

LQ-LS Series Screw Conveyor



This conveyor is suitable for multiple powder. Working together with packaging machine, the conveyor of the product feeding is controlled to retain the product level in the product cabinet of packaging machine. And the machine can be used independently. All parts are made of stainless steel except the motor, bearing and support frame.

When the screw is rotating, under the multiple force of pushing of blade, gravity force of material, friction force between material and tube inwall, inner friction force of the material. The material move forward inside the tube with the form of relative slide between the screw blades and tube.

Feature

1. The cabinet vibrates by the steady rotation of the eccentric block which fixed on the principle axis of motor. This could avoid materials bridging of low flow ability.
2. The amplitude could be adjustable and excitation efficient is high.
3. The machine adopts hoop fasten the end of screw which is convenient to disassemble and clean the whole screw.
4. The sensor and intelligent control circuit could be optional installed to control the material level, automatic feeding or overload warning.
5. Using double motors: feeding motor & vibrating motor, separately controlled. Product funnel is design to be vibrate adjustably, which lead to avoid product blocking and improve the adaptation of different products.
6. Product funnel can separate from the tube for easy assembly.
7. Special anti-dust design to protect bearing from dust.

Technical Parameter:

Model	LQ-LS-R1	LQ- LS-R3	LQ- LS-S3
Feeding Capacity	1m ³ /h	3-5m ³ /h	3m ³ /h
Cabinet Volume	110L	230L	230L
Power Supply	380V/220V/0HZ/3Phases		380V/50HZ/3Phases
Motor Power	0.82 kw	1.168 kw	1.2 kw
The Distance between the Outlet and Gruound	1.6 m	1.8 m	
Net Weight	80 kg	140 kg	180 kg