



Thank you for your interest in SmartMove Modular Conveyors!!

SmartMove Conveyors has been providing simple, safe, dependable conveyor solutions for more than 15 years. We offer a wide selection of products that are in stock and ready for immediate delivery. All of our conveyors provide the following benefits:

- **Save on installation:** All SmartMove conveyors are shipped fully assembled and will be ready for operation upon delivery. There are no hidden costs for mechanical or electrical installation. And our removable power cord meets OSHA requirements for power lock-out.
- **Provide a safe work environment:** No other conveyor can offer you the inherent safety provided with safer small torque motors. All of our drives have overload protection that shuts off the motor if stalled for more than 10 seconds. Plus, our belting provides a second safety defense by snapping open when jammed from underneath. Safe conveyors can improve your productivity by allowing workers to operate closer to the conveyor.
- **Modular and efficient:** Modularly constructed to meet current and future needs at your facility. Save on operational electrical costs with our energy efficient variable speed brushless drives that use 80% less power than other conveyors.

Requested literature detailing SmartMove short-line conveyors is provided for your immediate review. This information pack includes the following:

- ✓ [Conveyor Worksheet](#)
- ✓ [Detailed Product Description](#)
- ✓ [CAD Drawing](#)
- ✓ [Accessories Photo](#)

If you have any questions regarding any SmartMove Conveyor product, I can be reached directly at (800) 581-2876 or by email at [Sales@4smartmove.com](mailto:Sales@4smartmove.com).

Regards,

Paula Wright  
National Director-Sales & Marketing SmartMove  
Conveyors  
Phone: (800) 581-2876  
Fax: (508) 679-5202  
Email: [sales@4smartmove.com](mailto:sales@4smartmove.com)



[www.4smartmove.com](http://www.4smartmove.com)

AMAENGINEERING *Smartmove Conveyors*

Westport MA. 02720 Phone: 800-581-2876 Fax 508-679-5202 Email: [Sales@4smartmove.com](mailto:Sales@4smartmove.com)





**SmartMove 90 degree turn Worksheet (Use with Short or Long Line conveyors.)**

Thank you for your inquiry about SmartMove's 90 degree turn system. Please use this worksheet along with conveyor worksheet (if needed) to determine which is the best way to transfer product across conveyors.

**Sliding Transfer**

You can move smooth bottomed products around corners by placing conveyors end-to-side as shown here. Our unique tilting transfer plate holds the leading edge of the product above the receiving belt to allow items as short as 4" to turn without back pressure. Shorter items may require a "push" from items behind to complete the turn.

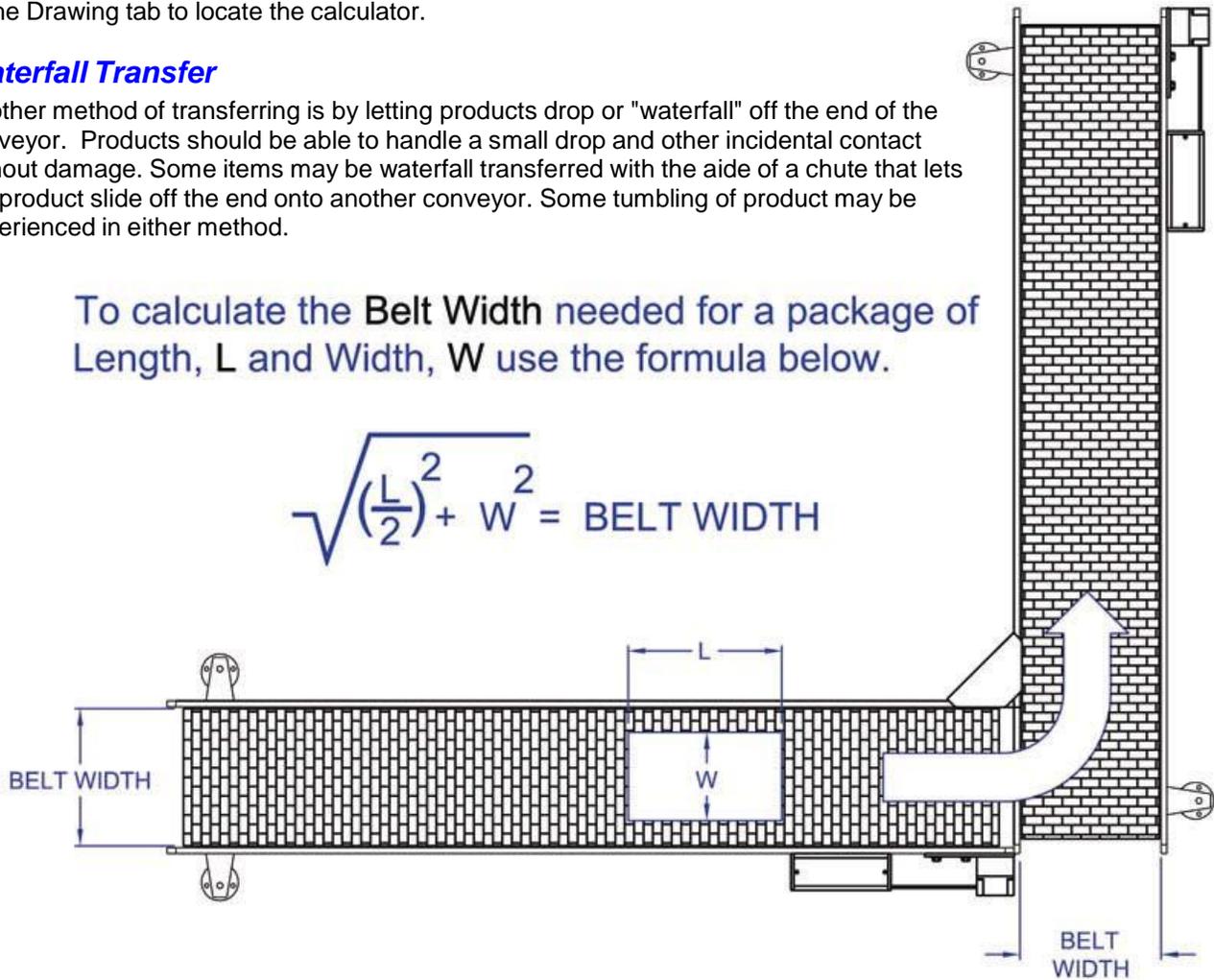
The formula below will calculate the minimum width conveyors needed. (Both conveyors should to be at least as wide as the calculated belt width.) You will also find a working calculator on our website: 4smartmove.com under the 90 Degree Turn Products page. Go to the Drawing tab to locate the calculator.

