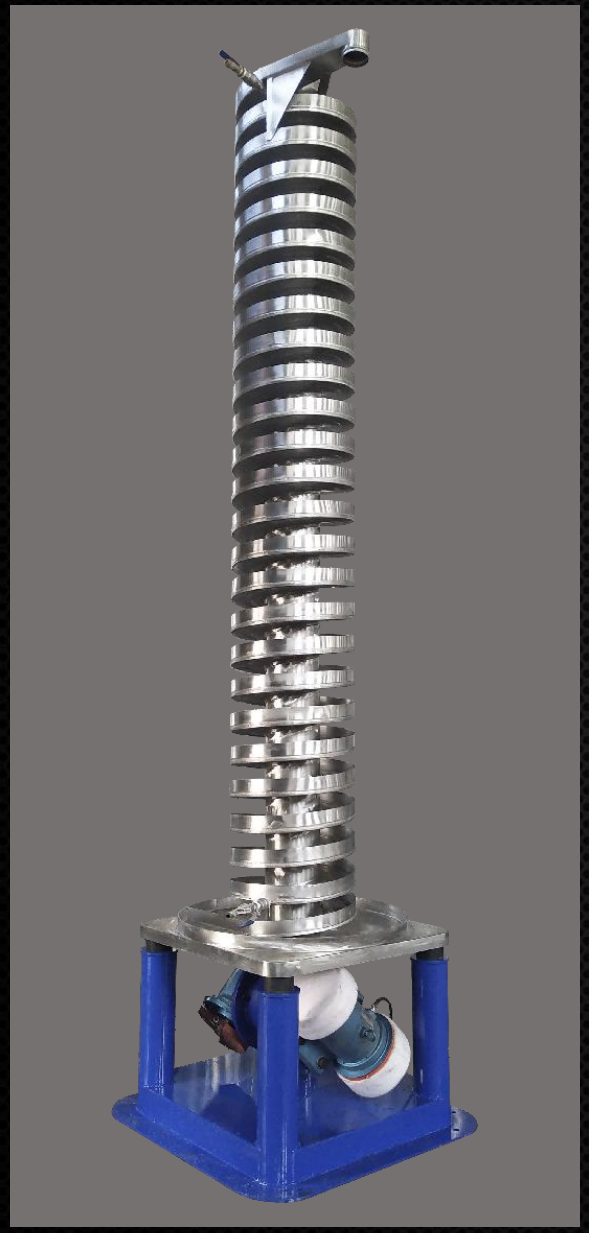
SYT | Expert in Powder Processing Solutions for 30 Years



VIBRATING SPIRAL CONVEYOR

Material can be upward transportation, can also be transmitted downward.

SY series vibrating spiral conveyor is a new type vibrating conveyor, SY type vibration conveyor is lifting in the material at the same time, also can complete drying and cooling of the material. Separate groove, and enclosed two kinds of structure, and can according to different technical requirements, design and material particle classification, design inflammable and explosive materials special vibrating conveyor.

- Equipment covers an area of an area small, easy to production process arrangement.
- Low noise, simple structure, Installation, maintenance is convenient.
- Structure simple and reasonable , low energy consumption, save electricity,





