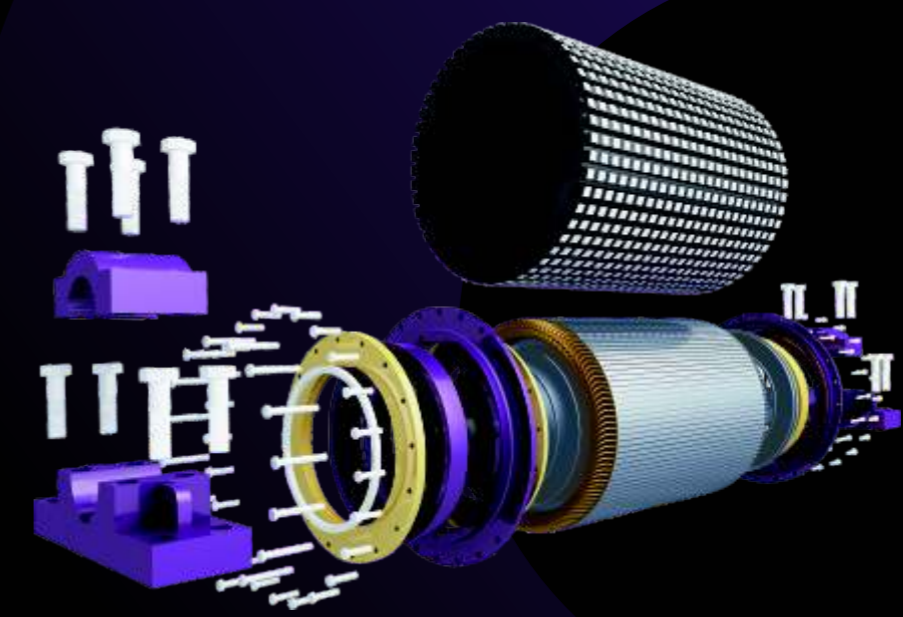





THE PERMANENT MAGNET PULLEY DRIVE SYSTEM

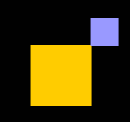
THIS IS A REVOLUTION IN THE TRANSMISSION TECHNOLOGY OF BELT CONVEYORS



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 JIANGSU JIA XUAN INTELLIGENT
INDUSTRIAL POLYTRON TECHNOLOGIES INC.

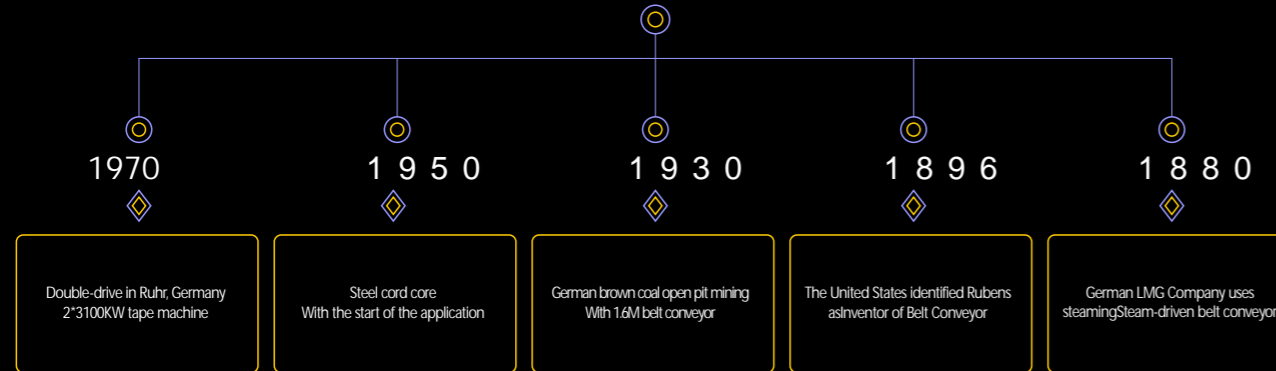
Jiaxuan is determined to become a world-leading future workshop, we know that technology is the driving force to improve production, we pool outstanding talent, to create advanced technology.
We integrate technology and innovation, continue to challenge change, and create high-quality products.
In the increasingly complex production site, how to maximize the sustainability and safety of production is particularly important.
As a leading manufacturer of belt conveyor drive systems, Jiaxuan is committed to promoting Jiaxuan intelligent external rotor direct drive system solutions.
Jiaxuan intelligent external rotor direct drive system to achieve the construction, production and maintenance of the important concept of "overall production cost reduction", make full use of cutting-edge advanced and innovative technology and information, and promote the optimization of industrial production.

JASUNG INTELLIGENCE

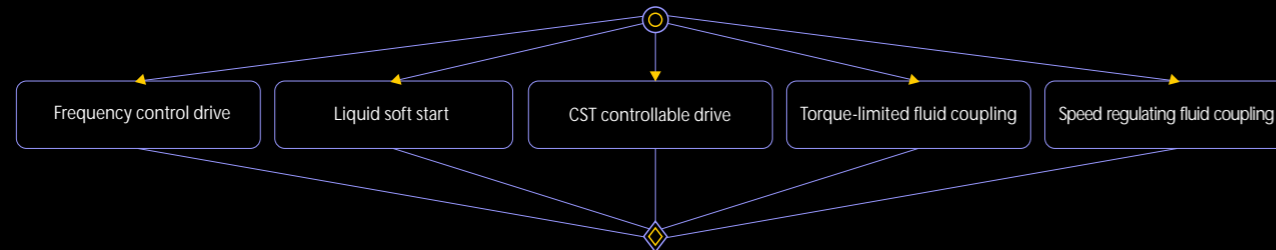
Technology changes the future

THE PERMANENT MAGNET PULLEY DRIVE SYSTEM

DEVELOPMENT HISTORY OF TAPE CONVEYOR



COMMON TRANSMISSION MODE OF BELT CONVEYOR AT PRESENT



DEVELOPMENT OF INNOVATIVE JIAXUAN INTELLIGENT EXTERNAL ROTOR DIRECT DRIVE SYSTEM



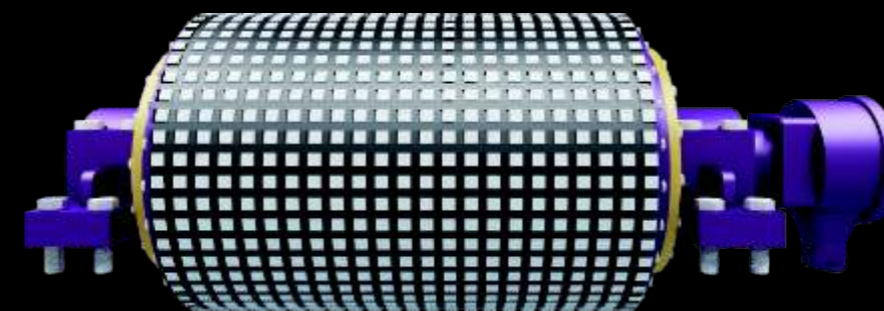
THE PERMANENT MAGNET PULLEY DRIVE SYSTEM

