



国 鸿
Guohong

杭州国鸿机械有限公司

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环保节能高效

Environmental Protection, Energy Saving, High Efficiency

输送机械设备

Conveying Machinery Equipment

企业简介

杭州国鸿机械有限公司是一家集研发、生产、销售、服务于一体的专业输送设备制造商。

主导产品包括：NSE系列高速板链斗式提升机、NE系列低速板链斗式提升机、TGD钢丝胶带斗式提升机、FU系列高效链式输送机、SDB系列链斗式输送机及各种规格型号相关零配件，产品广泛应用于水泥、矿山、钢铁、化工、环保、港口等行业。

公司拥有先进的加工设备、经验丰富的技术团队、销售团队和售后团队，致力于提供高品质的产品、全方位的服务，以及量身定制的解决方案。

公司秉承“以质量求生存，以服务求发展”为宗旨热忱的服务于广大用户；始终“以重合同，守信用”为理念，满足不同用户的个性化需求。

国鸿输送机械具有输送量大、高效节能、安全可靠、密封环保、故障率低、使用寿命长等优点，赢得各界用户的一致好评。

我们的使命是为客户提供从研发到成品运输的全方位服务；我们的目标是努力成为输送设备的最佳方案提供商和最佳设备供应商。

Introduction

Hangzhou Guohong Machinery Co., Ltd is a professional conveying equipment manufacturer integrating R & D, production, sales and service.

Leading products include : NSE series high-speed plate chain bucket elevator, NE series low-speed plate chain bucket elevator, TGD steel-wire belt bucket elevator, FU series high-efficiency chain conveyor, SDB series chain bucket conveyor, and related spare parts, which are widely used in cement construction, mining, steel, chemical, power plant, environment protection, port and other industries.

Guohong has advanced processing equipment, experienced technical team, sales team and after-sales team, they are committed to providing high-quality products, full services, and customized solutions.

Guohong adheres to the tenet "survive by quality, develop by service" to serve the clients with enthusiasm; always "value contracts, keep promises" as the concept to meet the individual needs of different users.

Guohong machinery has the advantages of large conveying capacity, high-efficient , safe and reliable, energy-saving, sealed and eco-friendly, low failure rate, and long service life, which win a good reputation among the customers.

Our mission is to provide customers with a full range of services from R & D to finished product transportation; our goal is to strive to become the best-solution provider and the best-equipment supplier for conveying equipment.

NSE型高速板链斗式提升机

NSE High-Speed Chain Bucket Elevator



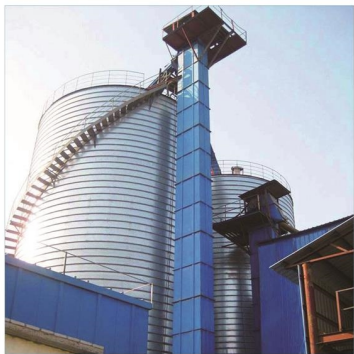
- 应用范围广：用于垂直提升粉状和小颗粒状物料。
- 输送能力大：输送量可达100 ~ 1600m³/h。
- 提升高度高：高强度板链式链条可提升至55m高度。
- 驱动功率小：流入式喂料，诱导式卸料，密集型料斗，几乎无回料和挖料，比环链提升机节能30%。
- 使用寿命长：优质合金钢经科学热处理方式加工而成高强度耐磨链条，确保输送链使用寿命超过3年。
- 先进的设计原理和加工工艺，保证了整机运行的可靠性，操作维修方便，易损件少，无故障运行超过2万小时。
- 安全可靠、密封环保、高效节能，维修少、综合成本低。

- Wide Application : It is used to lift powdery and small granular material vertically.
- Large Conveying Capacity : conveying capacity is 100 ~ 1600m³/h.
- High Lifting Height: high-strength plate chain can reach 55m.
- Low Consumption: feeding by inflow, discharging by gravity, intensive hoppers; almost no material returning or digging, save more than 30% energy compared with ring chain bucket elevator.
- Long service life: high strength and wear-resistant chain is made of high-quality alloy steel which is processed by scientific heat treatment, ensures the service life of chain exceeds 3 years.
- Advanced design principle and processing technique ensure the reliability of the whole machine, easy operation and maintenance, less wearing parts, and trouble-free operation is more than 20,000 hours.
- Safe and reliable, good sealing, eco-friendly, energy-saving, less maintenance and low operation cost.

