed	0 ~ 1450 r.p.m				
Suitable Container Capacity (L)	300 ~ 500	300 ~ 600	400 ~ 700	500 ~ 800	500 ~ 1000
Including Dispersing Blades (mm)	Φ250、Φ280	Φ250、Φ280	Φ280、Φ300	Φ280、Φ300	Φ300、Φ320
Overall Size (cm)	170 × 80 × 180	175 × 80 × 180	180 × 90 × 180	195 × 90 × 205	195 × 90 × 205

Dispersion Blades

Dispersion blades are mainly applied to pulverize, grind, and stir liquid, emulsion or solid-liquid material as below industrial fields: coating, paint, ink, pigment, dye, adhesive, daily chemicals, food and medicine. Dispersion blade are daily consumptive parts for dispersing machine, grinder, pulverizing mill, stirring machine, emulsifying machine, etc.

Classify Method	Dispersion Blades		
Dispersing Machine	Flat saw type	Paddle type	Disc type
Dispersing Performance	high viscosity dispersion blade	medium/low viscosity dispersion blade	Interior teeth dispersion blade for medium/low viscosity
No. of Dispersion Blade Layers	single layer dispersion blade	bilayer dispersion blade	multi-layer dispersion blade column
No. of teeth	Multit teeth	Three teeth	
Teeth Structures	single side teeth dispersion blade	Double sides dispersion blade.	
Teeth Position	interior teeth dispersion blade	Peripheral teeth dispersion blade.	