It is composed of Jiaxuan permanent magnet direct drive drum and Jiaxuan intelligent driver to realize the start-up, operation, detection, protection and speed regulation of belt conveyor.

It is an intelligent terminal of industrial production with a high degree of combination of machinery, electricity and software.

Jiaxuan intelligent external rotor direct drive transmission system has changed the traditional conveyor transmission system, which is composed of drum, motor, reducer, hydraulic coupler, coupling, control and protection and other equipment. Jiaxuan permanent magnet direct drive drum is both motor and drum.

Jiaxuan intelligent driver



Volume reduction
75%

Fault reduction
80%

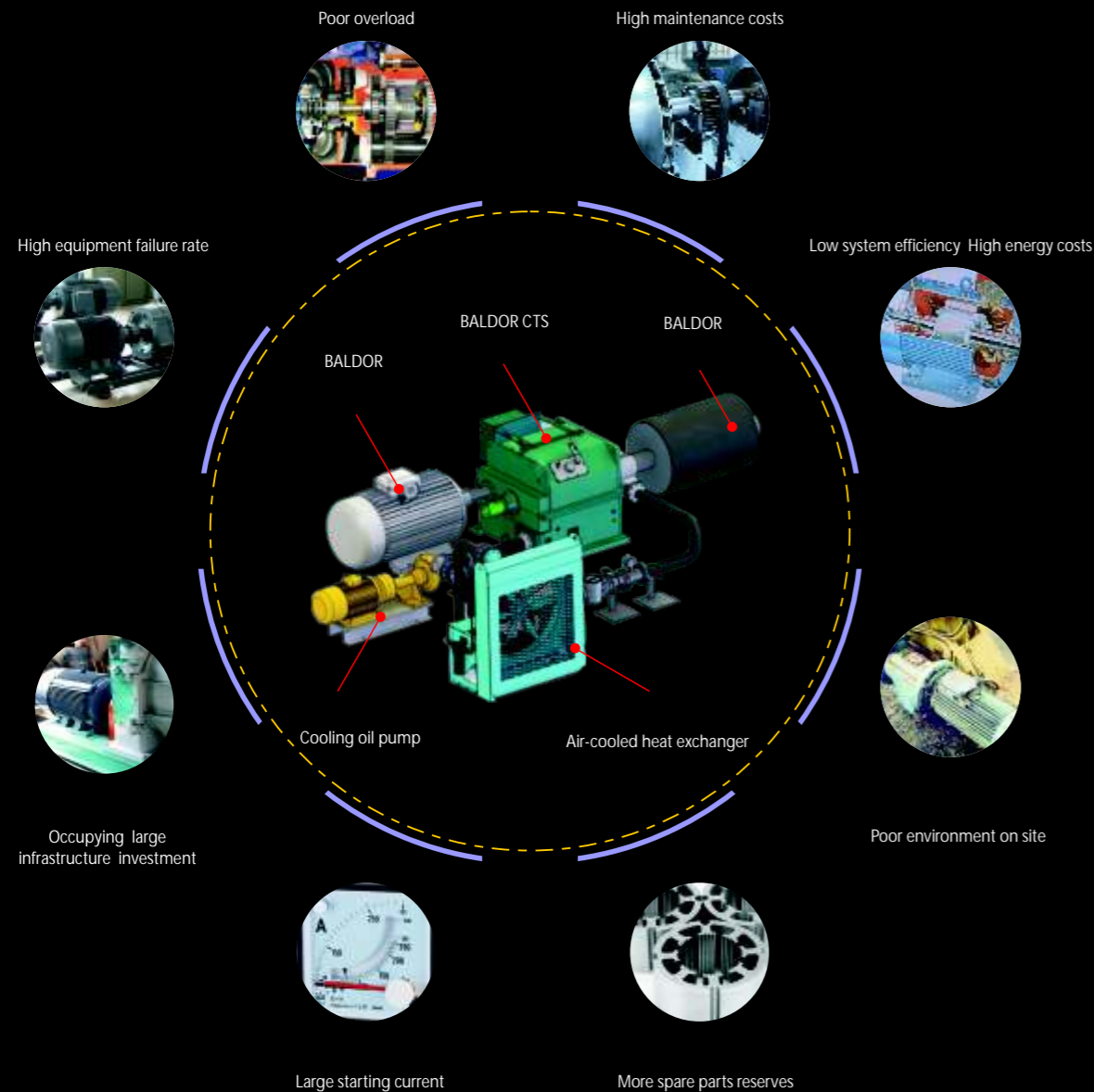
Reduced maintenance
80%

Energy conservation
20%

SOLVE PROBLEMS AND TROUBLES

IS YOUR TRANSPORTATION SYSTEM FACING SUCH "PROBLEMS" AND "ANNOYANCES"?

