

螺旋输送机

Screw Conveyor



产品简介:

Production introduction:

螺旋输送机广泛应用于各行业，如建材、化工、电力、冶金、煤炭、粮食等，适用于输送粉状、粒状和小块状物料，如煤、灰、渣、水泥、粮食等，不适于输送易变质、粘性大、易结块或高温、有较大腐蚀性的物料。

Screw conveyor is widely used in various industries, such as building materials, chemical industry, electric power, metallurgy, coal, grain, etc., is suitable for conveying powder, granulated and small lump materials, such as coal, ash, slag, cement, food, etc., not suitable for transporting perishable, big viscosity, easily agglomerate or high temperature, and a larger corrosive materials.

螺旋输送机一般由输送机本体、进出料口及驱动装置三大部分组成。

从输送物料位移方向的角度划分，螺旋输送机分为水平式螺旋输送机，倾斜式螺旋输送机和垂直式螺旋输送机三大类。

从螺旋叶片的角度划分，有实体螺旋面、带式螺旋面和叶片螺旋面三种形式，其中叶

片螺旋面应用相对较少，主要用于输送粘度较大和可压缩性物料，并且在输送过程中，同时具有完成对物料的搅拌、混合等功能。

Usually the screw conveyor is composed of conveyor body, input and output mouth and driving device three parts.

According to the angle of conveying material direction to classify, screw conveyor was divided into horizontal screw conveyor, tilting screw conveyor and vertical screw conveyor three forms.

According to the the Angle of the helical blade, it will be divided into entity helical surface, belt type helical surface and blades of helical surface three forms, including blade of helical surface application is relatively small, mainly used for transporting materials in large viscosity and compressibility, and in the process of delivery, have completed at the same time of material mixing, mixing, etc

产品特点：

Production features:

整机截面尺寸小、密封性能好、运行平稳可靠、可中间多点装料卸料、操作简单、维修方便等。

Small cross section size, good sealing performance, stable operation and reliable, can be loading and unloading from multiple points of screw middle body, simple operation, easy to maintain, etc.

使用提示：

Using tips:

螺旋输送机使用的环境温度通常为 $-20^{\circ}\text{C}\sim 50^{\circ}\text{C}$ ；其中水平型螺旋输送机，其输送的物料温度应低于 200°C ；输送距离一般小于40米，最大不超过70米；垂直型螺旋输送，其输送物料的温度一般不应大于 80°C ，垂直高度不超过8米。

Screw

conveyor is suitable for the working environment temperature which is between 20°C to 50°C ;Including the horizontal screw conveyor, the material of transportation temperature should be lower than 200°C ;Conveying distance less than 40 meters, maximum not exceeding 70 meters;Vertical screw conveyor, its conveying material should not be more

than the temperature of 80 °C, the vertical height is not more than 8 meters.

选型提示:

