

# Custom VersaCure Conveyors

## Custom Solutions based on Customer Needs

Con-Trol-Cure® specializes in providing simple custom UV solutions by listening to the needs of our customers. The VersaCure UV systems and associated VersaCure Portable benchtop conveyors were developed specifically to address many of those requests.

Fortunately, we never stop listening, because there will always be another creative customer who has a great idea "if only" a piece of equipment existed to meet their particular UV requirement.



EXAMPLE 1:

High Power requires a Big Box Solution: use it as a mobile bench

### High Power / Small Footprint

Example 1: The traditional VersaCure EPS (Electronic Power Supply) comes in either a 1.8kW or 3kW version. This is enough power to meet or beat any small benchtop conveyor unit in the market. Traditionally, if you needed wider than 10 inches, while still maintaining 300WPI (or 400, 500, even 600WPI) you had to look at the large floor standing industrial conveyors. At a minimum of 6 feet long these conveyors are great for high volume production, but also come at a premium price, while not being very portable.

Our VersaCure Conveyor offers widths up to 16 inches while remaining less than 4 feet in length. At 16 inches, a 3kW EPS is going to give you ~175WPI. O.K. for some lab work, but not enough for many UV inks and other compounds. Fortunately with over 30 years experience in the UV market delivering large format high power industrial UV systems, we were prepared to solve this particular customers dilemma. The need was for a 12 inch wide curing path, but it had to be 400WPI. (4.8kW), it also needed to be small format and portable. Our Solution? Why not marry new technology with traditional power! And since traditional power requires a big enclosure, lets make the enclosure the bench by mounting the conveyor on top. Put the whole thing on wheels and it's powerful and portable. Problem solved.

### Small Footprint / High Tunnel

Example 2: Everybody has to start somewhere. Companies wanting to produce 3D products in smaller quantities can't justify the cost involved in a large production UV Floor Conveyor. Same goes for shops producing prototypes, or even large shops needing a lab conveyor for testing and evaluation of pre production samples. The traditional VersaCure conveyor design was developed for flat sheets of less than 0.50 inch thick. We were approached by a customer that required; 4 inch product clearance, only 6 inches of belt width and 500WPI. The project could not justify the cost for a large industrial UV system, and they already had a few production lines with that type of equipment anyway. They just needed something for the occasional short run custom project, and were also running short on production floor space as well. Our Solution? The 3kW EPS VersaCure system had the power to do the job and delivers 500WPI at 6 inches of width. We just had to figure out how to accommodate 4 inches of clearance, while still maintaining the benefits of lower cost, smaller format, and portability. Using many of our existing manufacturing components and extrusion's, we were able to quickly adapt the tunnel, while still addressing concerns of UV safety, and heat build-up. The result, while looking a lot like a fast food restaurant pizza oven, delivered exactly what the customer required. Sometimes you have to consider function before form. Problem solved.



EXAMPLE 2:  
Raise the entire tunnel - Add extra cooling and use lightweight materials



Do you have a challenging application? Contact UV Process Supply for your Custom Con-Trol-Cure® solution.

### 24-HOUR PRODUCT SERVICES

Internet: [www.uvprocess.com](http://www.uvprocess.com)

E-mail: [info@uvps.com](mailto:info@uvps.com)



**UVPS®**  
UV PROCESS SUPPLY, INC.

UV Process Supply • 1229 W. Cortland Street • Chicago, IL 60614 • 1-800-621-1296 • 1-773-248-0099 • Fax: 1-773-880-6647

©COPYRIGHT 2010 U. V. PROCESS SUPPLY, INC.