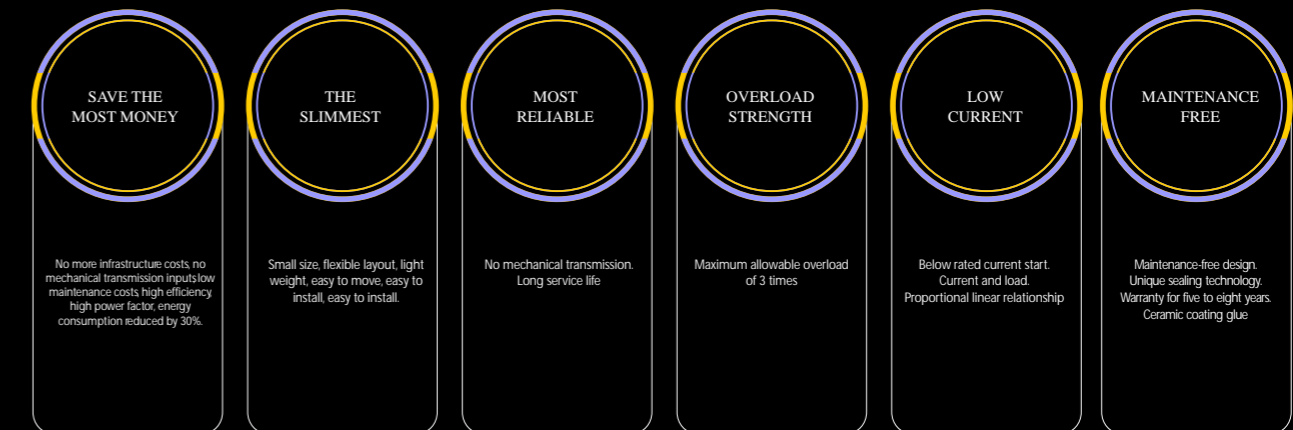
BEFORE COMPLEX TRANSMISSION SYSTEM



JIAXUAN PERMANENT MAGNET ROLLER



AFTER SIMPLEST TRANSMISSION SYSTEM



JIAXUAN PERMANENT MAGNET DIRECT DRIVE DRUM

Original external rotor permanent magnet motor technology, Jiaxuan permanent magnet direct drive drum shaft fixed, equivalent to the stator part of the motor, the stator core is superimposed and fixed on the shaft by silicon steel sheet, in which the stator winding is embedded, When the stator winding passes through three-phase symmetrical alternating current, A rotating magnetic field can be generated; the cylinder surface of the drum is equivalent to the rotor part of the motor, and the rotor is superimposed and fixed on the inner surface of the cylinder by a silicon steel sheet and embedded with a UH grade NdFeB permanent magnet, which will produce a permanent static magnetic field. when symmetrical three-phase alternating current is passed, The motor works, that is, the drum works.

Stator using patented technology, patent no.: ZL2015 2 1027322.1
Safety level:
international Safety quality Certification: Ce170402005347

Rotor using patented technology, patent no.: ZL2015 2 0018631.6
Energy efficiency rating:
China quality Certification: CQC17701165307

THE PERMANENT MAGNET PULLEY DRIVE SYSTEM

The intelligent driver applies frequency conversion technology and microelectronic control technology, independently develops a distributed drive control system, has a patented intelligent driver algorithm to achieve accurate control, and controls the speed and position through the pulse sequence sent by the upper controller.

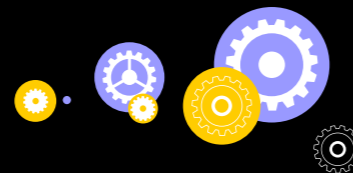
The algorithm inside the driver and faster and more accurate calculation as well as better performance of electronic devices to change the frequency of the motor working power supply to control the speed of Jiaxuan intelligent industrial motor;

Through the closed-loop control system composed of rectifier bridge (AC variable DC), filter, inverter (direct rheological AC), driving unit, detection unit, communication unit and so on, the control and protection, precise speed regulation and smooth start of Jiaxuan permanent magnet direct drive drum are carried out.

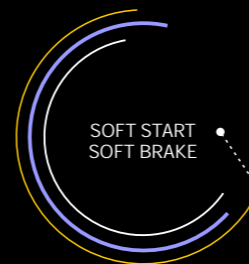
According to the characteristics and requirements of different factory field operation, Jiaxuan Intelligent provides a special drive and control system for each household to realize the intelligent operation and intelligent management of conveying equipment.



VCM TM Guardian Industrial Cloud Intelligent Device Status Management System
BDTM Drive Control System -----Universal Belt Conveyor Drive Control System
MDBDTM drive control system ----- multi-drive belt conveyor dedicated drive control system
Intelligent Drive Algorithm Patent ZL2015 2 1027323.6

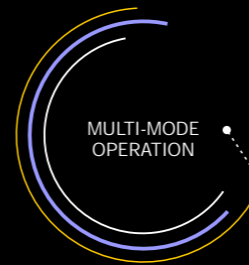


THE PERMANENT MAGNET PULLEY DRIVE SYSTEM



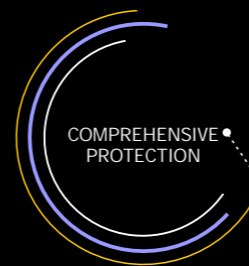
SOFT START
SOFT BRAKE

The protective tape uses the soft starting function of the driver to release the energy stored in the belt slowly, so that the tension wave formed by the belt conveyor in the starting process is very small, and almost no damage to the belt. The heavy load start-up is smooth under various load conditions, the starting torque is large, and there is no impact current. No mechanical impact greatly prolongs the service life of the equipment.



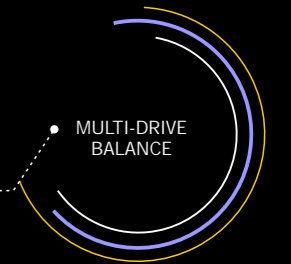
MULTI-MODE
OPERATION

It can realize many kinds of operation modes, such as constant torque operation, constant speed operation and so on. According to the coal flow rate to provide multi-speed mode, a wide range of speed regulation.



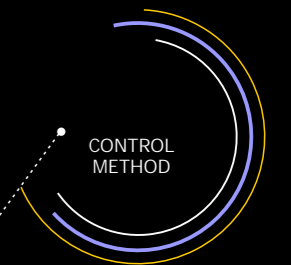
COMPREHENSIVE
PROTECTION

A: centralized control: connect the drive to the central control room for centralized control.
B: field control: connect the driver control to the work site, according to the work site conditions manual control.
The users of the above two control modes can be set up through the man-machine interface (touch screen) to meet the requirements of different working conditions.



