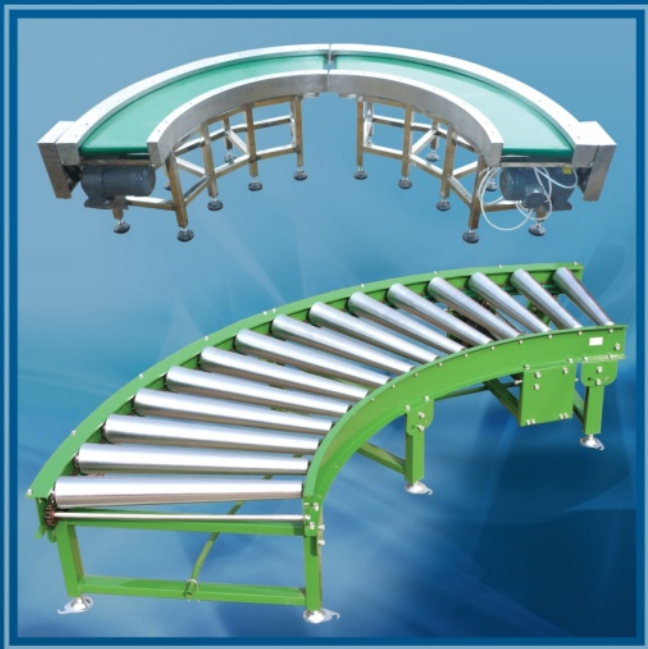




HRD LOGISTIC SOLUTIONS

CONVEYOR SYSTEM



Rollers

Conveyors

HRD-PRODUCTS

www.hrd-automatic.com

A Division and Trademark of CMEC SUZHOU

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COMPANY OVERVIEW

General

HRD Automatic is a division of CMEC Group Suzhou Co. Ltd. As a leading state-owned company, we are committed to presenting our customers with the best automatic solutions of storage and logistic demands. Whether you are seeking for material handling products or turnkey solutions provider, please contact us right now.

Products

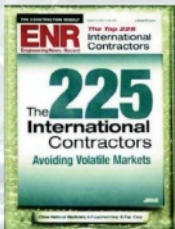
We serve the world market with a wide range of logistic systems with the highest quality standards at competitive prices. Our factory is supported with a modern product line and a group of rich experienced engineers since 1996. The equipments and service we can provide include: all kinds of conveyor rollers and CE approved conveyors.

Solutions and Services

HRD believes there's no such thing as "one-size-fits-all" logistic solution. We not only sell the standard products, but also sell the solutions and services. In our group, we have a material handling institute in Beijing, which issues of most material handling standards in China. And, we have been cooperating with Chinese highest research organization-Chinese academy of sciences for many years. HRD has enough tech and service capability for current and future customers, after seven steps: Assess, Design, Engineer, Source, Finance, Install and Maintain, the finished project will serve customers with high reputation.

Certificate and Financial Support

In order to normalize our internal management and convince our customers, we are certified with ISO9001 standard and can provide first class bank reference. Meanwhile, we can issue all kinds of letters of guarantees from bank of china if the project amount reaches one million US dollars.



CATALOGUE



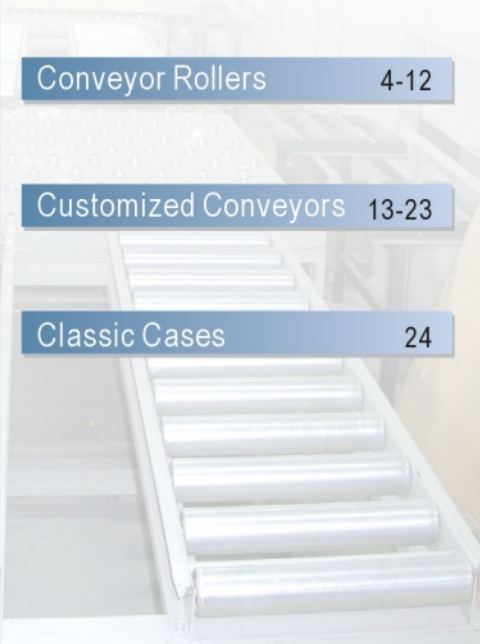
Company Overview

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Selection Guide

Roller Chapter

The roller mentioned in this brochure is specially used as the core part of roller conveyor. Prior to selecting a roller conveyor, we should select the roller first. Therefore, please collect the data of conveying object and calculate as follows:

1.Dimension of conveying object(Determine the roller width)

The roller width should be suitable for the different width of conveying objects. To ensure safe and smooth operation, the roller width is at least 50mm wider than object width(as figure 1). At the curved section, we should use the tapered roller, and the width of tapered roller is complied with

$$R_a = \sqrt{(R_t + W)^2 + (L/2)^2} - R + 50mm \quad (\text{as figure 2})$$

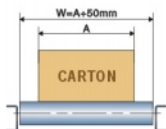


figure 1

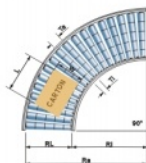


figure 2

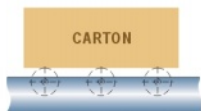


figure 3

2.Max unit weight of conveying object(Determine the tube and shaft size)

After confirmed the roller width, we should consider the required capacity of roller, which is limited to the bearing capacity, shaft deflection, tube deflection, or tube strength. With the following table, we can check the tube diameter, material thickness, and shaft diameter based on max unit weight of object.