**Waterfall Transfer**

Another method of transferring is by letting products drop or "waterfall" off the end of the conveyor. Products should be able to handle a small drop and other incidental contact without damage. Some items may be waterfall transferred with the aide of a chute that lets the product slide off the end onto another conveyor. Some tumbling of product may be experienced in either method.

To calculate the Belt Width needed for a package of Length, L and Width, W use the formula below.

$$\sqrt{\left(\frac{L}{2}\right)^2 + W^2} = \text{BELT WIDTH}$$



Pricing, videos, Cad Drawings, Accessories and More...

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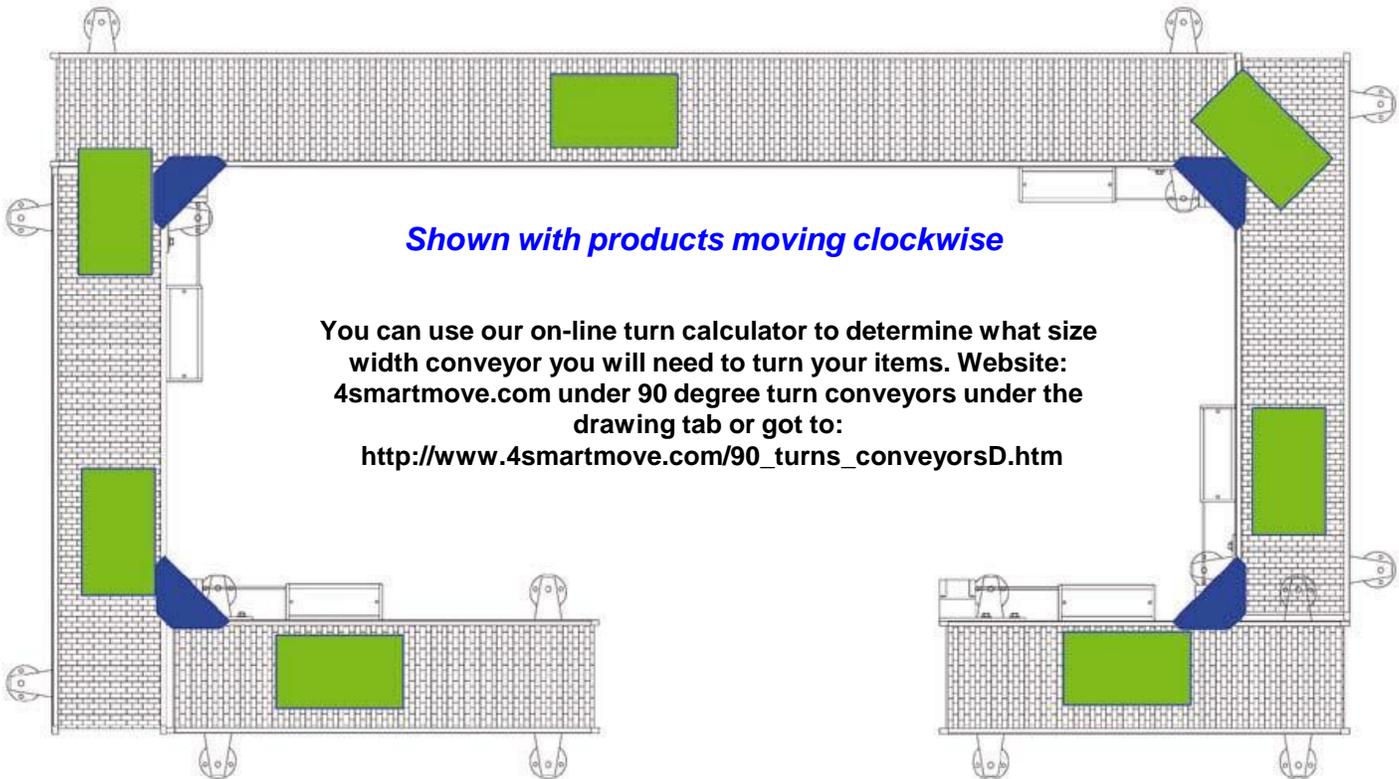