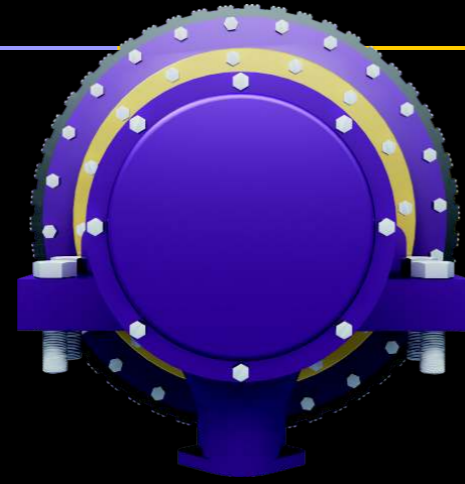
MULTI-DRIVE
BALANCE

The power balance of the belt conveyor with multiple driving units, the intelligent transfer of load between the driving units, the fast response speed, the good synchronization, the high precision, and the stable operation at low speed.



CONTROL
METHOD

INNOVATIVE DESIGN AND EXCELLENT MANUFACTURING



01

Rotor and stator structure Design of patented Technology.
Ensures high efficiency and strong overload capacity, lower current, less heat

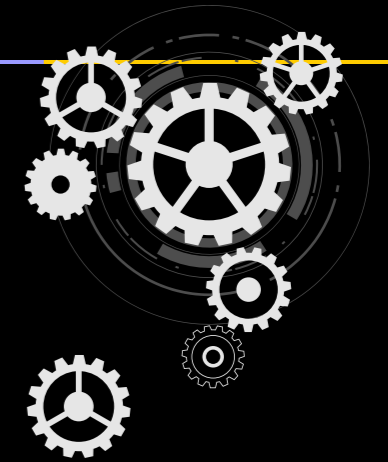
02

Patented Seal Design and integral Seal structure.
Better meet the application in various bad working conditions, such as moisture, dust and so on, as well as in the field of anticorrosion and explosion-proof.

03

Patented temperature Detection Technology and temperature Control and Regulation Technology.
Ensure the long life continuous operation of the motor under complex working conditions

INNOVATIVE DESIGN AND EXCELLENT MANUFACTURING

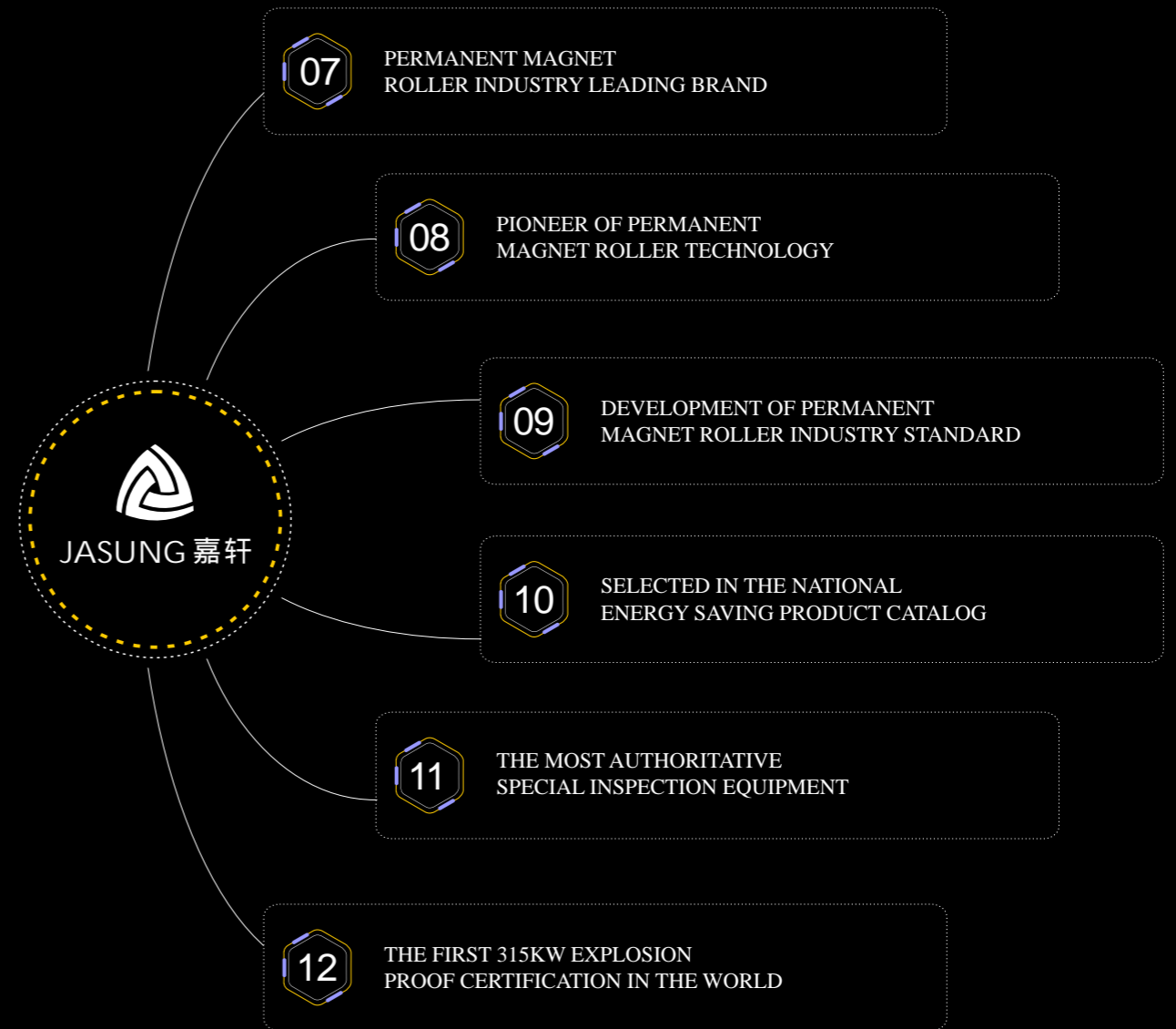


- Using large size bearing and optimized support design, SKF centering bearing should be overloaded without worrying about lateral impact load and installation tilt.
- Using UH grade NdFeB permanent magnet material, the temperature resistance can reach 180 ;
- Unique structural design, can achieve reverse stop, braking integration;
- Natural cooling, water cooling, air cooling and other cooling methods to choose from;
- Ceramic cold vulcanization coating process, excellent wear resistance, life-long maintenance-free;