Specification(mm)	Length(mm)	100	200	300	400	500	600	700	800	900	1000
Φ25x1.0-Φ8	Capacity(kgs)	80	70	60	60	50	40	30	20	10	10
Φ38x1.5-Φ12		130	120	110	100	90	80	70	60	40	30
Φ50x1.5-Φ12		180	160	140	130	120	100	90	80	70	50
Φ57x1.5-Φ12		200	180	160	150	140	120	110	100	90	70
Φ60x2.0-Φ12		280	260	240	220	210	200	180	170	160	150
Φ60x2.5-Φ15		320	300	280	260	250	240	220	210	200	180
Φ76x3.0-Φ20		380	360	340	320	300	290	280	270	260	240
Φ89x4.5-Φ20		460	440	420	400	380	370	360	350	340	320

3.Bottom condition and Roller Pitch

A different bottom condition means different conveyor types. Generally, the roller conveyor is suitable for rigid flat bottom or carton/pallet packed objects. The object length should be at least 3 times of the length of roller pitch (as figure 3). If the objects are in inconstant form, please go to conveyor selection chapter or contact for our support to choose the right type for your case.

4.Required operation environment (Determine if any special treatment required)

Special operation environment (For instance, abnormal humidity, temperature, chemicals environment) requires extra processing, if object won't be conveyed under normal environment condition, please contact us for support

Selection Guide

5. Gravity or Powered

If the cargo is light duty and you decide to use economical conveyors, you can select the gravity rollers. Powered roller conveyor normally needs sprocket rollers and/or grooved rollers. The sprocket rollers are used for chain driven conveyor, and the spool conveyor requires the grooved rollers.

6. Mounting Methods



The rollers normally have 3 mounting methods (from left to right in the photo): spring shaft, threaded shaft and mortise shaft.

Spring Shaft:

These conveyor rollers contain a spring that is captured between one of the bearings and a dimple on the shaft. When pushed on one end the shaft will slide through the roller allowing for insert into the frame.

Threaded Shaft:

The roller can be fixed on the frame by bolts through the female thread on the shaft. This mounting method can promote the whole system stability.

Mortise Shaft:

This mounting method is normally used for quarry engineering conveyors. The roller can directly be inserted into the frames, and can be easily removed. But it requires punched groove on the frames, which will bring more cost.

Conveyor Chapter

With the mentioned information, you can decide main parameters of the gravity conveyor. If you would like to use powered conveyor, we still have the following two issues to discuss:

1. How to decide the conveying speed?

Before calculating the conveyor speed, we assume you need constant speed conveyor and all objects are well packed by rigid enough cartons. The carton span should be at least 2 times of the carton length. The required conveying speed can be calculated by this formula:

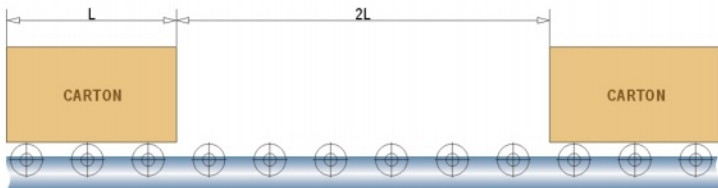
$$\text{Constant speed} = 3 \times \text{Length (carton)} \times \text{Qty (required quantity per minute)}$$

Sample case:

The cargo size is 300x500mm (W x L), we need the conveyor to transport at least 10 cartons per minute.