型号 Model	提升量 Lifting capacity (m³/h)	料斗容积 Hopper volume (m³)	运行速度 Running speed (m/min)	物料最大块度 Maximum Size of Mass Material (mm)				
				占百分比 Percentage (%)				
				10	25	50	75	100
NSE100	140	0.019	66	20	15	10	7	5
NSE200	220	0.025	66	35	30	20	15	10
NSE300	300	0.032	66	35	30	20	15	10
NSE400	400	0.051	66	50	40	30	25	20
NSE500	500	0.068	66	50	40	30	25	20
NSE600	600	0.079	66	50	40	30	25	20
NSE700	700	0.095	66	65	60	40	35	30
NSE800	800	0.134	66	65	60	40	35	30
NSE1000	1000	0.154	66	65	60	40	35	30
NSE1600	1600	0.300	64	64	64	40	35	30

NE型高速板链斗式提升机

NE Low-Speed Chain Bucket Elevator



- 应用范围广：不仅用于垂直提升粉状、颗粒状物料，还可以提升块状、磨琢性较大的物料。
- 输送能力大：输送量可达15 ~ 800m³/h。
- 提升高度高：高强度耐磨链条提升高度可达50m。
- 驱动功率小：流入式喂料，诱导式卸料，密集型料斗，几乎无回料和挖料，理论计算功率是环链机的45%左右。
- 使用寿命长：科学的整机设计防止物料对机体的磨损，高强度板链耐磨链条的使用寿命超过5年。
- 操作维修方便，易损件少，无故障运行超过3万小时。
- 运行可靠、密封环保，高效节能、维修少，综合成本低。

- Wide Application : It is not only used to lift powdery, granular material, but also used to lift lump, high-abrasion material vertically.
- Large Conveying Capacity : conveying capacity is 15 ~ 800m³/h.
- High Lifting Height: high-strength plate chain can reach 50m.
- Low Consumption: feeding by inflow, discharging by gravity, intensive hoppers; almost no material returning or digging, theoretically it only requires 45% energy of ring chain bucket elevator.
- Long service life: the scientific machine design prevents machine body from material abrasion, the service life of the high-strength wear-resistant plate chain is more than 5 years.
- Easy operation and maintenance, less wearing parts, trouble-free operation is more than 30,000 hours.
- Reliable running, good sealing, eco-friendly, energy-saving, less maintenance and low operation cost.

型号 Model	提升量 Lifting capacity (m³/h)	Hopper			物料最大块度 Maximum size of mass material (mm)				
		容积 Volume (L)	斗距 Space (mm)	斗速 Speed (m/min)	10%	25%	50%	75%	100%
					占百分比 Maximum percentage (%)				
NE15	15	2.5	203.2	29.8	65	50	40	30	25
NE30	32	7.8	304.8	30.1	90	75	58	47	40
NE50	60	14.7	304.8	30.1	90	75	58	47	40
NE100	110	35.0	400	31	130	105	80	65	55
NE150	170	52.2	400	31	130	105	80	65	55
NE200	210	84.6	500	30	170	135	100	85	70
NE300	320	127.5	500	30	170	135	100	85	70
NE400	410	182.5	600	30	205	165	125	105	90
NE500	560	260.9	700	30	240	190	145	120	100
NE600	600	300.2	700	30	240	190	145	120	100
NE800	800	501.8	800	30	275	220	165	135	110