THE MOST PROFESSIONAL PERMANENT MAGNET DRUM MANUFACTURING ENTERPRISE



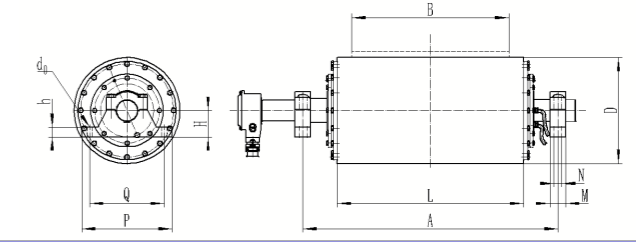
THE MOST PROFESSIONAL PERMANENT MAGNET DRUM MANUFACTURING ENTERPRISE



JIAXUAN PERMANENT MAGNET DIRECT DRIVE DRUM

Bandwidth (mm)	Roll length (mm)	Roll diameter (mm)	Roll speed (m/s)	Power (KW)	Roll speed (m/s)						efficiency	power factor	
					1	1.25	1.6	2	2.5	3.15			4
1400	1600	1400	132	92.35	73.88	57.72	46.17	36.94	29.32	23.08	18.47	96.5%	0.95-0.99
			160	89.56	69.96	55.97	44.78	35.54	27.98	22.39			
			185	80.9	103.55	64.72	51.77	41.09	32.36	25.88			
			200		87.46	69.97	55.98	44.43	34.98	27.99			
			220		96.21	76.97	61.57	48.87	38.48	30.79			
			250		109.32	87.46	69.97	55.53	43.73	34.98			
			280			97.95	78.37	62.2	48.98	39.18			
			315			110.19	88.16	69.97	55.1	44.08			
			355				99.35	78.85	62.1	49.68			
			375				104.95	83.29	65.59	52.47			
			400				111.95	88.85	69.97	55.98			
			450					99.95	78.71	62.97			
			500					111.06	87.46	69.97			
			560						97.95	78.36			
			630						110.19	88.16			
			710							99.35			
			75	29.98	23.98	18.74	14.99	11.99	9.52	7.50	6.00		
			90		28.776	22.49	17.99	14.39	11.42	9.00	7.20		
			110			27.48	21.99	17.59	13.96	11.00	8.80		
			132			32.98	26.38	21.11	16.75	13.19	10.56		
	160				31.97	25.58	20.31	15.99	12.79				
	185				36.97	29.57	23.48	18.49	14.79				
	200					31.97	25.38	19.99	15.99				
	220					35.17	27.91	21.99	17.59				
	250						31.72	24.98	19.99				
	280						35.53	27.97	22.39				
	315							31.46	25.18				
	355							35.46	28.38				
	400								31.98				
	110	54.97	43.98	34.36	27.49	21.99	17.45	13.74	11				
	132		52.77	41.23	32.99	26.39	20.94	16.49	13.19				
	160			49.97	39.98	31.99	25.39	19.99	15.99				
	185			57.78	46.23	36.98	29.35	23.11	18.49				
	200			62.47	49.97	39.98	31.73	24.99	19.99				
	220				54.97	43.98	34.91	27.49	21.99				
	250				62.47	49.97	39.67	31.24	24.99				
	280					55.97	44.43	34.98	27.99				
	315					62.97	49.98	39.36	31.49				
	355						56.33	44.36	35.48				
	375						59.50	46.85	37.48				
400						63.47	49.98	39.98					
450							56.22	44.98					
500								49.98					
560								55.97					
132	82.46	65.97	51.54	41.23	32.99	26.18	20.62	16.49					
160		79.96	62.47	49.98	39.98	31.73	24.99	19.99					
185		92.45	72.23	57.79	46.23	36.69	28.89	23.11					
200			78.08	62.47	49.98	39.67	31.24	24.99					
220			85.89	68.72	54.98	43.63	34.36	27.49					
250			97.6	78.09	62.47	49.58	39.05	31.24					
280				87.46	69.97	55.53	43.73	34.98					
315				98.39	78.71	62.47	49.2	39.36					
355					88.71	70.41	55.44	44.36					
375					93.70	74.37	58.56	46.85					
400					99.95	79.32	62.47	49.98					
450						89.24	70.27	56.23					
500						99.16	78.08	62.47					
560							87.45	69.97					
630							98.38	78.72					
710								88.71					
160	111.95	89.56	69.96	55.97	44.78	35.54	27.98	22.39					
185		103.55	80.9	64.72	51.77	41.09	32.36	25.88					
200		111.95	87.46	69.97	55.98	44.43	34.98	27.99					
220		123.15	96.20	76.97	61.57	48.87	38.48	30.79					
250			109.32	87.46	69.97	55.53	43.73	34.98					
280			122.44	97.96	78.37	62.2	48.98	39.18					
315				110.2	88.16	69.97	55.1	44.08					
355				124.19	99.36	78.85	62.1	49.68					
375					104.96	83.29	65.59	52.47					
400					111.95	88.85	69.97	55.98					
450					125.94	99.96	78.72	62.97					
500						111.07	87.46	69.97					
560						124.40	97.95	78.36					
630							110.19	88.15					
710							124.19	99.34					
800								111.94					

remarks: 1. The overload multiple of drum torque in the selection table is 2.2 times or more. If the customer has special requirements for overload multiple, it must be re-evaluated.
 2. The gray part of the model selection table represents natural cooling, the green part represents air cooling, and the blue part represents water cooling (water cooling is equipped with our water circulating cooler, and no water source is required from the customer).
 3. The selection table does not consider the increase of braking and backstop devices. If the increase of braking and backstop devices results in occupation of the inner space of the drum, it needs to be re-evaluated.
 4. About the coverage of explosion-proof and coal safety certification: air cooling coverage power of 500, 630, 800 and 1000; air cooling coverage power of 315KW and below, roll diameter of 1000, 1250 and 1400; beyond the scope, it is necessary to obtain evidence again, and the period of evidence collection is 3-6 months.
 5. For the efficiency and power factor range, the lower the band speed is, the higher the band speed is.
 6. The roll length corresponding to the standard bandwidth in the selection table is the standard roll length. If the customer requires non-standard roll length, it needs to be re-evaluated. For example, in some modification projects, due to the limitation of rack space, the roll length needs to be reduced, so the evaluation needs to be reconfirmed.
 7. The selection table has covered 500 bandwidth, 650 bandwidth, 800 bandwidth, 1000 bandwidth, 1200 bandwidth, 1400 bandwidth and 1600 bandwidth.
 8. For the same drum, if it is to be used under different working conditions, it can only operate for a long time under rated power, rated torque and rated belt speed.