$$\text{Span} = 2 \times 500\text{mm} = 1000\text{mm}$$

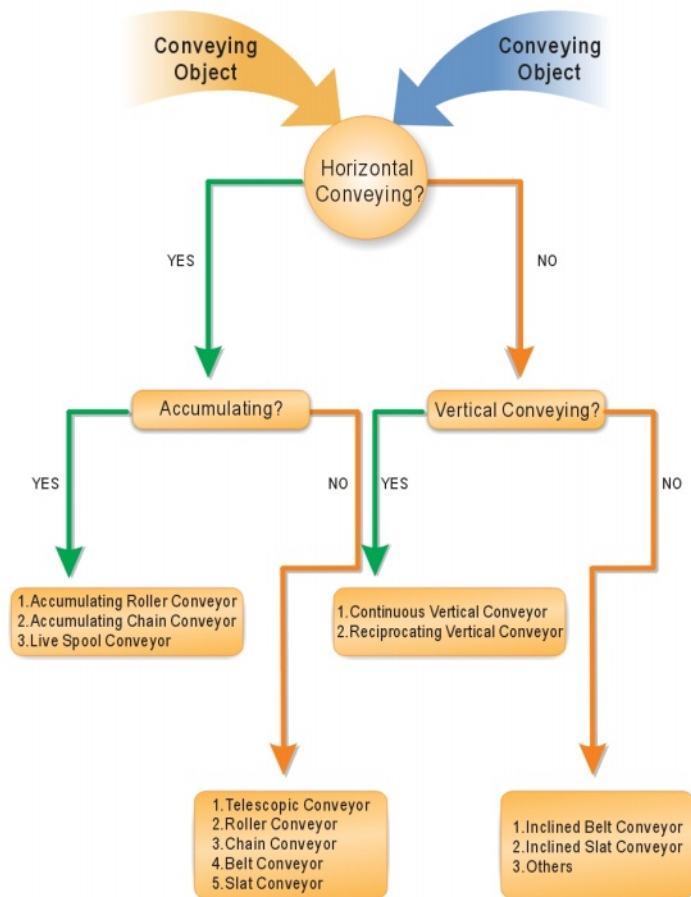
$$\text{Constant Speed} = 3 \times 500\text{mm} / \text{pcs} \times 10\text{pcs/min} = 15\text{m/min}$$



Selection Guide

2.How to select between the conveyor types?

We are drawing an easy flow chart for fast response selection. After going through this chart,you will have a main idea with your conveyor type.



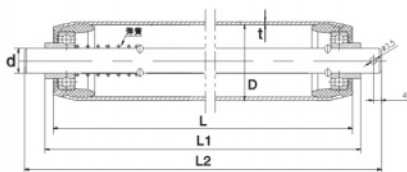


Roller Chapter

- Gravity Rollers
- Sprocket Rollers
- Grooved Rollers

Conveyor Rollers

Gravity Rollers(A Series)



Model:ARP Series

Structure: Use precise bearing and steel bearing chock

Characteristic: Quiet, durable and high speed adaptable

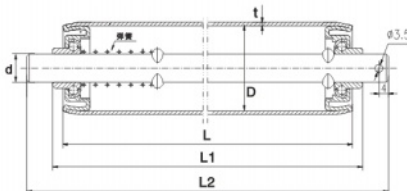
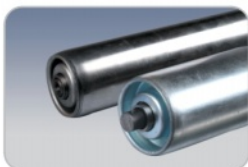
Purpose: Suitable for light, medium duty roller conveyors and high speed running machines

Material: Carbon Steel / Stainless Steel / Aluminum Alloy / Engineering Plastic

Surface: Galvanized / Chromed / Rubber Casting / Plastic Coated

Standard Specification(in mm):

Tube Diameter	Shaft diameter	Thickness (t)	L	L1
Φ25	Φ8	1.0	50-800	L+8
Φ38	Φ12	1.5	50-1200	L+8
Φ50	Φ12	1.5	50-1500	L+11
Φ60	Φ12	2.0	50-1500	L+10



Model:ARS Series

Structure: Use precise bearing and steel bearing chock

Characteristic: Large capacity, low noise, durable

Purpose: Suitable for medium, heavy duty roller conveyors

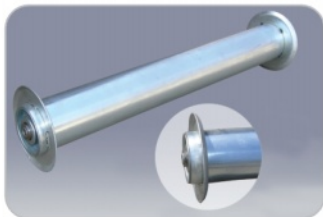
Material: Carbon Steel / Stainless Steel / Aluminum Alloy

Surface: Galvanized / Chromed / Rubber Casting / Plastic Coated

Standard Specification(in mm):

Tube Diameter	Shaft diameter	Thickness (t)	L	L1	L2
Φ38	Φ12	1.5	50-1500	L+8	L+30
Φ42	Φ12	1.5	50-1500	L+8	L+30
Φ50	Φ12	1.5/2.0	50-1500	L+8	L+30
Φ57	Φ12	1.5	50-1500	L+8	L+30
Φ60	Φ12	1.5/2.0	50-1500	L+8	L+30
Φ60	Φ15	2.0/3.0	50-1500	L+8	L+30
Φ76	Φ20	3.0/4.0	50-2000	L+8	L+40
Φ89	Φ20	3.0/4.0	50-2000	L+8	L+40
Φ108	Φ20	4.0	50-2000	L+8	L+40

Conveyor Rollers



Model: ARP (G)/ARS (G) Series

Structure: Use precise bearing and steel bearing chock

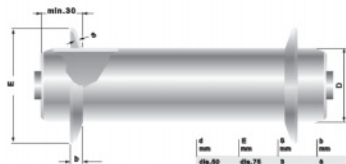
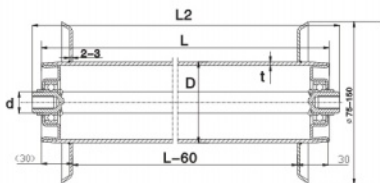
Characteristic: Large capacity, low noise, drop off proof

