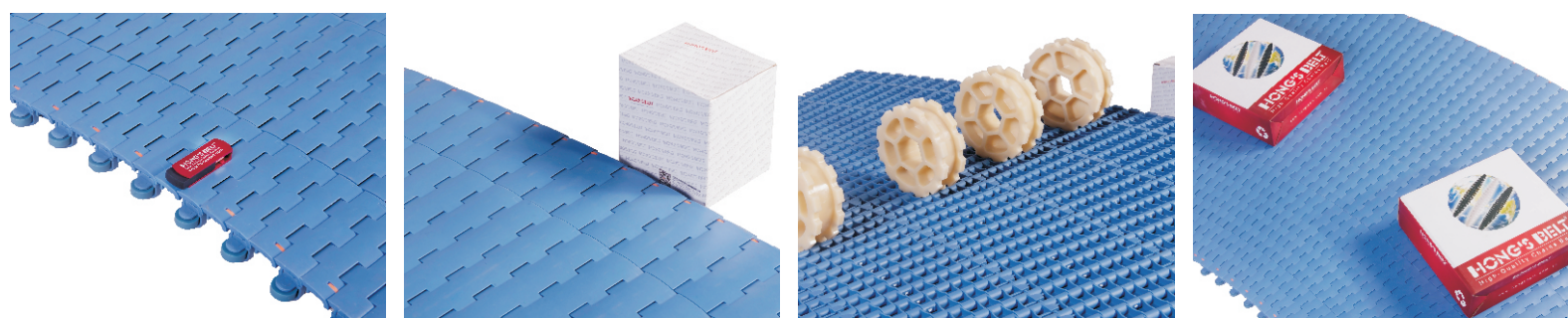
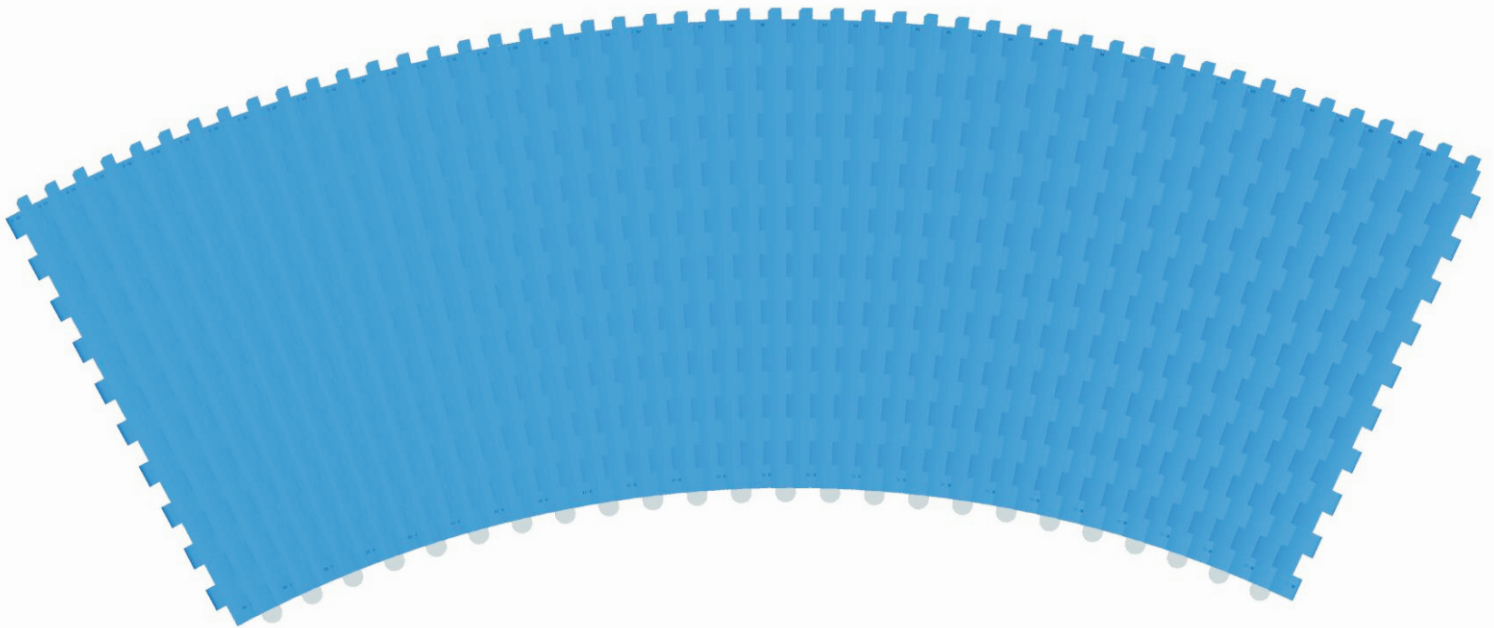