THE PERMANENT MAGNET PULLEY DRIVE SYSTEM INSTALLATION DIMENSION TABLE

Drum diameter D(mm)	Bandwidth B(mm)	Allowable torque (kN.m)	Main dimension (mm)								Cooling water pipe interface dimension	
			A	L	M	N	Q	P	H	h		d0
500	500	2.7		600	130		350	410	120	50	M24	ZG3/8
500	650	3.5	1000	750	130		350	410	120	50	M24	ZG3/8
500	800	4.1	1300	950	130		350	410	120	50	M24	ZG3/8
630	650	4.1	1000	750	130		480	570	155	46	M24	ZG1
630	650	7.3	1000	750	130		480	570	155	46	M24	ZG1
630	800	6	1300	950	130		480	570	155	46	M24	ZG1
630	1000	6	1500	1150	150	85	480	570	155	46	M24	ZG1
630	1000	12	1500	1150	150	85	480	570	155	46	M24	ZG1
630	1200	12	1750	1400	150	85	480	570	155	46	M24	ZG1
630	1200	20	1750	1400	150	85	480	570	155	46	M24	ZG1
800	800	7	1400	950	200	105	520	640	200	55	M30	ZG1
800	800	12	1400	950	200	105	520	640	200	55	M30	ZG1
800	800	20	1400	950	200	105	520	640	200	55	M30	ZG1
800	1000	12	1600	1150	200	105	520	640	200	55	M30	ZG1
800	1000	20	1600	1150	200	105	520	640	200	55	M30	ZG1
800	1000	27	1700	1150	200	105	520	640	200	55	M30	ZG1
800	1200	12	1850	1400	200	105	520	640	200	55	M30	ZG1
800	1200	20	1850	1400	200	105	520	640	200	55	M30	ZG1
800	1200	27	1850	1400	200	105	520	640	200	55	M30	ZG1
800	1400	20	2050	1600	200	105	520	640	200	55	M30	ZG1
800	1400	27	2050	1600	200	105	520	640	200	55	M30	ZG1
800	1400	40	2050	1600	200	105	520	640	200	55	M30	ZG1
1000	1000	12	1650	1150	270	160	620	750	250	75	M30	ZG1
1000	1000	20	1650	1150	270	160	620	750	250	75	M30	ZG1
1000	1000	27	1650	1150	270	160	620	750	250	75	M30	ZG1
1000	1000	40	1650	1150	270	160	620	750	250	75	M30	ZG1
1000	1200	12	1850	1400	270	160	620	750	250	75	M30	ZG1
1000	1200	20	1850	1400	270	160	620	750	250	75	M30	ZG1
1000	1200	27	1850	1400	270	160	620	750	250	75	M30	ZG1
1000	1200	40	1850	1400	270	160	620	750	250	75	M30	ZG1
1000	1400	20	2100	1600	270	160	620	750	250	75	M30	ZG1
1000	1400	27	2100	1600	270	160	620	750	250	75	M30	ZG1
1000	1400	40	2100	1600	270	160	620	750	250	75	M30	ZG1
1000	1400	52	2100	1600	270	160	620	750	250	75	M30	ZG1
1250	800	52	1500	950	300	150	750	900	290	75	M36	ZG1
1250	1000	52	1650	1150	300	150	750	900	290	75	M36	ZG1
1250	1200	40	1900	1400	300	150	750	900	290	75	M36	ZG1
1250	1200	66	1900	1400	300	150	750	900	290	75	M36	ZG1
1250	1400	40	2100	1600	300	150	750	900	290	75	M36	ZG1
1250	1400	66	2100	1600	300	150	750	900	290	75	M36	ZG1
1400	1000	66	1650	1150	300	150	750	900	290	75	M36	ZG1
1400	1200	80	1900	1400	300	150	750	900	290	75	M36	ZG1
1400	1400	80	2100	1600	300	150	750	900	290	75	M36	ZG1

BRAKE SELECTION

Roller diameter	Model of backstop	Backstop moment Te/KN*m	Maximum allowable belt speed
630	NJ16	16	3.5m/s
	NJ25	25	3.5m/s
800	NJ25	25	4.2m/s
1000	NJ38	38	5m/s
	NJ50	50	4.2m/s
	NJ90	90	3.15m/s
1250	NJ125	125	3.15m/s
	NJ180	180	3.15m/s
	NJ270	270	3.15m/s
	NJ320	320	3.15m/s
1400	NJ125	125	3.6m/s
	NJ180	180	3.6m/s
	NJ270	270	3.6m/s
	NJ320	320	3.6m/s
	NJ320	320	4.2m/s
1600	NJ520	520	4.2m/s

Selection of air-cooled roller backstop

滚筒直径	逆止器型号	逆止力矩 Te/KN*m	最大允许带速
630	NJ18	18	3.15m/s
800	NJ40	40	4m/s
1000	NJ68	68	4m/s

Universal brake-75kW and below

L-type electro-hydraulic disc brake

L-type electro-hydraulic disc brake

roller diameter (mm)	Minimum brake disc diameter (mm)	Maximum braking torque (KN.M)
500	800	12.8
630	950	14.7
800	1100	16.5
1000	1300	19.45

Roller special brake-90kW and above

H-type special hydraulic disc brake

H-type special hydraulic disc brake

滚筒直径 (mm)	制动盘最小直径 (mm)	1* 闸头制动 扭矩 KN.M	2* 闸头制动 扭矩 KN.M	3* 闸头制动 扭矩 KN.M
500	800	20	40	80
630	930	23	46	92
800	1100	28	56	112
1000	1300	34	68	136
1250	1550	42	84	168
1400	1700	48	96	192

THE PERMANENT MAGNET PULLEY DRIVE SYSTEM SELECTION MANUAL

OVERVIEW

Thank you for choosing Jiakuan brand frequency converter, which is a high-tech product integrating digital frequency conversion and speed regulation device and related heat dissipation technology. It provides power for Jiakuan brand motor and intelligent roller series products, and provides heavy load soft start, soft stop and running process control. Its products are classified as non-explosion-proof and explosion-proof.