Purpose: Suitable for medium, heavy duty roller conveyors

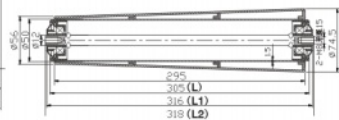
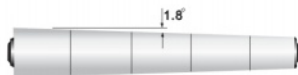
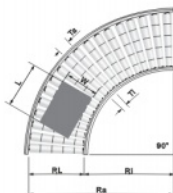
Material: Carbon Steel / Stainless Steel

Surface: Galvanized / Rubber Casting

Standard Specification (in mm):



Tube Diameter	Shaft diameter	Thickness (t)	L
Φ50	Φ12	1.5/2.0	100-1500
Φ60	Φ12/Φ15	2.0/3.0	100-1500
Φ76	Φ20	3.0/4.0	100-2000
Φ89	Φ20	3.0/4.0	100-2000



Model: ARPT Series

Structure: Use precise bearing and engineering plastic sleeve

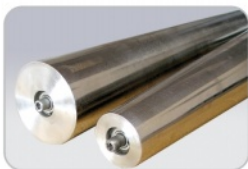
Characteristic: wearproof, wetproof, durable

Purpose: Suitable for medium duty curved roller conveyors

Standard Specification (in mm):

Small End	Taper	Big End					
		L=200	L=300	L=400	L=500	L=600	L=700
Φ38	3.6°	50.6	56.9	63.2	69.5	75.8	82.1
Φ50		56	68.9	75.2	81.5	84.8	94.1

Conveyor Rollers



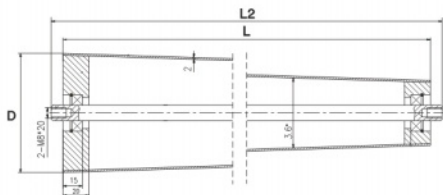
Model: ARST Series

Structure: Use precise bearing and tapered steel tube

Characteristic: Large capacity, low noise, durable

Purpose: Suitable for gravity curved roller conveyors

Standard Specification(in mm):



Small End	Taper	Big End					
		L=200	L=300	L=400	L=500	L=600	L=700
Φ50	3.6°	62.6	68.9	75.2	81.5	87.8	94.1

Sprocket Rollers(L Series)



Model:LRDS Series

Structure:Use precise bearing and steel sprocket

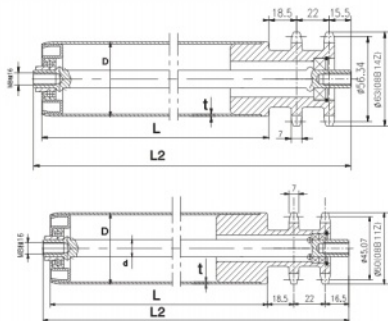
Characteristic: Large capacity, low noise, durable

Purpose: Suitable for chain driven conveyors

Material: Carbon Steel / Stainless Steel / Aluminum Alloy

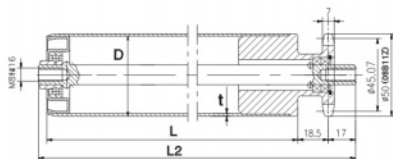
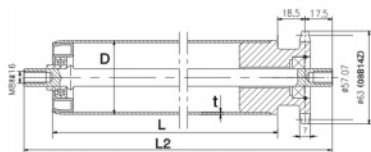
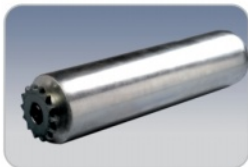
Surface: Galvanized / Chromed / Rubber Casting / Plastic Coated

Standard Specification(in mm):



Tube	Diameter	Shaft diameter	Thickness (t)	Sprocket	L
Φ38		Φ12	1.5	06B11T/13T	100-1200
Φ42		Φ12	1.5	06B11T/13T	100-1200
Φ50		Φ12	1.5/2.0	08B11T/14T	100-1500
Φ57		Φ12	1.5/2.0	08B11T/14T	100-1500
Φ60		Φ12/Φ15	2.0/3.0	08B11T/14T	100-1500
Φ76		Φ20	3.0/4.0	10A13T	100-2000
Φ89		Φ20	3.0/4.0	10A13T	100-2000
Φ108		Φ20	4.0	10A13T	100-2000

Conveyor Rollers



Model:LRSS Series

Structure: Use precise bearing and steel sprocket

Characteristic: Large capacity, low noise, durable

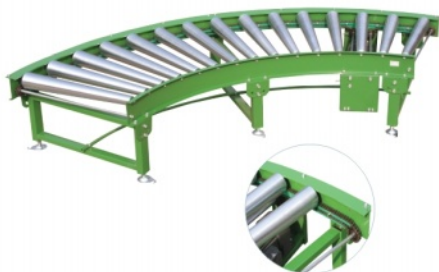
Purpose: Suitable for chain driven conveyors

