

FEATURES

FQFD Purifier



- ▶ Elaborate design for high yield demands;
- ▶ Efficient sieve cover cleaning technique for guaranteed product quality;
- ▶ Feeding door design assures continuous and stable operation;
- ▶ Reliable sieve cover cleaning assures efficient sifting process and constant product quality;
- ▶ Cleaning brushes prevent stock buildup and provide excellent sanitary condition;
- ▶ Optimized aspiration system assures no stock leftover and satisfy requirements for food sanitation;
- ▶ Maintenance-free and non-lubricating drive unit lower the maintenance cost significantly.

FQFD PURIFIER

Applicable to sifting and grading of semolina or middlings in the production of pure and high-grade semolina and middlings in durum wheat, wheat or maize mills

TECHNICAL PARAMETER

FQFD Purifier

Model	Air volume (m ³ /min)	Capacity (kg/h)		Power (kW)	Amplitude (mm)	Weight (kg)
		Coarse Semolina	Fine Semolina			
FQFD49 × 2 × 3	40-70	1400-2800	600-1400	2 × 0.2	8.5-9	1000
	50-85					



**PLQF
 PURIFIER**

- ▶ The appearance of the whole machine is designed with smooth and soft curves and curved surface, perfectly presented by composite FRP material and aluminum alloy profile;
- ▶ Aerodynamic optimization of the air compartment, effectively reducing and balancing the wind resistance, making the suction air flow more smooth and stable.
- ▶ Reasonably and scientifically increase the width and the amplitude of the sieve, and at the same time, compatible with the suction system, effectively increasing the output of the equipment by 10%-20% with better purifying effect;
- ▶ Improved transmission structure of the sieve box, optimized adjustment of design parameters, to make the start and stop of the machine more stable without collision;
- ▶ The outlet channel is integrated into the sieve box as a whole, sealed perfectly and maintenance-free.
- ▶ The outside of the outlet channel is added with 304 stainless steel cover plate, which effectively prevents the contamination of external materials to the outlet channel and vice versa;
- ▶ The distributing plate of throughs is made of multi-tooth limit structure and POM engineering plastic. It can adjust the damping smoothly with advantages of accurate positioning, convenient and quick disassemble and cleaning; and POM material can maintain the original quality of the screen underflow;
- ▶ Integrate 5-8, 9-12 throttle adjustment devices into two groups to reduce the adjustment variables and make the air volume adjustment more accurate and effective;
- ▶ The intelligent design of air compartment rear end shield adds the operation window

TECHNICAL PARAMETER

PLQF Purifier

Model	Power (kW)	Capacity per chamber (kg/h)	Air volume (m ³ /min)	Dimension (L × W × H) (mm)	Weight (kg)
PLQF56 × 2 × 3	2 × 0.2*	0.5-1.8	50-80	2800 × 1400 × 1600	1070
PLQF49 × 2 × 3	2 × 0.2	0.4-1.4	40-70	2800 × 1300 × 1500	---