SELECTION PRINCIPLE

These selections are based on the specific operating conditions and rated operating power. The main operating conditions are divided into the following categories:

- The working condition is emulsion pump, belt conveyor, air compressor, transfer motor and hydraulic pump station selected according to the heavy load application.
- Fan and water supply pump shall be selected according to general application.
- Other working conditions shall be determined by the technical personnel of the consulting company.

DRIVE MAIN CLASSIFICATION

(1) According to the service conditions, it can be divided into explosion-proof and non-explosion-proof. (2) According to the way of heat dissipation, it can be divided into air-cooled type and self-cooled type.

Explosion-proof:

- The altitude shall not exceed 1000m;
- The ambient temperature shall not exceed -10? to +50? ;
- The relative humidity of the environment is not more than 95%(25?);
- In the mine with the risk of explosion of methane explosive gas and coal dust;
- Where the vibration is less than 0.6g;
- Where there is no corrosive gas damaging metal and insulating materials;
- A place that prevents water from seeping in;
- Installation type: Class III;
- Pollution level: Level 3.

Non-explosion-proof:

- Various protection levels IP20, IP21, IP55
- The ambient temperature shall not exceed -10? to +50? , and the altitude shall not exceed 1000m;
- Avoid installation in dark direct light, damp and watery places;
- Avoid being installed in places with corrosive, inflammable and explosive gases in the air;
- Where the vibration is less than 0.6g;
- Avoid installing in places with oil and dust;
- If only the movement is ordered, it should be noted that the movement is the product installed in the cabinet and needs to be installed in the final system. The final system should provide the corresponding fire-proof enclosure, electrical protection enclosure, mechanical protection enclosure, etc., and meet the requirements of local laws and regulations and relevant IEC standards.

Air-cooled: all non-explosion-proof products and explosion-proof products with power > 75KW
Self-cooled type: explosion-proof product power < 75KW

A FEW EXPLANATIONS

(1) Jiakuan brand driver supports 1-75Hz frequency output by default. Please consult the technician if you need out of range frequency conversion function.
 (2) Jiakuan brand driver only supports Jiakuan brand motor and intelligent roller by default, and its internal driving algorithm is optimized for Jiakuan brand motor and intelligent roller.

DEFINITION OF JIAKUAN BRAND INTELLIGENT DRIVE MODEL

Non-explosion-proof inverter model: JXS — BP — F (1 2) AA BB CC X — BP B/J — AA / BB — CC — X
 Explosion-proof inverter model: BP B/J — AA / BB — CC — X

Code	explain	Code	explain
JXS	Jiangsu Jiakuan Intelligent Industrial Technology Co., Ltd	AA	Power (see attached table)
BP	Smart drive products	BB	Voltage (select one only)
F	Non-explosion-proof: type 1, in-depth cooperation with international brand ABB Non-explosion-proof: type 2, in-depth cooperation with domestic first-line brands	CC	Application condition (select one only)
B	Flameproof type	X	Accessories (multiple options)
J	Flameproof and intrinsically safe type		Only fill in the data confirmation form. Not shown on the model nameplate

BB : 38 : 380V * 66 : 660V 11 : 1140V * ;
 CC : Emulsion pump: RH; belt conveyor: PD; air compressor: KY; transfer motor: ZZ; hydraulic pump station: YY; fan: FJ;
 Water supply pump: sb;
 X : Cabinet: g *; external operation panel *: p; sensor: water pipe pressure sensor: l; liquid level sensor: y; gas sensor: W;
 Wind speed sensor: F; carbon monoxide sensor: C; ultra remote communication control *: H; ultra remote power transmission *: K;

* Note: 380V only for non explosion-proof F1 / 2 type note: 1140V only for explosion-proof B type
 * Note: Standard for explosion-proof type, cabinet is explosion-proof enclosure
 * Note: the communication distance is more than 50m
 * Note: the distance between explosion-proof motor and driver is more than 300m; the distance between non explosion-proof motor and driver is more than 200m

Non-explosion-proof: F1
Voltage: 380 V

Selection label		AA				G :	
Application condition	General load		Heavy load		Core size	Core weight	Non-custom cabinet size
Serial number	Power	Electric current	Power	Electric current	High*width*depth	KG	高*宽*深度 (mm) High*width*depth
1	15	30	11	25	420*172*256	9.4	2200*800*600
2	18.5	36	15	32			
3	22	43	18.5	38			
4	30	58	22	45			
5	37	68	30	61			
6	45	83	37	72			
7	55	100	45	87			
8	75	138	55	105			
9	90	161	75	145			
10	110	196	90	169			
11	132	234	110	206			
12	160	278	132	246			
13	200	345	160	293			
14	200	400	200	363			
15	250	485	200	361			
16	315	575	250	429	1541*350*506	161	2200*1000*800
17	355	634	250	477			
18	400	715	315	566			
19	450	810	355	625			
20	500	865	400	725			
21	630	1167	500	878			
22	900	1570	710	1274			
22	900	1570	710	1274	1541*700*506	322	

Voltage: 660 V

Selection label		AA				G :	
Application condition	General load		Heavy load		Core size	Core weight	Non-custom cabinet size
Serial number	Power	Electric current	Power	Electric current	High*width*depth	KG	High*width*depth
1	15	17	11	14.2	596*203*333	19.3	2200*1350*800
2	18.5	21	15	18			
3	22	25	18.5	22			
4	30	33	22	26			
5	37	40	30	35			
6	45	47	37	42			
7	55	58	45	49			
8	75	80	55	61			
9	90	93	75	84			
10	110	113	90	98			
11	132	135	110	119			
12	160	165	132	142			
13	200	200	160	174			
14	250	257	200	210			
15	315	320	250	255			
16	355	360	315	325	1541*350*506	161	2200*1350*800
17	400	420	350	360			
18	400	415	355	360			
19	450	455	400	415			
20	500	505	450	455			
21	560	571	500	505			
22	630	630	560	571			
23	710	705	560	571			
24	800	791	630	678	1541*700*506	322	
25	1000	1051	900	929			
26	1200	1297	1000	1051			
26	1200	1297	1000	1051	1741*700*506	400	