Material:Carbon Steel / Stainless Steel / Aluminum Alloy

Surface:Galvanized / Chromed / Rubber Casting / Plastic Coated

Standard Specification(in mm):

Tube	Diameter	Shaft diameter	Thickness (t)	Sprocket	L
Φ38	Φ12	1.5	06B11T/13T	100-1200	
Φ42	Φ12	1.5	06B11T/13T	100-1200	
Φ50	Φ12	1.5/2.0	08B11T/14T	100-1500	
Φ57	Φ12	1.5/2.0	08B11T/14T	100-1500	
Φ60	Φ12/Φ15	2.0/3.0	08B11T/14T	100-1500	
Φ76	Φ20	3.0/4.0	10A13T	100-2000	
Φ89	Φ20	3.0/4.0	10A13T	100-2000	
Φ108	Φ20	4.0	10A13T	100-2000	



Conveyor Rollers



Model:LRSP/LRDP Series

Structure:Use precise bearing and wearproof engineering plastic sprocket

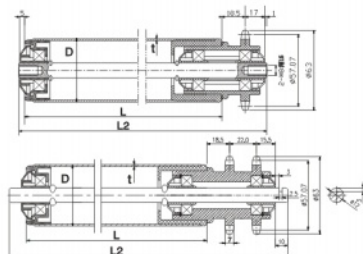
Characteristic:Wetproof,low noise

Purpose:Suitable for chain driven conveyors

Material:Carbon Steel / Stainless Steel / Aluminum Alloy / Plastic coated

Surface:Galvanized / Chromed / Rubber Casting / Plastic Coated

Standard Specification(in mm):



Tube Diameter	Shaft diameter	Thickness (t)	Sprocket	L
Φ50	Φ12	1.5/2.0	08B 11T/14T	100-1200
Φ60	Φ12	2.0/3.0	08B 11T/14T	100-1500



Model:LRSP(A)/LRDP(A) Series

Structure:Use precise bearing and wearproof engineering plastic sprocket

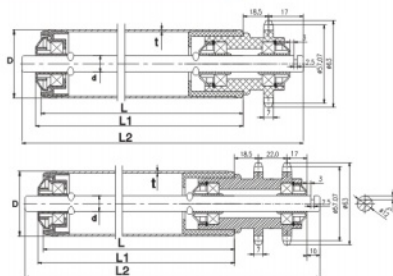
Characteristic:Wetproof,low noise

Purpose:Suitable for chain driven conveyors,Accumulating

Material:Carbon Steel / Stainless Steel / Aluminum Alloy / Plastic coated

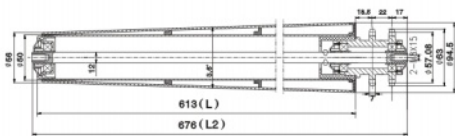
Surface:Galvanized / Chromed / Rubber Casting / Plastic Coated

Standard Specification(in mm):



Tube Diameter	Shaft diameter	Thickness (t)	Sprocket	L
Φ50	Φ12	1.5/2.0	08B 11T/14T	100-1200
Φ60	Φ12	2.0/3.0	08B 11T/14T	100-1500

Conveyor Rollers



Model:LRSP(A)/LRDP(A) Series

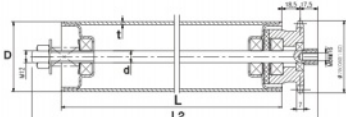
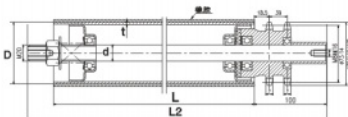
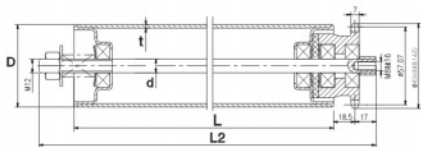
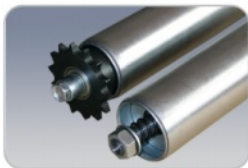
Structure: Use precise bearing and plastic sprocket

Characteristic: Low noise, durable, accumulating

Purpose: Suitable for buffer conveyors, medium duty curved conveyors

Standard Specification (in mm):

Small End	Taper	Sprocket	Shaft dia	Big End Diameter					
				L=200	L=300	L=400	L=500	L=600	L=700
Φ50	3.6°	62.6	68.9	62.6	68.9	75.2	81.5	87.5	94.1



Model:LRSS(A)/LRDS(A) Series

Structure: Use precise bearing and steel sprocket

Characteristic: Large capacity, low noise, durable, accumulating

Purpose: Suitable for chain driven conveyors

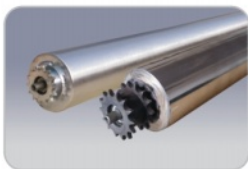
Material: Carbon Steel / Stainless Steel / Aluminum Alloy