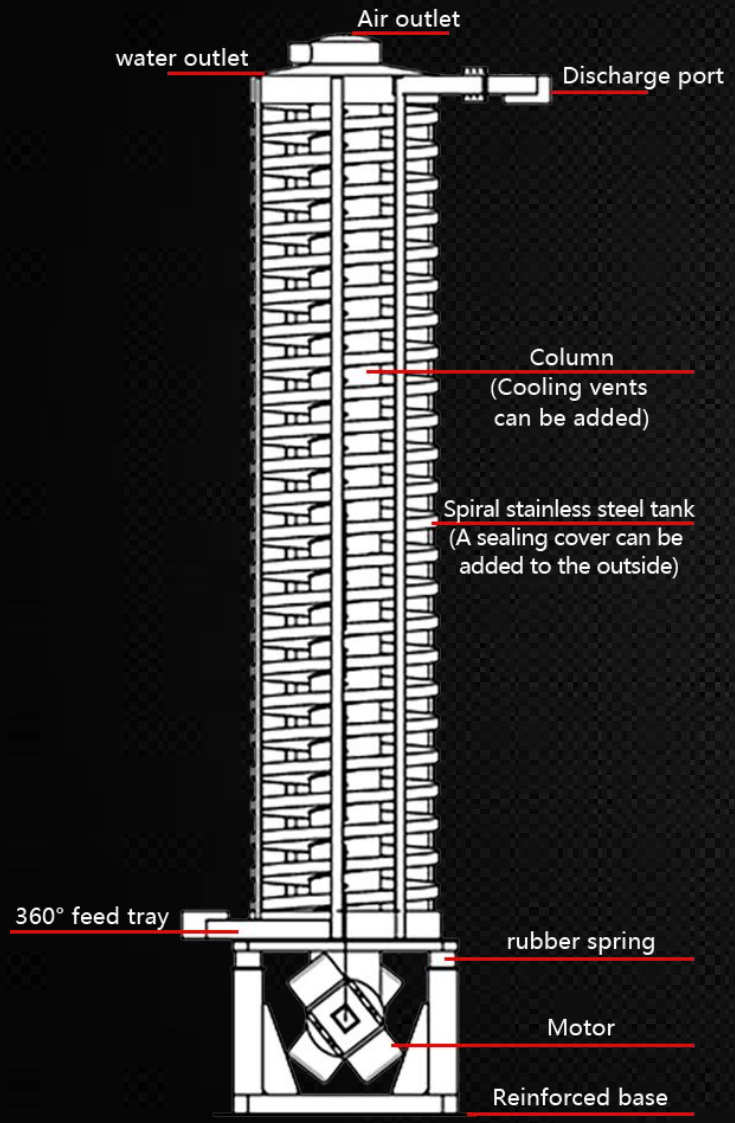




WORKING PRINCIPLE

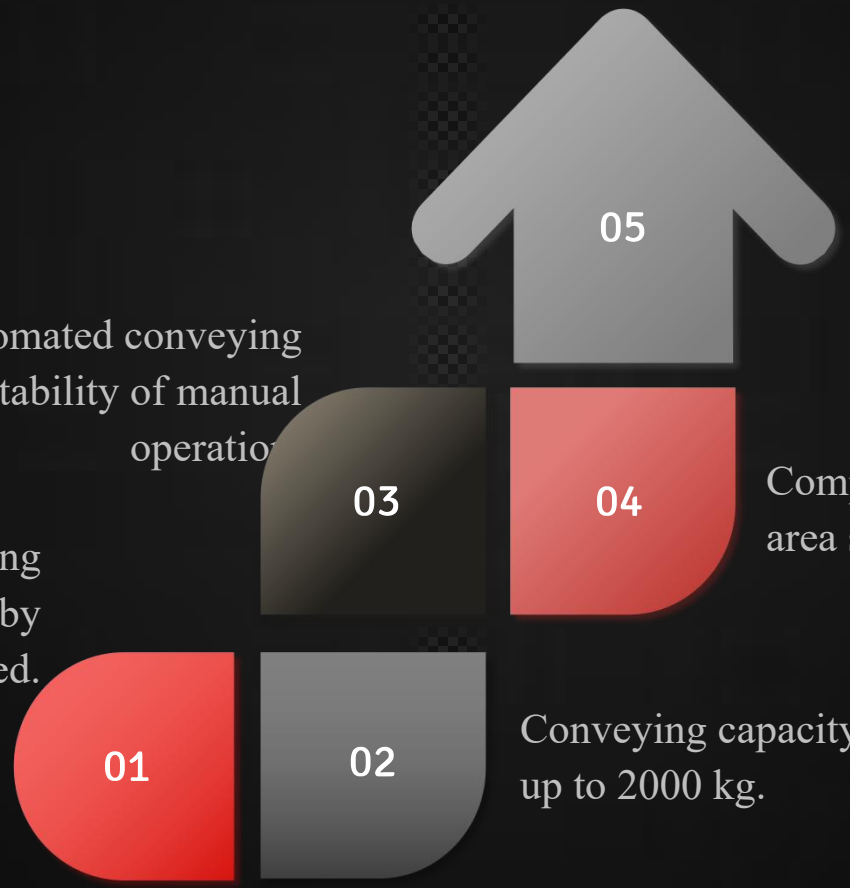
SY Series vibrating spiral conveyor of vibratory motor, installed at the bottom or top of the transmission tower, two vibrating motors symmetric cross installation. Conveyor towers constitute by the pipe body and welding of spiral conveyor trough. Conveyor towers installed in the vibration damping device, vibration damping device is composed of base and vibration isolation spring. When vertical conveyor job, according to the principle of dual vibration motors self-synchronization, produced by the vibration motor excitation force, To force the whole conveyor tower body horizontal circular motion and vertical upward movement, Spiral groove in the material, the role of the conveying groove, a uniform circular motion, throwing down the conveyor tub upward movement, so as to complete material conveying operation up (or down).

STRUCTURE



Motor	The combined amplitude of the two motors is used to transport the material upward along the spiral conveyor trough.
Base	High-quality steel reinforced base for smoother operation
Rubber spring	Natural rubber, shock-absorbing and wear-resistant
Stainless steel groove	Food grade 304 stainless steel, the outside can be sealed
Cooling system	Water cooling or air cooling can be customized

FEATURES



Safe and reliable, easy maintenance, low operating cost, effectively reduce the transportation cost.

Realize fully automated conveying process, to avoid the instability of manual operatio

Compact structure; cover an area of an area small.

Vibrating spiral conveyor high conveying efficiency and is not affected by transmission speed.

Conveying capacity carrying large range, up to 2000 kg.

MODEL AND SPECIFICATIONS

Model	Material particle size(mm)	Conveyor trough size (mm)	Conveying distance (m)	Vibration (min)	Motor Power (kw)
CZ500	≤50	500	~6.0	960	2×0.75
CZ800	≤50	800	~10	960	2×1.5
CZ1000	≤50	1000	~10	960	2×2.2

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PRODUCT DISPLAY



CZ400



CZ500



CZ300



CZ600

INSTALLATION SITE









APPLICATION

Chemical Industry

Resin, alkali coating, rubber powder, industrial drugs, traditional Chinese medicine powder rubber particles, cosmetics, aluminum chloride solution, paint, etc.

Food Industry

Sugar powder, soy starch, steviol glycosides, salt, rice flour, rapeseed, milk powder, soy milk, egg powder, soy sauce, juice, etc.

Metallurgical Mining

Limestone, metal ore, cryolite, kyanite, magnesite, mica, quartz sand, quartzite, dolomite, kaolin, silica, graphite, diabase

Pollution Treatment

Resin, alkali coating, rubber powder, industrial drugs, traditional Chinese medicine powder rubber particles, cosmetics, aluminum chloride solution, paint, etc.



















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THE SERVICES WE CAN PROVIDE

Sanyuantang Machine Co., Ltd. has been engaged in foreign trade export for more than 10 years. Its rich export experience ensures that you have worry-free purchasing.

When you cooperate with us, you can enjoy:

① Timely response through various communication tools.

② Professional technical guidance to choose the most suitable product for you.

③ Economical transportation scheme to cut down transportation cost.

④ Thoughful after-sales tracking service from the installation to the daily maintanence.



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