TGD型高速板链斗式提升机

TGD Steel-Wire Belt Bucket Elevator



- 提升高度高，单机最高可达120m。
- 输送量可达1100m³/h，物料温度可达120℃。
- 驱动滚筒配有自动对中装置，采用专利包胶技术，摩擦力大。
- 自动纠偏技术，完全避免胶带跑偏现象。
- 尾部同步平衡张紧装置，实现自动张紧。
- 能耗低，与一般提升机相比节约能耗30%左右。
- 操作维修方便，易损件少，维护量比一般斗提机相减少60%。
- 使用寿命长，运行可靠性好，无故障时间可超过3万小时。
- 无噪音、无粉尘污染、结构精度高、强度大、外型美观。

- The lifting height is high, the single machine can reach up to 120m.
- Conveying capacity can reach 1100m³/h, material temperature can reach 120 °C.
- The driving roller is equipped with an automatic centering device, which adopts patented rubber coating technology and has high friction.
- Automatic correction technology to completely avoid belt deviation.
- The tail synchronous balance tensioning device realizes automatic tensioning.
- Low energy consumption, saving 30% energy compared with general bucket elevators.
- Convenient operation and maintenance, less wearing parts, and maintenance is 60% less than the general bucket elevators.
- Long service life, good operational reliability, and trouble-free time can exceed 30,000 hours.
- No noise, no dust pollution, high structure accuracy, high strength, beautiful appearance.

型号 Type	料斗容积 Hopper Volume (L)	运行速度 Speed (m/s)	理论输送能力 (m³/h) (按75%填充率计算) Theoretical Capacity (m³/h) (Calculated at 75% Filling Rate)						
			料斗间距 (Hopper Spacing) (mm)						
			280	320	360	400	440	480	520
TGD250	5.20	1.37	69	60	52				
TGD315	6.50	1.37	87	76	65				
TGD400	14.60	1.53		188	168	150			
TGD500	18.00	1.53		230	206	185			
TGD630	29.00	1.53			335	300	270		
TGD800	37.00	1.53			425	385	350		
TGD1000	46.00	1.53			530	480	435		
TGD1000B	58.00	1.88				735	670	610	560
TGD1250	73.00	1.88				926	840	770	710
TGD1400	99.00	1.92					1140	1047	966

FU型高效链式输送机

FU High-Efficiency Chain Conveyor



- 用于水平（或≤15°）粉状、小颗粒状物料输送。
- 输送能力达：输送量可达15 ~ 600m³/h。
- 输送距离长：单机长度可达60m左右。
- 使用能耗低：比传统的螺旋机节电30 ~ 50%。
- 工艺布置灵活：允许在机壳任何位置选择多种形式的进出口口、可高架、地面或地坑布置，可水平或≤15°安装。
- 使用寿命长：优质合金钢材料经科学的热处理加工而成的输送链，其正常使用寿命≥3年。
- 安全可靠：整机全密封、无粉尘污染、防水防雨、操作方便、外形美观、运行可靠。

- It is used for conveying powdery and small granular materials horizontally (or ≤15 °)
- Conveying capacity: the conveying capacity can reach 15 ~ 600m³ / h.
- Long conveying distance: single machine can reach 60m.
- Low energy consumption: 30-50% energy saving compared with traditional screw machine.
- Flexible process layout: allows multiple forms of inlet and outlet to be placed at any location of the conveyor, the machine can be installed on high place, flat place or pits, horizontally or ≤15 °.
- Long service life: the chain is made of high-quality alloy steel materials which is processed by scientific heat treatment, the service life of the chain is more than 3 years.
- Safe and reliable: the whole machine is fully sealed, no dust pollution, waterproof and rainproof, easy to operate, beautiful appearance and reliable operation.