Surface: Galvanized / Chromed / Rubber Casting / Plastic Coated

Standard Specification (in mm):

Tube Diameter	Shaft diameter	Thickness (t)	Sprocket	L
Φ50	Φ12	1.5/2.0	08B 11T/14T	100-1500
Φ60	Φ12/Φ15	2.0/3.0	08B 11T/14T	100-1500
Φ76	Φ76	3.0/4.0	10A 14T	100-2000
Φ89	Φ89	3.0/4.0	10A 14T	100-2000

Conveyor Rollers



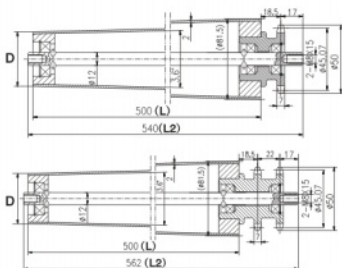
Model: LRSST(A)/LRDST(A) Series

Structure: Use precise bearing and steel sprocket

Characteristic: Large capacity, wearproof, low noise, durable, accumulating

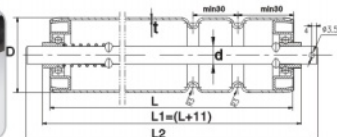
Purpose: Suitable for heavy duty curved roller conveyors

Standard Specification (in mm):



Small End	Taper	Sprocket	Shaft dia	Big End Diameter					
				L=200	L=300	L=400	L=500	L=600	L=700
Φ50	3.6°	08B14T	Φ12	54.6	60.9	67.2	73.5	79.8	86.1
Φ50		10A13T		62.6	68.9	75.2	81.5	87.5	94.1

Grooved Rollers (C Series)



Model: CRSS/CRDS Series

Structure: Use precise bearing and steel bearing chock, R type groove on tube

Characteristic: High conveying efficiency, extremely quiet, static charge proof

Purpose: Suitable for live spool accumulating conveyors

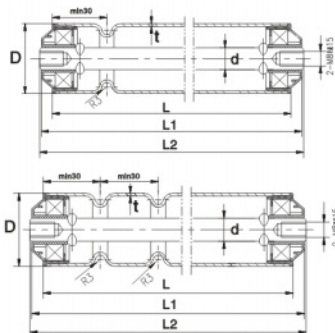
Material: Carbon Steel / Stainless Steel

Surface: Galvanized / Rubber Casting / Plastic Coated

Standard Specification (in mm):

Tube Diameter	Shaft diameter	Thickness (t)	L
Φ38	Φ12	1.5	100-1200
Φ50	Φ12	1.5/2.0	100-1200
Φ60	Φ12	2.0/3.0	100-1200

Conveyor Rollers



Model:CRSP/CRDP Series

Structure: Use precise bearing and plastic sprocket, R type groove on tube

Characteristic: High conveying efficiency, extremely quiet, static charge proof

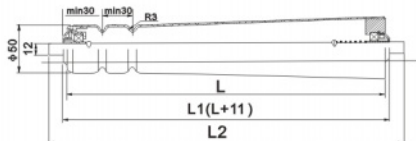
Purpose: Suitable for live spool accumulating conveyors

Material: Carbon Steel / Stainless Steel

Surface: Galvanized / Rubber casting / Plastic Coated

Standard Specification (in mm):

Tube Diameter	Shaft diameter	Thickness (t)	L	L1
Φ38	Φ12	1.5	100-1200	L+10
Φ50	Φ12	1.5	100-1200	L+11
Φ60	Φ12	2.0	100-1200	L+10



Model:CRSPT/CRDPT Series

Structure: Use precise bearing and plastic sprocket, R groove on tube

Characteristic: High conveying efficiency, extremely quiet, static charge proof

Purpose: Suitable for live spool accumulating curved conveyors

Material: Carbon Steel / Stainless Steel

Surface: Galvanized / Rubber Casting / Plastic Coated

Standard Specification (in mm):

Small End	Taper	Big End					
		L=200	L=300	L=400	L=500	L=600	L=700
Φ50	3.6°	62.6	68.9	75.2	81.5	87.8	94.1

Conveyor Chapter

- Telescopic Conveyors
- Roller Conveyors
- Live Spool Roller Conveyors
- Belt Conveyors
- Chain Conveyors
- Slat Conveyors
- Mesh Belt Conveyors
- Vertical Conveyors



Telescopic Conveyors



$L(\text{extended})=3 \times L(\text{original})$



Description:

The telescopic conveyors are widely used for light duty cargo transportation, truck and container loading, easy packing processing. Obviously it is flexible, mobile and omni-direction.

Characteristic:

- 1.Space saving: Extended length is normally 3 times of original, $L(\text{extended})=3 \times L(\text{original})$
- 2.Omni-direction: Easy to move and control the direction, can be used as 180° transfer
- 3.Multi-carriers: The carrier can be steel rollers or skatewheels
- 4.Powered type: Combined with Power or Power rollers, it can be powered conveyor.

