



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,

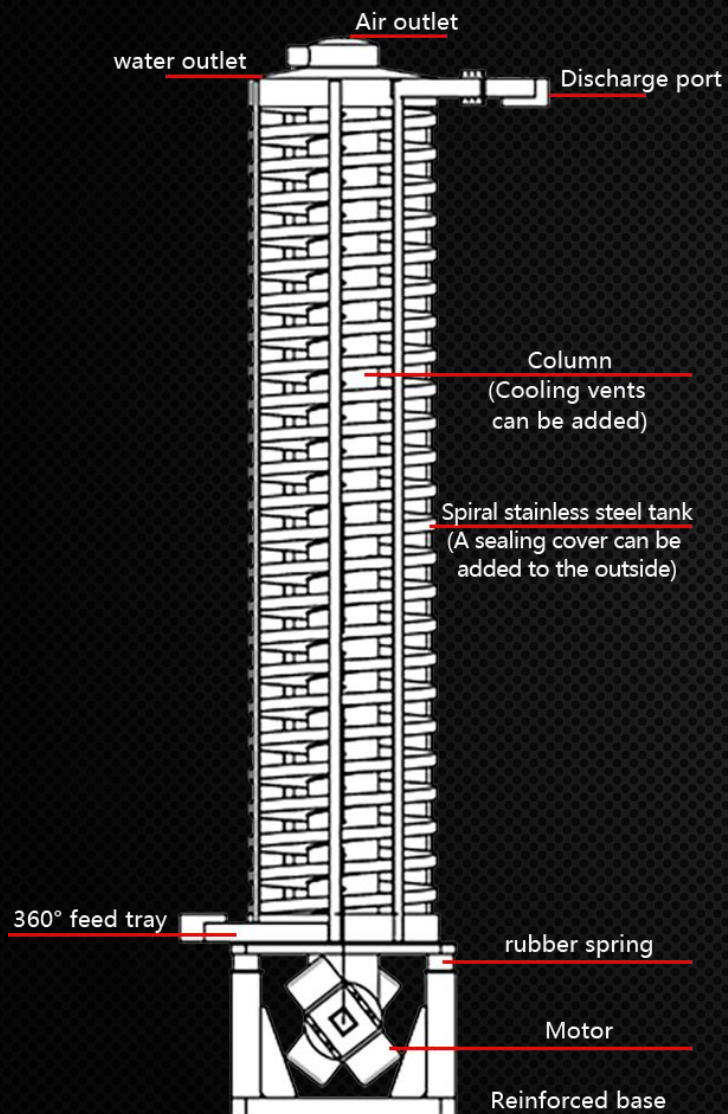




WORKING PRINCIPLE

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

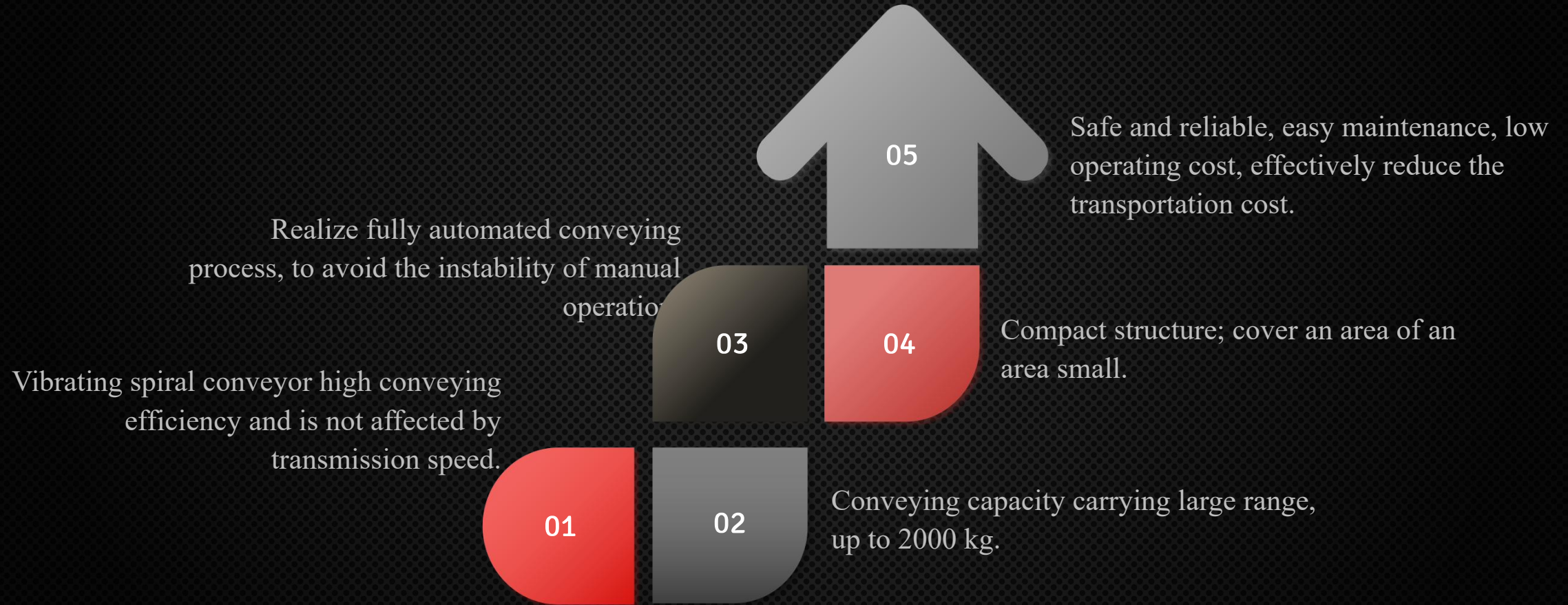
Stainless steel groove

Food grade 304 stainless steel, the outside can be sealed

Cooling system

Water cooling or air cooling can be customized

FEATURES



MODEL AND SPECIFICATIONS

Model	Conveying capacity (t/h)	Material particle size(mm)	Conveyor trough size width times height (cm)	Conveying distance (m)	Vibration (min)	Motor Power (kw)	Gross weight (kg)
CZ250	~ 1.0	≤50	25×25	~2.0	960	2×0.4	230
CZ300	~ 1.5	≤50	30×30	~3.0	960	2×0.4	305
