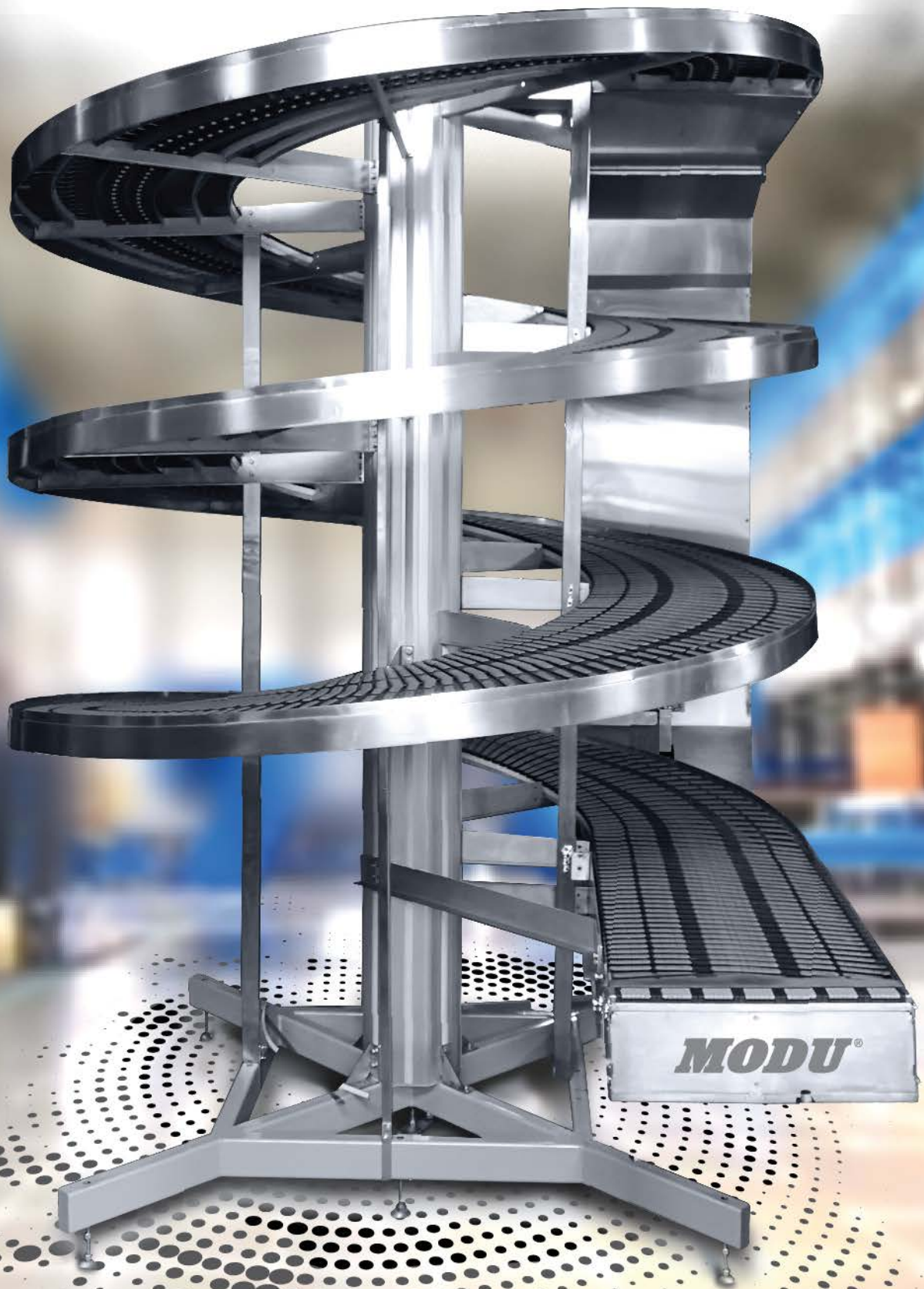


MODU[®]

SPIRAL CONVEYOR

Save Space & Increase Throughput



INNOVATIVE DESIGN

Simplicity in **MODU**'s Spiral conveyor design make the system reliable, flexible, safe and trouble-free in operation. **MODU**'s development in area of maintenance and installation includes automatic lubrication system (ALS) and tension adjustment.



■ Spiral Conveyor's Angle Guideline

Friction pad (TPE) should be added onto the standard chain for upwards/downwards conveying with incline/decline angle less than 25°.



■ Easy Maintenance

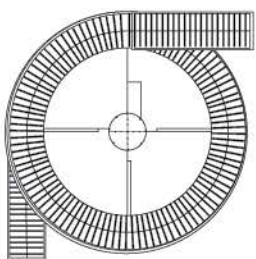
To supply products that is reliable and high in quality. Careful design measures have been considered so that the Spiral Conveyor will have low maintenance. Features like overload protection, automatic lubrication system (chain) and smart tension adjustment modules are integrated to ensure smooth operation.