HS-8000A-RC Technical Data Sheet



Minimum Radius: 1000mm Minimum Width: 200mm Open Area: 0% Approved: FDA Rod: Ø 5.8mm Flight: No Side Guard: No Curve: Yes	
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Data

Belt Material	Belt Strength		Temperature		Belt Weight
	Straight		℃ (min.)	℃ (max.)	(Kg/M ²)
	Kg/M(BW)	N/M(BW)			
Polypropylene	3000	30000	1	100	7.7
Polyethylene	2000	20000	-60	60	7.9
Acetal	4000	40000	-40	80	11.6
Nylon	3000	30000	1	180	11.0
HK	3600	36000	-40	80	11.1
BW – Belt Width					

Color Table

Polypropylene					Polyethylene					Acetal					Nylon				
W	G	N	DB	B	W	G	N	DB	B	W	G	N	DB	B	W	G	N	DB	B
	●			●			●				●			●					●

W-White, G-Gray, N-Nature, DB-Dark brown, B-Blue (For more information of belt color, pls consult our sales team)

Friction Table

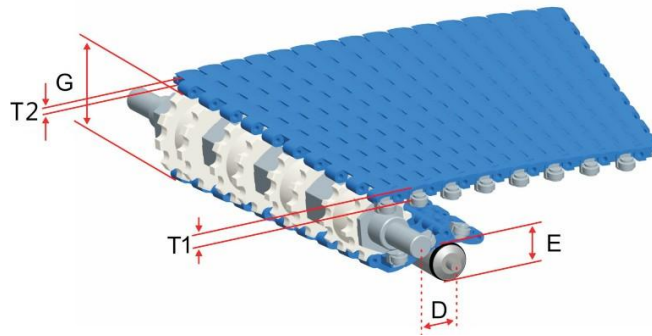
Belt Material	Friction Wear strips & Products							
	UHMW	HDPE	Steel	Glass	SUS	Plastic	Cardboard	Aluminum
Polypropylene	0.32	0.24	0.15	0.09	0.13	0.08	0.15	0.25
Polyethylene	0.13	0.11	0.26	0.19	0.31	0.16	0.21	0.41
Acetal	0.11	0.09	0.27	0.16	0.26	0.15	0.19	0.28
Nylon	0.18	0.13	0.25	0.16	0.26	0.16	0.19	0.27

SUS – Stainless Steel

Equivalent type with other Brand

Brand Name	Intralox	Habasit	UNI	Rexnord	MCC	ScanBelt
Series & Type	--	--	--	--	--	--

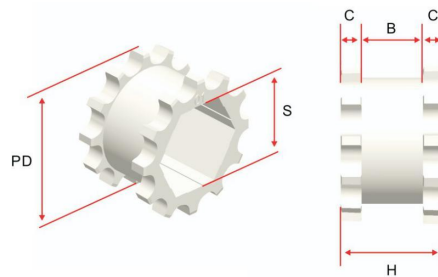
The above content is only for reference.