CZ400	~ 2.0	≤50	40×30	~5.0	960	2×0.75	580
CZ500	~ 2.5	≤50	50×35	~6.0	960	2×1.5	880
CZ600	~ 3.0	≤50	60×40	~8.0	960	2×2.2	1280
CZ700	~ 3.5	≤50	70×40	~10	960	2×3.0	1850

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.



Quartz Sand



Ceramic Sand



Oil Fracturing Proppant



Calcium Powder



Paint Coating



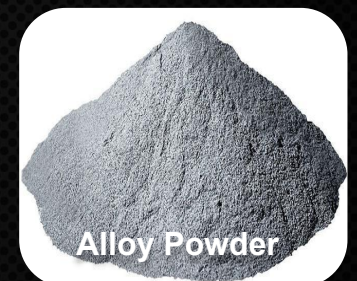
Rubber Particles



Metal Powder



Kaolin



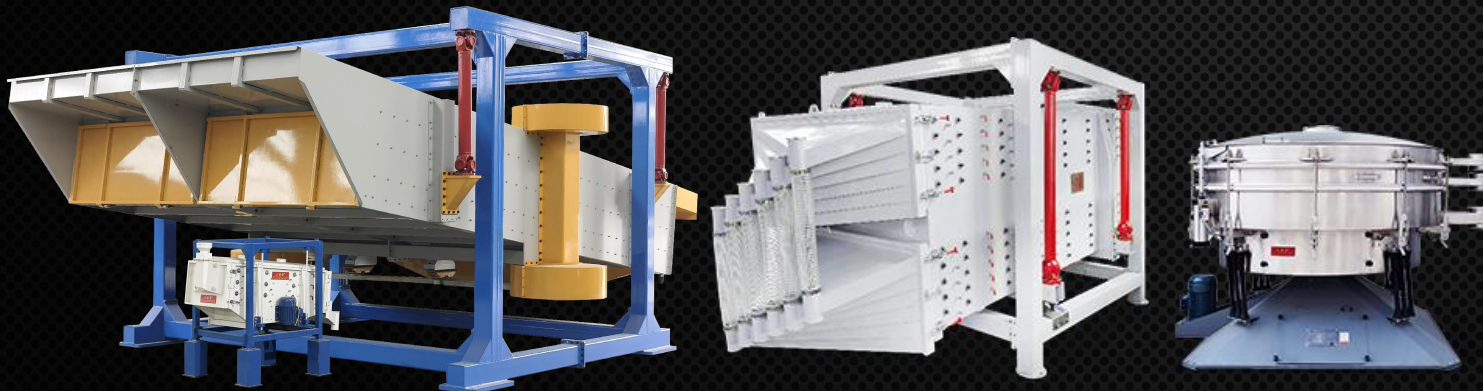
Alloy Powder

THE SERVICES WE CAN PROVIDE

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- 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.
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