Non-explosion-proof: F2
Voltage: 380 V

Selection label		AA				G :	
Application condition	General load		Heavy load		Core size	Core weight	Non-custom cabinet size
Serial number	Power	Electric current	Power	Electric current	High*width*depth	KG	High*width*depth
1	15	32	11	25	280*180*170	4.3	2200*800*600
2	18.5	37	15	32	350*210*192	9.1	
3	22	45	18.5	37	400*250*220	17.5	
4	30	60	22	45			
5	37	75	30	60			
6	45	91	37	75	542*300*275	35	
7	55	112	45	91			
8	75	150	55	112	580*338*315	51.5	
9	90	176	75	150			
10	110	210	90	176			
11	132	253	110	210	915*400*320	85	
12	160	304	132	253			
13	200	377	160	304	1134*360*500	110	
14	220	426	200	377			
15	250	465	220	426	1284*390*545	155	
16	280	520	250	465			
17	315	585	280	520	1405*400*545	185	
18	355	650	315	585			
19	400	725	355	650			
20	450	820	400	725			

Explosion-proof: B
Voltage: 660 V

Selection label		AA				G :	
Application condition	General load		Heavy load		Core size	Core weight	Non-custom cabinet size
Serial number	Power	Electric current	Power	Electric current	High*width*depth	KG	High*width*depth
1	55	65	45	43		1050	1350*1470*800+450 Heat dissipation
2	75	86	55	65			
3	90	100	75	86			
4	110	120	90	100			
5	132	150	110	120			
6	160	175	132	150		1730	1450*1630*800+480 Heat dissipation
7	200	215	160	175			
8	220	245	200	215			
9	250	260	220	245			

Voltage: 1140 V

Selection label		AA				G :				
Application condition	General load		Heavy load		Core size	Core weight	Non-custom cabinet size			
Serial number	Power	Electric current	Power	Electric current	High*width*depth	KG	High*width*depth			
1	55	37	45	30		1370	1460*1350*800+450 Heat dissipation			
2	75	50	55	37						
3	90	59	75	50						
4	110	70	90	59						
5	132	91	110	70						
6	180	117	132	91					1370	1350*1730*800+480 Heat dissipation
7	200	130	180	117						
8	220	148	200	130						
9	250	157	220	148						
10	315	200	250	157					1730	1390*2000*950+650 Heat dissipation
11	355	226	315	200						
12	400	248	355	226						
13	450	281	400	248						

ORDER DATA SHEET

Order number		Sales leader	
Customer full name		Customer technical contact / telephone	
Contact mailbox		Equipment name	
Installation site		JASUNG Intelligent Roller Model	
Nameplate marking requirements			
Original power		Single service voltage 380 V 660V 1140	
Explosion-proof requirement		Rated current	
Yes No			
Conveyor belt width		Tape speed	
Conveyor inclination angle		Drum length	
Conveyor length		Lifting height	
Overload multiple of drum		Ambient temperature Highest _____ Lowest _____	
Times (default 2.2 times)			
Brake		Lock brake <input type="checkbox"/> Lock brake <input type="checkbox"/>	
Yes No		Original braking mode	
Original brake power source		Hydraulic pressure <input type="checkbox"/> Electromagnetic + mechanical <input type="checkbox"/> Machinery <input type="checkbox"/>	
Backstop		Whether the drum is reversed Yes No	
Yes No		Original main cable outer diameter	
Trumpet number		Standard 2 Other requirements	
Drum wrapping requirements		Ceramic <input type="checkbox"/> Non-ceramic coating <input type="checkbox"/>	
Drum cooling mode		Natural cooling (below 22KW) <input type="checkbox"/> Forced air cooling <input type="checkbox"/> Water cooling <input type="checkbox"/>	
Bearing brand		SKF <input type="checkbox"/> NTN <input type="checkbox"/> FAG <input type="checkbox"/> OHa axis <input type="checkbox"/>	
Water-cooled circulation system equipment		Yes No	
Air cooler equipment		Yes No	
(mm) Installation Space Size Requirements	A	Internal space on both sides of the rack.	
	B	Bearing seat center distance.	
	C	Bearing seat radial hole distance.	
	D	Fixed hole diameter.	
	E	Bearing seat axial hole distance.	
	F	Bearing seat.	
	ØD	Original drum diameter.	
	L	Original drum length.	
	Ød	Maximum allowable diameter	

Drive			
Jiaxuan drive model	Quadrant requirement	Two quadrant	Four quadrant
Whether the drive is explosion-proof	Yes No		
Control mode	Local-remote-(1, mode of communication: Modbus-Profinbus-2, remote switch control -). Description: after checking the "remote" option, check the communication mode (see "Standard Communication Control address detail list" in the instructions for use), or provide remote switch quantity details. Includes start-stop control (two-wire control-/ three-wire control -), reset control (normally closed control-/ normally open control -), acceleration and deceleration (switch-/ analog -), positive and negative rotation (yes / no -). Other requirements. The default includes failure, operation instructions.		
Distance between motor and driver.	_____		
Is it equipped with power cable.	Yes Model	Length	No
Multi-drive synchronization.	Yes No		
Positive and negative function.	Yes No		
Distance between remote control point	_____		
Allowable voltage fluctuation range.	The default 85% 110% can be stable output, out of range need to be described		
Cooling vulnerable fittings	Yes No	Drive overload multiple	Times (default 1.5 times, 30s)
Non-explosion-proof Drive cabinet. Whether it is equipped or not	Yes No	Box size	height × width × depth Data must be provided for the special size of the box.
		Exit keyboard + line	Yes No
		Output reactor	Yes No Recommended installation of drum and drive wiring distance of more than 200 m
		Input filter	Yes No More than 90KW inverter installed
		Incoming switch	Yes No
		Electric energy meter (installed on cabinet surface)	Yes No
Other additions and customer requirements			