型号 Model	机槽宽度 Slot width (mm)	理想粒度 Ideal grain size (mm)	10%最大粒度 10% Max grain size (mm)	输送机链速 Conveyor chain speed (m/min)							最大输送 斜度 Slope	物料湿度 Material humidity
				11	13.5	17	18.6	21	23	28		
				输送量 Conveying capacity (m³/h)								
FU150	150	< 4	< 8	10	12	15	16	18	20	25	≤15°	≤5° (以手捏成团，撒手后仍能松散为宜。) (Hold the material into a ball by hand, and the material can still be loose after release it.)
FU200	200	< 5	< 10	17	21	27	29	33	36	43		
FU270	270	< 7	< 14	31	38	45	53	60	65	80		
FU350	350	< 9	< 18	53	64	81	89	100	110	133		
FU410	410	< 11	< 22	72	88	111	122	137	150	183		
FU500	500	< 13	< 26	107	131	166	182	204	225	273		
FU600	600	< 15	< 30	155	189	239	261	295	323	400		

SCD/SCB型链斗式输送机

SCD/SCB Continuous Bucket Conveyor



- 使用范围广：广泛用于输送粉状、颗粒状和块状物料，如水泥熟料、高温炉渣、矿渣等物料。特别是输送一些温度高、比重大、块度大、具有锋利棱角和磨琢性强的固体物料。
- 输送能力大：输送量19 ~ 610m³/h。
- 适应性强：物料温度达600℃，块度达200mm，倾斜角度达60°。
- 输送距离长：单机长度可达150m，提升高度可达60m，最小曲率半径为10m。
- 使用寿命长：高疲劳强度耐磨链条使用寿命3年以上，高疲劳强度模锻链条使用寿命5年以上。
- 高效节能：节能效果显著，比鳞板机节能50%以上。

- Wide application: it is widely used for conveying powdery, granular and block materials, such as cement clinker, high-temperature furnace slag, slag and other materials. Especially for some high temperature, large specific gravity, large block, and solid material with sharp edges and high-abrasion..
- Large conveying capacity: the conveying capacity is 19 ~ 610m³ / h.
- Strong adaptability: the material temperature can reach 600 °C, the block size can reach 200mm, and the inclination angle can reach 60 °.
- Long conveying distance: the length of single machine can reach 150m, lifting height can reach 60m, minimum radius of curvature is 10m.
- Long service life: the service life of high fatigue-strength wear-resistant chain is more than 3 years, the service life of high fatigue-strength forging chain is more than 5 years.
- High-efficient and energy-saving: the energy-saving effect is remarkable, which is 50% energy-saving than the apron conveyor.

型号 Model	料斗边高 Hopper edge height (mm)	输送量 Conveying capacity (slope ≤ 25°)				倾斜角 α Inclination Angle	料斗边高 (mm)		调整系数 (k)		
		输送速度 Conveying speed (m/s)					Hopper edge height	Adjustment factor			
		0.15	0.20	0.25	0.30		160	200	250	300	350
SCD400	160	29	39	49	59	30°	0.88	0.91	0.93	0.94	0.95
SCD540	160	40	53	66	80	35°	0.80	0.83	0.86	0.89	0.90
SCD640	200	59	79	99	119	40°	0.69	0.75	0.80	0.83	0.86
SCD640	250	74	99	124	149	45°	0.60	0.69	0.74	0.79	0.82
SCD800	250	93	124	156	187	50°	0.50	0.61	0.69	0.74	0.78
SCD800	300	112	150	187	225	55°	0.43	0.54	0.63	0.69	0.74
SCD1000	250	116	155	195	234	60°	0.37	0.47	0.57	0.65	0.70
SCD1000	300	140	188	244	281						

各种配件 Spare Parts

链轮总成 Sprocket Assembly



分体链轮 Split Sprocket



轴 Shaft



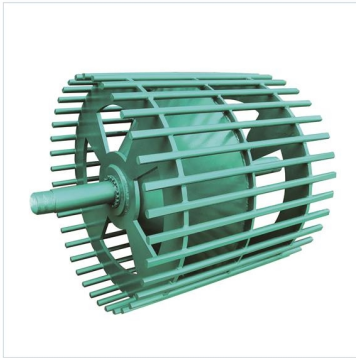
链条 Plate Chain



头部滚筒 Head Pulley



尾部滚筒 Tail Pulley



各种配件 Spare Parts

料斗 Buckets



尾部链轮 Tail Sprocket



传动链轮 Transmission Sprocket



轴承座 Bearing Block



液力耦合器 Fluid Coupling



减速机 Reducer



加工设备 Processing Equipment