*Making 90 Degree turns is simple with SmartMove Conveyors*

**Just join the drive end of one conveyor to the side of another conveyor.**

**Here is an example of how conveyors can be joined to create a work cell.**



**Shown with products moving clockwise**

**You can use our on-line turn calculator to determine what size width conveyor you will need to turn your items. Website: [4smartmove.com](http://www.4smartmove.com) under 90 degree turn conveyors under the drawing tab or got to: [http://www.4smartmove.com/90\\_turns\\_conveyorsD.htm](http://www.4smartmove.com/90_turns_conveyorsD.htm)**

**If you are unsure of how your product will perform, please send us a sample and we will be happy to test it. We will send you a short video of your product performing the transfer when testing is complete.**

**Most packages, trays or flat bottom products can be transferred. Products that are less than 5" long may require "back-pressure" to move across the transition. (Needs a push from the back to turn. )**

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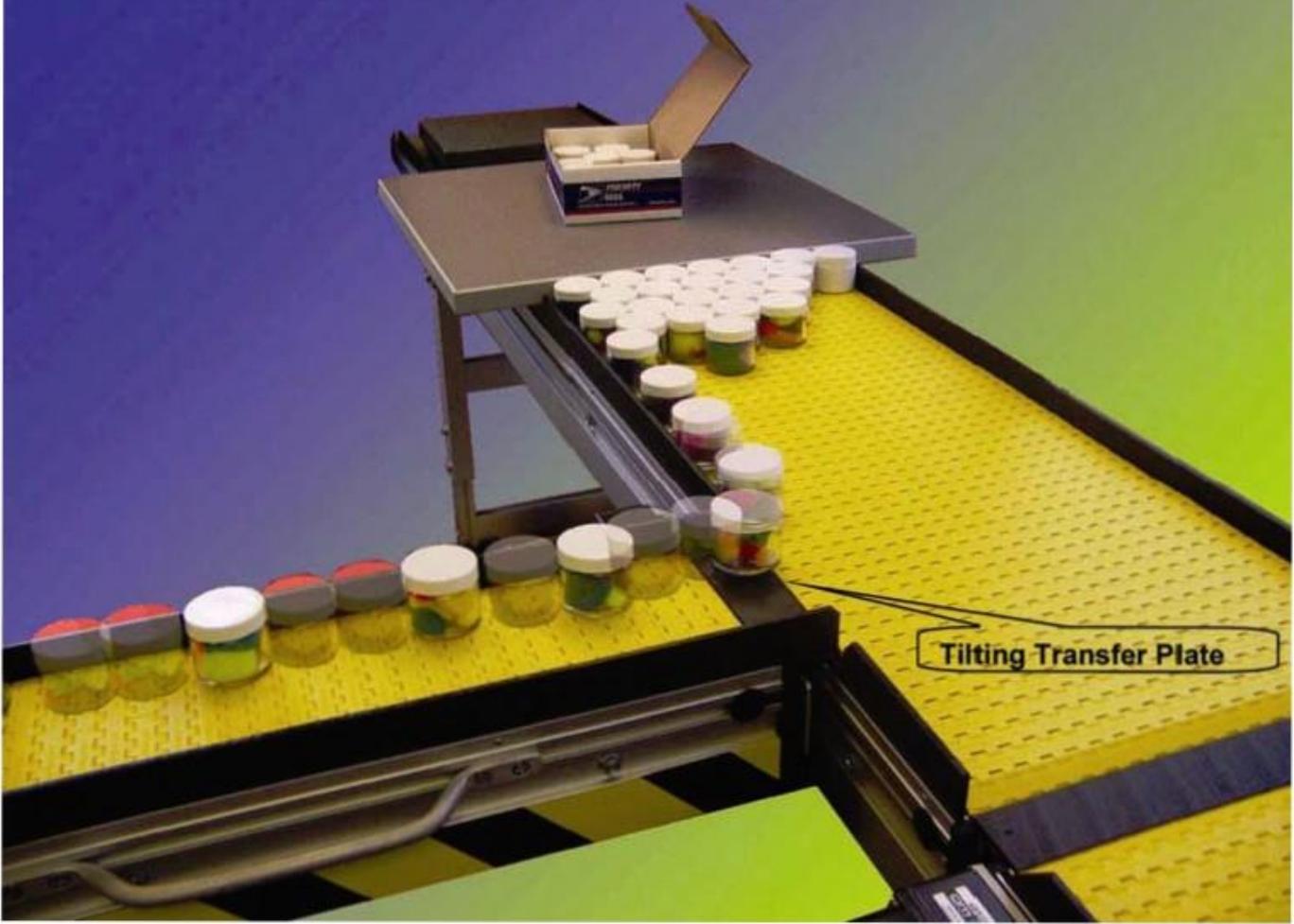
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**SMART MOVE**  
MODULAR CONVEYORS  
90° Turn Transfers