Conveyor Frame Dimensions

Unit : mm

No. Teeth	D (Min.)	E (Min.)	G	T1-T2
12	200	40	4.2°	14-17

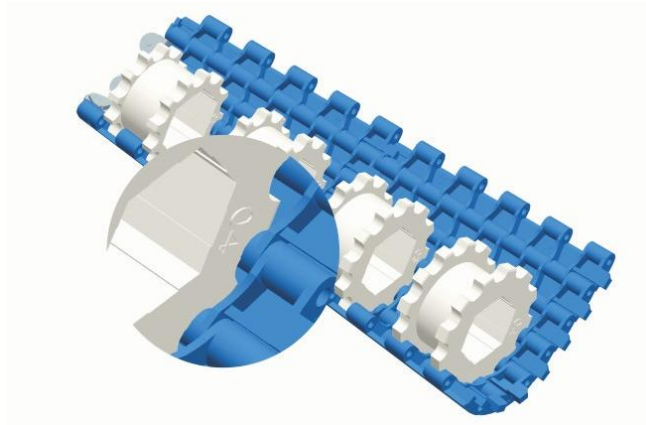


Sprocket Dimensions

Unit: mm

Belt Width	Sprocket No.	PD	OD	S	B	C	H
200	1	77	81.2	50	30	10	50
	2	84.4	88.3		30		
400	3	91.7	95.4		30		
	4	99.1	102.5		30		
600	5	106.4	109.6		30		
	6	113.8	116.7		30		
800	7	121.1	123.8		30		
	8	128.4	130.8		30		
1000	9	135.8	137.9		30		
	10	143.1	145		30		
1200	11	150.5	152.1		30		
	12	157.8	159.2		30		
1400	13	165.2	166.3		30		
	14	172.5	173.4		30		
1600	15	180.0	180.5		30		
	16	187.2	187.6		30		
1800	17	194.5	194.7		30		
	18	201.9	201.7		30		

Installation of sprockets



Please install the sprockets according to the graphical representation.

HS-8000A-RC Flat Top Radius Modular Conveyor Belt

HS-8000A-RC flat top radius modular conveyor belt is a brand new products designed for logistic industry by HONGSBELT. The minimum inside turning radius is 1000mm which would not change if the belt width change. With the minimum inside turning radius of 1000mm, the belt width could be 100mm, 200mm, 300mm, 400mm, 500mm to the largest belt width 1800mm.

Driving Mode of HS-8000A-RC

For turning conveyors installed with traditional PVC conveyor belt, the belt is fixed with unstable bearing parts, so the life time of it is very short and the structure of the conveying machine is large; At the same time, the belt is driven by smooth roller, so it is easy to slip, which causes the low tension force and usually affects the production.

HS-8000A-RC Flat Top Radius Modular Conveyor Belt is designed with module structure, and is driven by sprockets, which solves the slip of belt and ensure the belt in most stable condition in operation.

The bore of HS-8000A-RC sprocket is 41.5mm hexagon, it can be matched with 41mm standard hexagonal shaft, so it is easy to get and process the raw material, more importantly, this design solves the chordal action of quadrilateral shaft and brings more stable operation.