Standard Specification(in mm,kg):

Type	Tube Diameter	Mini Length	Max Length	Unit Weight	Unit Capacity
SS-A	Φ38/Φ50	350	1150	20/25	45/55
SS-B	Φ38/Φ50	350/500	1150	20/25	45/55
SS-C	Φ38/Φ48	350	1150	15	30

Roller Conveyors

Description:

The gravity conveyors are widely used for indoor light and medium duty cargo transportation, easy packing processing. It has much better capacity than the telescopic conveyor.

Characteristic:

1. Economic and practical, high performance cost ratio.
2. Modular design, easy assembling
3. Multi roller types: suitable for multi situation



Description:

The single chain driven roller conveyors are widely used for indoor rigid flat bottom medium duty cargo transportation. The max loading capacity is normally 100kgs per meter.

Characteristic:

1. Economic and practical, high performance cost ratio.
2. Modular design, easy assembling
3. Reliable running, both forward and reverse transport are applicable
4. Accumulating function is applicable

Standard Specification(in mm,kg,m/min):

Drive Chain	Roller Dia	Roller Width	Roller Pitch	Frame	Length	Width	Height	Speed
08B/08A /10A	Φ38/Φ50/ Φ60/Φ76 /Φ89	100-1500	75/100/ 150/200	120°30'3 135°30'3 150°35'4	1000-15000	Roller+50	450-2000	max30

Roller Conveyors



Description:

The double chain driven roller conveyors are widely used for indoor rigid flat bottom medium and heavy duty cargo transportation. It is more smooth and reliable than the single chain driven type. The max loading capacity is normally 450kgs per meter.

Characteristic:

1. Large loading capacity
2. Modular design, easy assembling
3. Smooth and reliable running
4. Accumulating function is applicable

Standard Specification (in mm, kg, m/min):

Drive Chain	Roller Dia	Roller Width	Roller Pitch	Frame	Length	Width	Height	Speed
08B/08A /10A	Φ38/Φ50/ Φ60/Φ76 /Φ89	100-1500	75/100/ 150/200	90°30°3 120°30°3 150°40°4 180°50°5	1000-9000	Roller+190	450-2000	max25

Live Spool Roller Conveyors



Description:

The live spool roller conveyor is a clean, reliable, low noise and high speed design. The operation noise is normally 35% lower than other types'. Meanwhile, the max speed can be 60m/min. The live spool conveyor is widely used as diffluent and confluent part of logistic system.

Characteristic:

1. Clean and beauty structure
2. High speed and reliable
3. Low noise and quiet operation

Standard Specification(in mm):

Type	3815	5015
Drive Method	Chain(08B/08A/10A)	Chain(08B/08A/10A)
Roller Size	$\Phi 38(\text{Tube Dia}) \times T1.5 \times \Phi 12(\text{shaft dia})$	$\Phi 50(\text{Tube Dia}) \times T1.5 \times \Phi 12(\text{shaft dia})$
Roller Width	100-1000	100-1000
Roller Pitch	50/75/100/150/200	75/100/150/200
Frame Size	120x30x3	120x30x3
Sprocket	08B14T	08B14T
Length	1000-10000	1000-10000
Height	450-1000	450-1000
Power(kw)	0.1/0.2/0.4/0.75/1.5	0.1/0.2/0.4/0.75/1.5
Supply	AC 380V 3phases	AC 380V 3phases

Belt Conveyors



Description:

The light duty belt conveyors are designed for light duty cargo transportation. With the aluminum alloy frame, the self weight is pretty light. The max loading capacity is 80 kgs per meter

Characteristic:

1. Economic and practical, smart structure
2. Low noise, smooth transportation
3. SS frame is also available
4. Drive method: head drive/intermediate drive

Standard Specification(in mm) :

Type	Width	Length	Frame Height	Speed	Capacity	Power	Supply
A	100-400	500-2500	34/40	0-25m/min	10-30kgs	40-120W	AC220V
B	90-290	1000-3000	34/40	0-25m/min	10-50kgs	60-180W	AC220V
C	200-800	1000-6000	40/60/80	0-30m/min	10-80kgs	60-400W	AC220/380V



Standard Specification(in mm):

Length	Height	Width	Speed	Power(kw)
3000-20000mm	5-30° ,500	200-2000	15-36m/min	0.37-3

Belt Conveyors



Description:

The medium duty belt conveyors are designed for all kinds of medium duty cargo transportation, widely used for industrial assembling ,testing line. The max loading capacity is normally 120kgs per meter.

