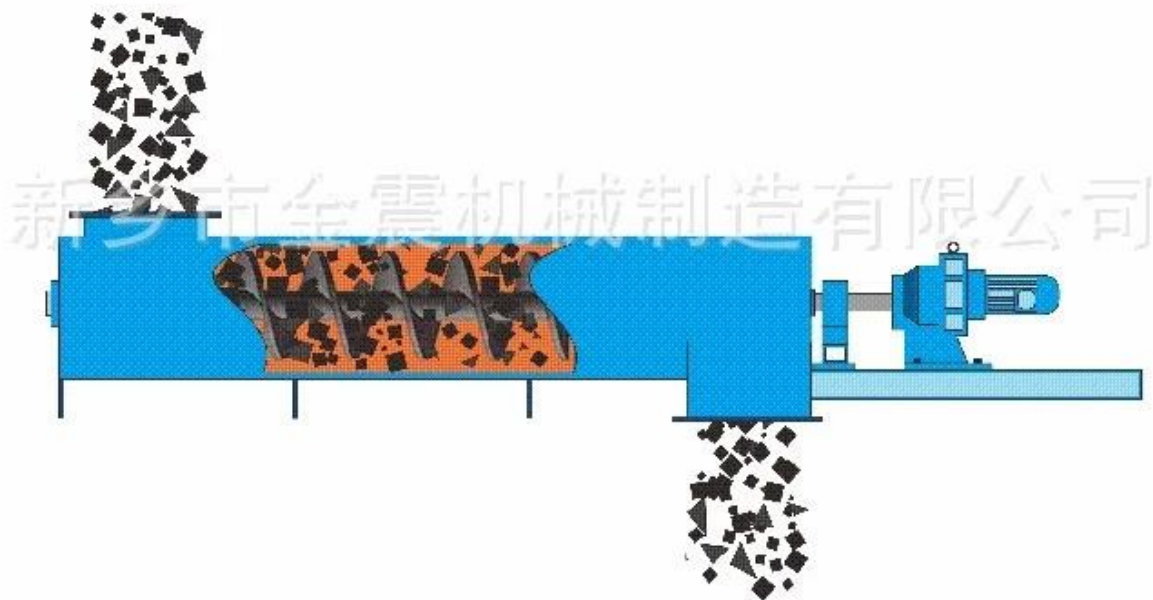


Industrial Screw Conveyor

What is the Industrial Screw Conveyor?

A screw conveyor is a mechanical device that uses rotating helical blades (called "rotors") to move liquid or granular materials, usually within a pipe. They are widely used in a variety of bulk material handling industries. In modern industry, screw conveyors are often used in a horizontal or slightly inclined manner as a method of efficiently conveying semi-solid materials, including food waste, wood chips, aggregates, grain, animal feed, boiler ash, meat and bone meal, municipal solid waste, and many more.

The working principle of Industrial Screw Conveyor



Application of the Industrial Screw Conveyor



Cement Plant



Coal-fired power plants



Waste incineration plant



Steel Plant

Raw material which is suitable for the Industrial Screw Conveyor



starch



coal



wheat



fertilizer



medicine



cement

Model of the screw conveyor

Name			100	120	140	160	200	250	300	400
Shell diameter			φ114	φ133	φ168	φ194	φ219	φ273	φ325	φ402
Allowable working angle			0~60	0~60	0~60	0~60	0~60	0~60	0~60	0~60
Capacity(m)			8	10	12	14	15	18	20	25
Capacity(t/h)			6	12	17	28	45	70	130	150
Motor	model	≤7	Y90S-4	Y100L1-4	Y100L2-4	Y132S-4	Y132M-4	Y160M-4	Y160L-4	Y180L-4
	power(kw)		1.1	2.2	3	5.5	7.5	11	15-18.5	22
	model	>7	Y100L1-4	Y100L2-4	Y112M-4	Y132M-4	Y160M-4	Y180M-4	Y180L-4	YH200L
	power(kw)		2.2	3	4	7.5	11	15	18.5-22	20-30

Picture of the screw conveyor



