

# Uni-Flex Curve Conveyor System



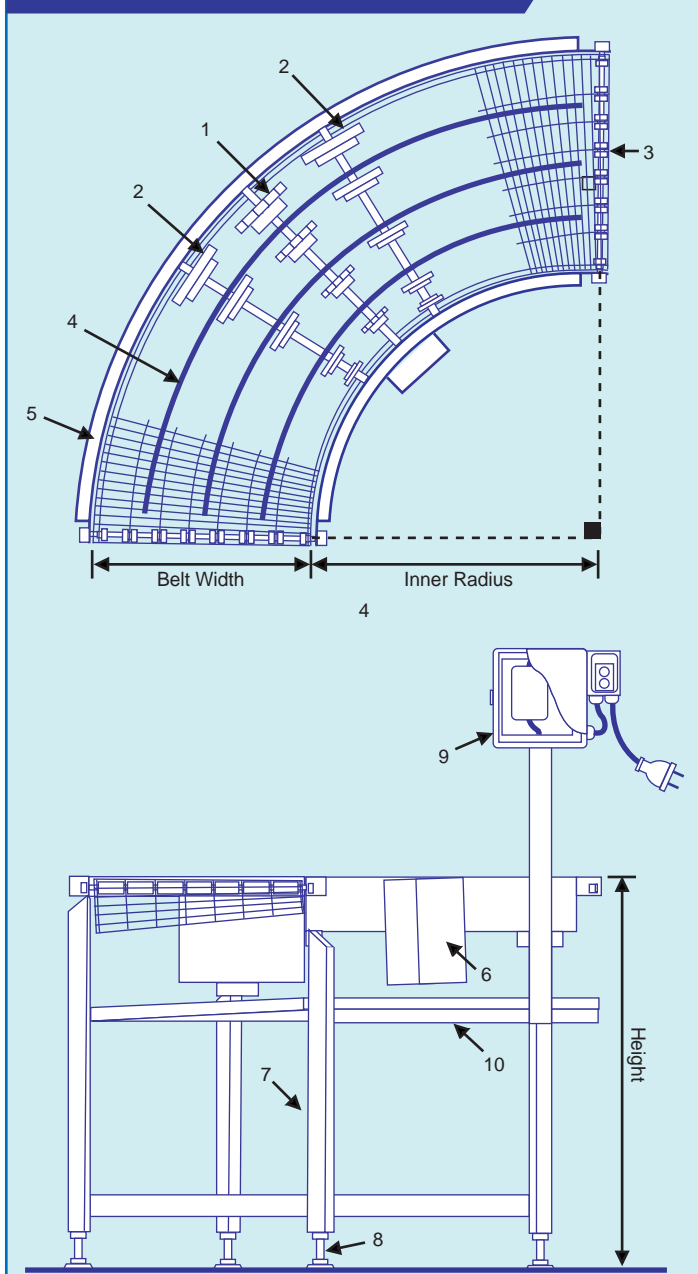
offers better solution for light weight and small product carrying in food production lines.

Uni-Flex curve conveyor system uses tapered pitch wire mesh belt runing by positive sprocket driven.

Frame and belt are made in staniless steel 304.  
Sprockets, related roller and wearstrip in Plastic material.



## 90 DEGREE COMPLETE CONVEYOR SYSTEM



No.	Parts Name	No.	Parts Name
1	Sprockets	6	Motor / Motor Cover
2	Take-up Rollers	7	Legs (Squaer pipes)
3	Transfer Rollers	8	Adjustable bolt
4	Wear Strip	9	Inverter and Switch Box
5	Frame	10	Drip Tray (Option)

## ADVANTAGES

**TIGHT LEVEL TRANSFER**  
small transfer can carry products smooth and easy at level



**SMALL INNER RADIUS**  
Inner radius requires same as belt width. This compact design helps better production line layout and solves space problem.



**EASE TO CLEAN**  
Large opening help to remove debris and wash down residue easily.



## STANDARD PRODUCT SPECIFICATION

(unit: mm)

Belt Width	Inner Radius	Trasnfer Roller Diameter	Height	Motor (Kw)
400	400	30 - 40	800 ± 50	0.1 - 0.2
600	600	30 - 40	800 ± 50	0.1 - 0.2

Curve angle: 90 degree or 180 dgree

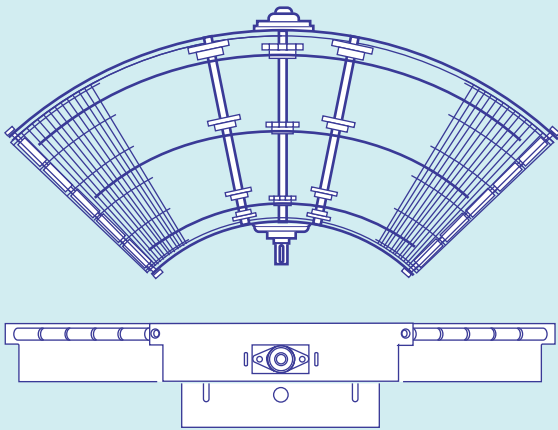
Turning Direction:  
Right (clockwise) or Left (counter clockwise)

Wire Diameter: 1.6mm or 1.8mm  
(1.8mm recommended to use for faster speed and relatively heavy product carrying.)