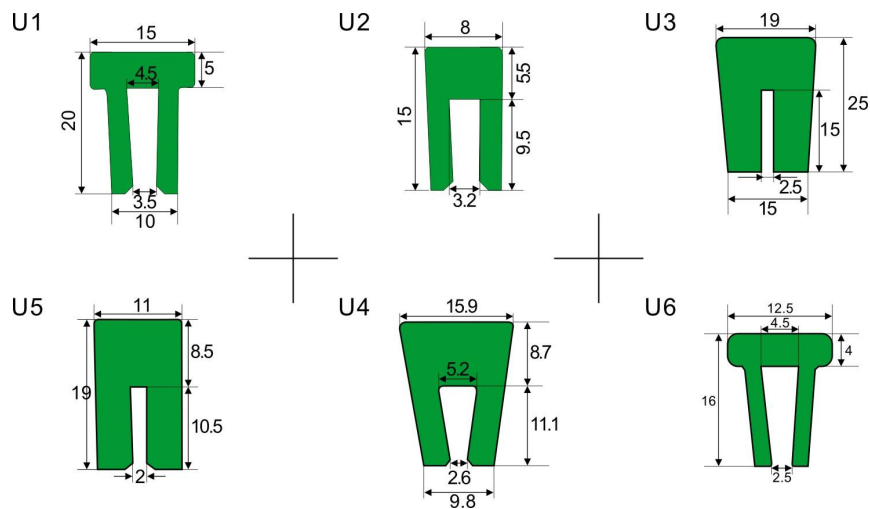
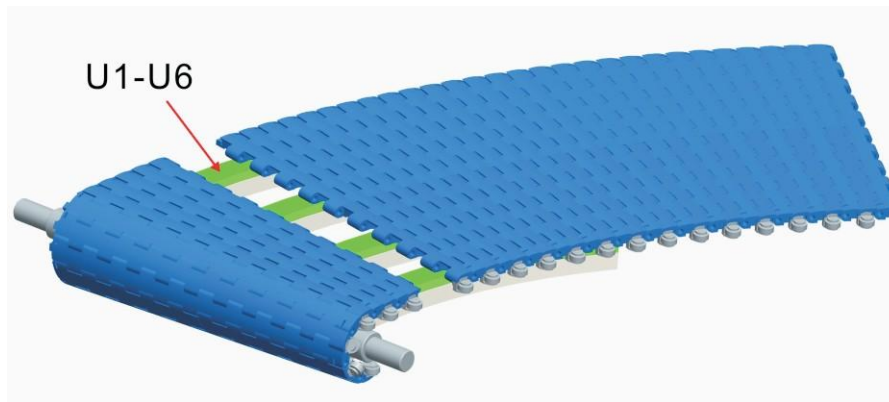
Advantages of HS-8000A-RC

HS-8000A-RC Flat Top Radius Modular Conveyor Belt is stable in operation, and because of its fixed structure design, straight sections are not need in driving end, which save the manufacturing cost and the space of conveying system.

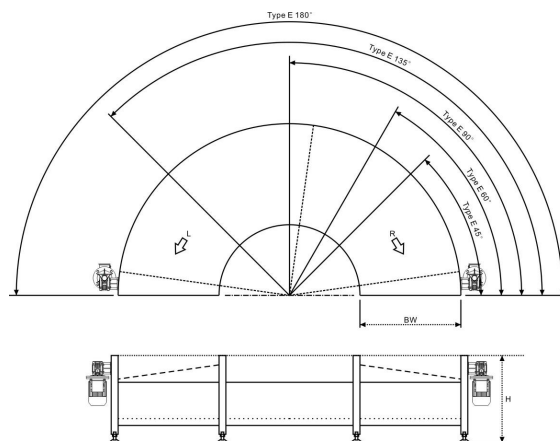
HS-8000A-RC Flat Top Radius Modular Conveyor Belt is made from Acetal, it can endure instant impact with low friction coefficient and high impact resistance, tensile strength of it is 10 times stronger than common radius PVC Conveyor belt.

HS-2000 A Flat Top Radius Modular Conveyor Belt is drive by sprockets, and can endure instant high-speed and big load capacity. It is widely used in Paper, Printing, Beverage, packaging industry etc. both for light-duty and heavy-duty conveying.

Guide Rail & Wear Strips



- We have different kinds of guide rail and wear strips for your choice; for more information, please consult our sales team.



1) Min. Inner Radius=1000mm, BW: 200mm 400mm 600mm 800mm 1000mm 1100mm 1200mm 1300mm 1400mm 1600mm 1800mm

2) Min. Inner Radius=1100mm, BW: 300mm 500mm 700mm 900mm 1000mm 1100mm 1200mm 1300mm 1500mm 1700mm