XGJ-850

Vertical Ring Die Pellet Mill

Feedstocks

Wood shavings, sawdust and rice husks



Front housing



Drive layout

3–3.5 t/h	250 kW	8–10 mm	13.5 t
Throughput	Main motor power	Pellet diameter	Machine weight

Technical data

	Item	Specification		
Feed & frame	Feed system	Variable-frequency drive with adjustable feed rate		
	Feed moisture	15–20%		
	Dimensions	3,000 × 2,070 × 2,100 mm (L × W × H)		
	Bearing housing	Heavy-duty		
Die & rollers	Pellet diameters	8 / 8.5 / 9 / 10 mm		
	Ring die ID / OD	850 / 1,074 mm		
	Alloy steel die	**20CrMnTi**	Surface heat treatment	**60–63 HRC**
	Stainless steel die	**4Cr13**	Entire die heat-treated	**55 HRC**
	Roller material	Bearing steel		
	Discharge housing	201 stainless steel		
Drive & controls	Main motor	Dachuan YE3-355M2-4 V1		
	Motor ratings	IP55, Class F insulation, IE3 efficiency (China Grade 3)		
	Gear reducer	KLJ 1340-18 (Yijie)		
	Drive train	Motor → reducer → main shaft		
	Control cabinet	Soft starter with bypass		
	Protection	Overload protection and emergency stop		
Maintenance	Bearing lubrication	Automatic grease pump for roller and main-shaft bearings		
	Gearbox lubrication	Enclosed gear drive with oil lubrication		
	Cooling	Air cooling		
	Roller inspection	Stop every 20 h of continuous running to check roller clearance.		

Warranty **1 year**

Gear reducer, bearing housing, motor and control cabinet

Lead time **10–15 days**

Illustrations are for reference. Actual equipment may vary.

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