\*\*Besides the above standard specification, dimension (width and turn radius) meet request.  
Width available :from 250mm to 1,200mm wide

We also offer semi-completed curve conveyor system.

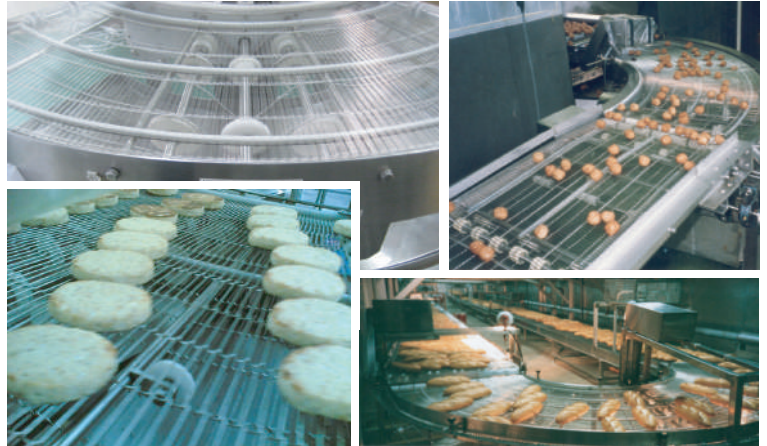
### SEMI - COMPLETE (UPPER FRAME)



Complete frame structure  
Excepting Motor, Inverter and Legs

Semi-completed conveyor includes assembled curve conveyor frame, shafts, driving components and belt.

The unit can be assemble with locally prepared motor, inverter and legs to make complete conveyor system.



## Uni-Flex Curve Belting



For replacement need and self-fabrication of curve conveyor system, we offer and supply Uni-Flex curve belting and specially designed tapered sprockets and take-up rollers.

### STANDARD BELT SPECIFICATION

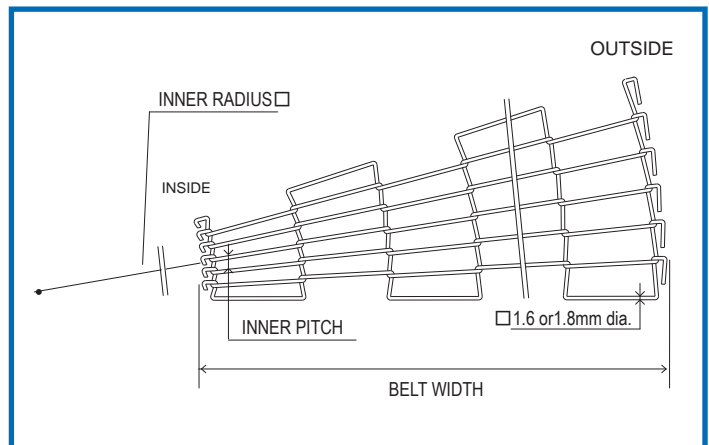
1.6 dia. x 6mm pitch x 5 spaces x 400W	Inner Radius:400mm
1.6 dia. x 6mm pitch x 9 spaces x 600W	Inner Radius:600mm
1.8 dia. x 7mm pitch x 5 spaces x 400W	Inner Radius:400mm
1.8 dia. x 7mm pitch x 9 spaces x 600W	Inner Radius:600mm

Curve angle: 90 degree or 180 degree

Turning Direction:  
Right (clockwise) or Left (counter clockwise)

Wire Diameter: 1.6mm or 1.8mm  
(1.8mm recommended to use for faster speed and relatively heavy product carrying.)

\*\*Besides the above standard specification,  
dimension (width and turn radius) meet request.  
Width available :from 250mm to 1,200mm wide



Globally known, European popular specification is also available to supply.

### EUROPEAN POPULAR BELT SPECIFICATION

1.4 dia. x 6.2mm pitch x 5 spaces x 400W	Inner Radius:800mm
1.4 dia. x 6.2mm pitch x 7 spaces x 600W	Inner Radius:800mm
1.6 dia. x 6.2mm pitch x 7 spaces x 600W	Inner Radius:800mm
1.8 dia. x 7.8mm pitch x 7 spaces x 610W	Inner Radius:406mm

Curve angle: 90 degree or 180 degree

Turning Direction:  
Right (clockwise) or Left (counter clockwise)