Now you can move your products...  ...where you need them to go.



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**CALL SALES @ (800) 581-2876 FOR ASSISTANCE.**

	Select from:	Choose Here	Notes															
Belt Width:	<table border="1"> <tr> <td>6"</td> <td>9"</td> <td>12</td> <td>15</td> <td>18</td> </tr> <tr> <td>21</td> <td>24"</td> <td>27"</td> <td>30</td> <td>33</td> </tr> <tr> <td>36</td> <td>39</td> <td>42</td> <td>45</td> <td>48</td> </tr> </table>	6"	9"	12	15	18	21	24"	27"	30	33	36	39	42	45	48		Conveyor is 1" wider than the belt width
6"	9"	12	15	18														
21	24"	27"	30	33														
36	39	42	45	48														
Conveyor Length:	<p>24-120" See Worksheet</p>		Worksheet needed for Long Lines longer than 120"															
Height	<table border="1"> <tr> <td>9"-13"</td> <td>13"-17"</td> <td>16"-20"</td> <td>22"-27"</td> </tr> <tr> <td>25"-33"</td> <td>28"-39"</td> <td>34"-48"</td> <td>40"-60"</td> </tr> <tr> <td></td> <td>55-75</td> <td>72-112</td> <td></td> </tr> </table>	9"-13"	13"-17"	16"-20"	22"-27"	25"-33"	28"-39"	34"-48"	40"-60"		55-75	72-112			Height is measured from base of support stand to the top of the belt (TOB). Stands can be shared between joined conveyors			
9"-13"	13"-17"	16"-20"	22"-27"															
25"-33"	28"-39"	34"-48"	40"-60"															
	55-75	72-112																
Belt Speed	<table border="1"> <tr> <td>2-25</td> <td>3-50</td> <td>4-70</td> </tr> <tr> <td>6-100</td> <td>7-138</td> <td>12-208</td> </tr> </table>	2-25	3-50	4-70	6-100	7-138	12-208		Comes with our patented direct drive 25-90 watt brushless DC 115V plug and play all ball bearing motors.									
2-25	3-50	4-70																
6-100	7-138	12-208																
<p><b>What are you using the conveyor for?</b>  <b>Size of package</b>  <b>Keeping Orientation:</b>            Yes            No  <b>Your Company name and physical address:</b>  <b>Contact name:</b>  <b>Direct line:</b></p>																		

**Accessories:**

- E-Stop (Emergency Mushroom Stop, Foot E-Stops)
  - Stops or starts entire line from the opposite end.
- Corner turn kit
  - Assures package transfers smoothly.
- Stop bar
  - Assures packages do not fall off the end of the line.
- Photo Sensor Eye
  - Stops entire line when eye sees a package.
- Half Stop Bar
  - Stops only some of the packages.
- Casters
  - Makes it easier for maintenance or dual usage.
- Counter
  - Counts packages then stops after determined amount.
- Spacer
  - Space between particular determined amounts of packages.

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