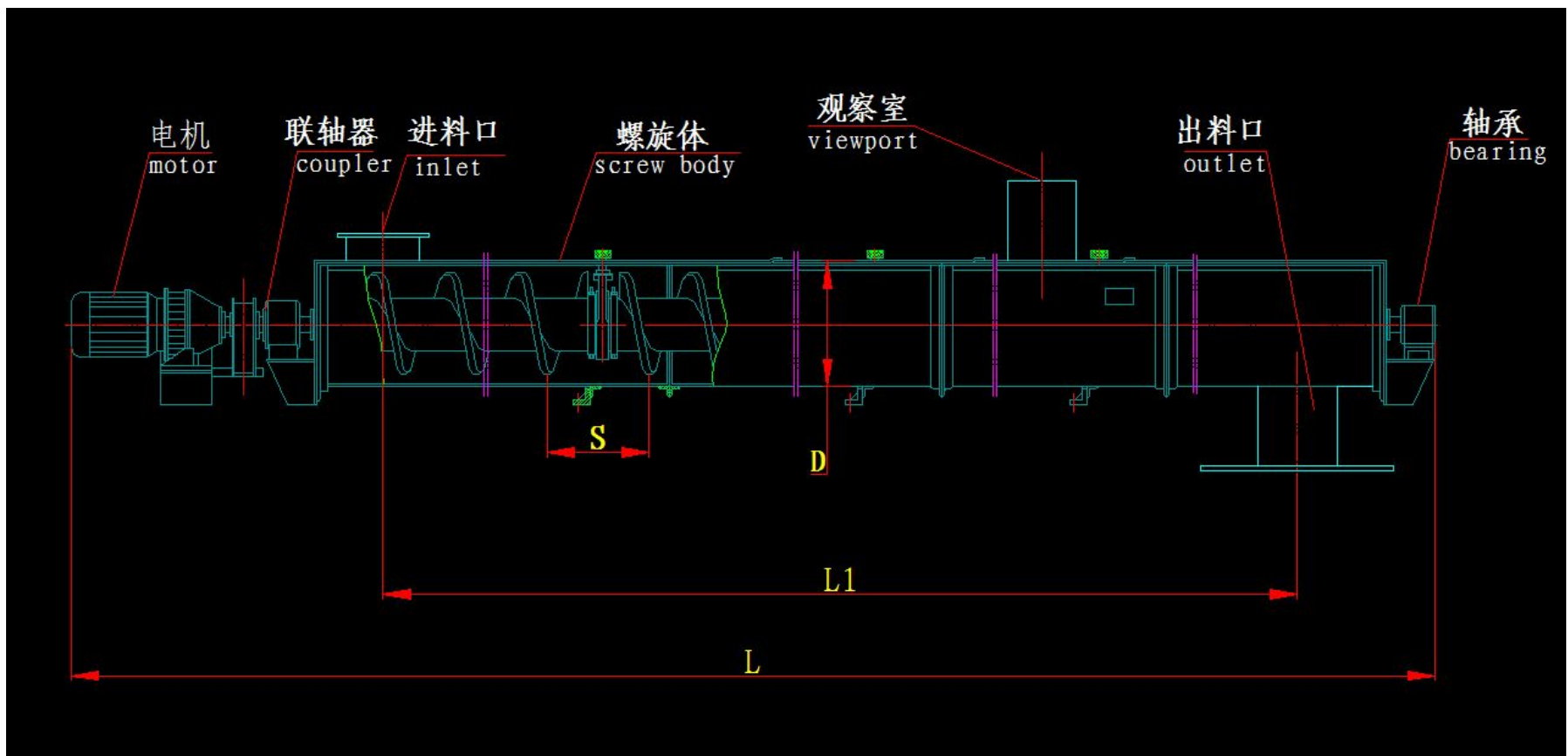
Selection model tips:

LS 型螺旋输送机可以根据客户不同生产情况和生产目的来定制。生产材料可以为全碳钢，部分不锈钢，以及全不锈钢为主。对食品卫生有要求的企业推荐主材不锈钢，无要求可以采用碳钢。

LS type screw conveyor can according to different customers production situation and production purpose to customize. production material could be all carbon steel, part stainless steel, or all stainless steel. With food hygiene requirements of enterprise recommend stainless steel material, no request can use carbon steel.

结构图:

Structure chart:



D: 螺旋直径

S: 螺距

L1: 进出料口距离

L: 设备总长

Model	LSY 100	LSY 120	LSY 140	LSY 160	LSY 200	LSY 250	LSY 300	LSY 400
Metric diameter of screw (mm)	90	115	135	163	185	237	285	362

Rotary speed of main axis (r/min)			300	300	300	308	260	200	170	170
Diameter of main case(mm)			108	133	159	194	219	273	325	402
Max capacity (t/h)			7	10	15	25	40	60	90	120
Max Length of conveying length L8 (m)			8	10	12	15	18	25	25	25
Working angle (degree)			0~90	0~90	0~90	0~90	0~90	0~90	0~90	0~90
Motor	model	L≤7M	Y90S-4	Y100L1-4	Y100L2-4	Y132S-4	Y132M-4	Y160L-6	Y180M-4	Y180M-4
	Power (kw)		1.1	2.2	3	5.5	7.5	11	18.5	18.5
	model	L≥7M	Y100L1-4	Y100L2-4	Y112M-4	Y132M-4	Y160M-4	Y180L-6	Y180L-4	Y180L-4
	Power (kw)		2.2	3	4	7.5	11	15	22	22

LS 型螺旋输送机规格及技术参数表

Specification and technical parameter of LS screw conveyor