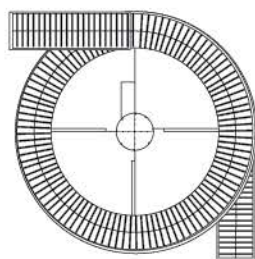
■ Conveyor Chain

Spiral Conveyor belt is made from composite plastic material, (PP / POM) which has good material characteristics such as high in rigidity, impact resistance and low in friction. The modular design of **MODU**'s spiral conveyor belt simplifies the maintenance and replacement task.

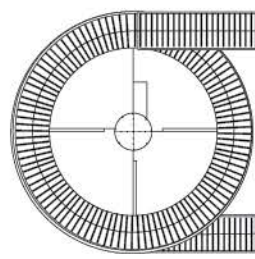
Available



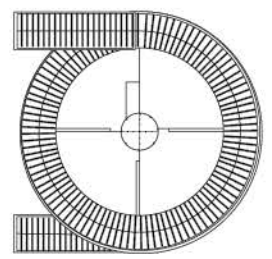
A



B



C



D



Economical Ownership
Innovative Design
Excellent Quality
Low Maintenance
Fast Delivery

■ Specification

Width		Outer Diameter (OD)		Chain Type	Pitch	Allowable Load	Allowable Speed	Operating Temperature
155 mm		1310 mm		Plain (P)	38.1 mm	40 kg/m	50 m/min	10°C - 60°C
220 mm		1440 mm						
400 mm		1800 mm		Friction (F)				
600 mm		2200 mm						



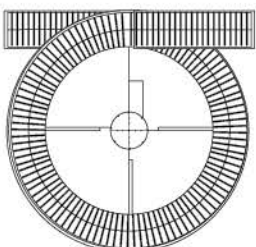
MODU
Spiral Conveyor



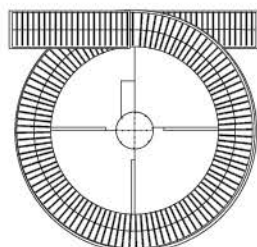
■ Spiral Conveyor Construction

MODU Spiral Conveyor can be constructed in either single lane or dual lane for the application of continuous and accumulation running.

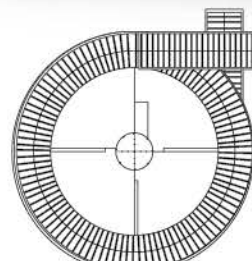
Configuration



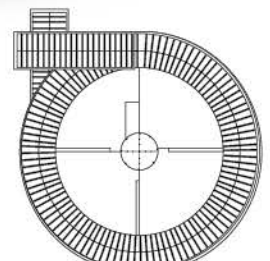
E



F



G



H

ORDERING GUIDELINES

Product Details

Length _____ mm Width _____ mm Configuration _____ (A - H)
 Height _____ mm Weight _____ kg Contact materials _____

Dimensions

H1 _____ mm (min 350mm)
 H2 _____ mm (min 1,250mm - max 10,000mm)

Spiral Belt Width : 155mm 220mm 400mm 600mm
 Belt Type : Plain Friction
 Spiral direction : Upwards Downwards

Application

Operating Temperature : _____ °C (10°C - 60°C)
 Voltage Current value : _____ V _____ Hz
 Maximum Speed : _____ m/min (max 50 m/min)
 Speed Adjustable : _____ m/min - _____ m/min
 Speed Constant : _____ m/min
 Specific Brand of Motor : No Specific Brand Specific Brand

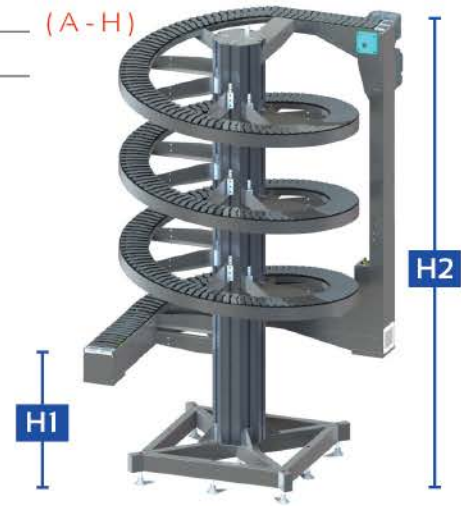
Spiral conveyor in standard build as

Aluminium centre column
 Stainless steel conveyor frame
 25 mm height stainless steel outer side guide (without inner side guide)

Other Requirements

Spiral Conveyor limitation

Allowable height of 10 meters
 Allowable layers of 10
 Allowable conveyor length of 60 meters




** Allowable ranges are depending on product size, weight, capacity / conveyor speed
 ** Please refer to MODU representative for further detail and assistance

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