Characteristic:

- 1.Economic and practical,high performance cost ratio.
- 2.Modular design,easy assembling
- 3.Telescopic type is also available
- 4 Drive method:head drive/intermediate drive

Standard Specification(in mm):

Type	Width	Length	Frame Height	Speed	Capacity	Power	Supply
Medium	200-1200	300-12000	40/60/80	2.5-30m/min	10-120kgs	60-1100W	AC220/380V



Description:

The heavy duty belt conveyors are widely used for heavy duty cargo transportation. The max loading capacity is normally 2500kgs per meter.

Characteristic:

- 1.Large loading capacity
- 2.Modular design,easy assembling
- 3.Low noise,high transport efficiency
- 4 Drive method:intermediate drive

Standard Specification(in mm):

Type	Width	Length	Frame Height	Speed	Capacity	Power	Supply
Heavy	200-2000	1000-40000	30/40/50	0-50m/min	200-2500kg	750-3000W	AC220/380V

Chain Conveyors



Description:

The chain conveyors are designed for palletized cargo transportation. They are widely used to be part of AS/RS system. Good loading capacity, great performance. The max loading capacity is normally 2000kgs per meter.

Characteristic:

- 1.Simple structure, easy maintenance.
- 2.Palletized transportation
- 3.Compatible with vertical conveyors, curved conveyors and pallet collectors.

Standard Specification(in mm):

Material	Length	Height(min)	Chain	Capacity	Power(kw)
CC	25000	160	08B/10A/26A, etc	200-2000kgs	0.4-2.2

Double Plus Chain



Description:

Due to the double plus chain structure, the pallet speed can be several times of the chain. It has the accumulating effective and suitable for free beating production lines. The max loading capacity is normally 400kgs /m²

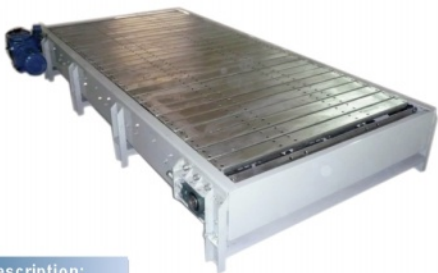
Characteristic:

- 1.Large loading capacity
- 2.Smooth speed and precise synchronous transportation
- 3.Suitable for foul working environment
- 4.Wide temperature scope:-20℃~+80℃

Standard Specification(in mm):

Width	Length	Capacity	Speed	Chain	Air	Power(kw)	Supply
350-1200	20m	400kgs/m ²	2-40m/min	2.5/3 times	>5kw/cm ²	0.25-2.2	AC 220/380V

Slat Conveyors



Description:

The steel slat conveyor is widely used in many industries, specially for heavy duty cargo transportation. It is normally used for heavy duty products final assembling and packing lines. The max loading capacity can be tons per unit.



Characteristic:

1. Heavy duty cargo transportation
2. Temperature scope: -20°C - 100°C



Description:

The plastic slat conveyor is widely used in drinking filling factories.

Characteristic:

1. Light duty smart transportation

Mesh Belt Conveyors



Description:

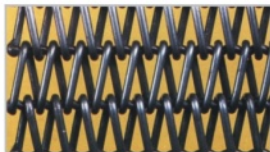
The mesh belt conveyor uses metal/plastic mesh as its carrier. It is widely used in food industries, specially in baking, dryness, refrigerant, heat treatment lines.

Characteristic:

1. Widely used in food industry
2. Large temperature scope: -20°C - 1200°C

Standard Specification (in mm):

Type	Metal Mesh	Plastic Mesh
Width	300-1000	200-800
Height	400-1500	min300
Length	1000-12000	100-10000
Capacity	10kg/m	10kg/m
Speed	5-20m/min	5-20m/min
Power(kw)	0.37/0.75/1.1/1.5	0.2/0.4/0.75



Vertical Conveyors



Description:

The vertical conveyor mainly has two types: continuous and reciprocating. The continuous type will continuously convey the pallet, it is suitable for point to point simple transportation. The reciprocating type is just like an elevator, which can realize multi layers and multi ports conveying.

Characteristic:

1. Realize vertical transportation

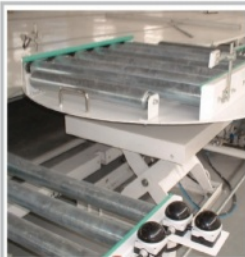
Standard Specification:

Capacity	50-250kgs per pallet
Vertical height	4-20 m
Speed	26m/min(continuous), 50m/min(reciprocating)
Drive	0.75kw AC 380V

Classic Cases



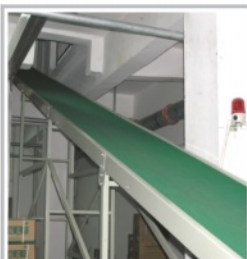
Telescopic Conveyor



Lift and Turn Table



Slat Conveyor



Inclined Belt Conveyor



Lift and Shuttle Table



A/C Line



3 Levels Belt Line



Piano Line



Carton Packing



Conveyor Rollers

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Belt Conveyors



Piano Line



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