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 running by positive sprocket driven.

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

**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**

<table>
<thead>
<tr>
<th>No.</th>
<th>Parts Name</th>
<th>No.</th>
<th>Parts Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sprockets</td>
<td>6</td>
<td>Motor / Motor Cover</td>
</tr>
<tr>
<td>2</td>
<td>Take-up Rollers</td>
<td>7</td>
<td>Legs (Square pipes)</td>
</tr>
<tr>
<td>3</td>
<td>Transfer Rollers</td>
<td>8</td>
<td>Adjustable bolt</td>
</tr>
<tr>
<td>4</td>
<td>Wear Strip</td>
<td>9</td>
<td>Inverter and Switch Box</td>
</tr>
<tr>
<td>5</td>
<td>Frame</td>
<td>10</td>
<td>Drip Tray (Option)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Belt Width</th>
<th>Inner Radius</th>
<th>Transfer Roller Diameter</th>
<th>Height</th>
<th>Motor (Kw)</th>
</tr>
</thead>
<tbody>
<tr>
<td>400</td>
<td>400</td>
<td>30 - 40</td>
<td>800 ± 50</td>
<td>0.1 - 0.2</td>
</tr>
<tr>
<td>600</td>
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<td>800 ± 50</td>
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</tr>
</tbody>
</table>

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**
We also offer semi-completed curve conveyor system. 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

Curved 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)