

## PRESS RELEASE



*For Immediate Release:*

### **Demand Drives New Component Delivery System from US Vibra**

Tucson, AZ March 13, 2003 – Keeping up with customer demand is the key to the way US Vibra, LLC operates. Listening to the needs and concerns of pick and place users gives US Vibra all the information the Company needs to design and build the type of quality product required to increase productivity in the industry.

That's exactly the way US Vibra's latest product, a tube feeder for Panasonic's MPAV-2, MPAG-3 and MSF placement systems, came to be developed. US Vibra's customers were looking for a solid solution to feeding small quantities of tube-supplied components to their Panasonic placement systems. The requirements were simple. The feeder had to be compatible with their placement systems both mechanically and electrically, it needed to handle a wide range of component types and it needed to be easy to set-up, changeover and maintain.

US Vibra took this challenge to heart. The result of their efforts is the MPA-827 Component/Stick/Tube Delivery System.

Jeff Gaines, US Vibra, LLC. President said "The MPA-827 system has been developed because one of our best customers came to me looking for a flexible solution for tube fed components on their Panasonic placer. They wanted to be able to use the same feeder station for a number of different devices without the high investment needed to purchase the dedicated solutions from their OEM."

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“We took this as a challenge to develop a delivery system that would meet their demands, and benefit from our state of the art electronics and history of trouble free, low maintenance operation” he continued. “The MPA-827 benefits from the modularity that all of our products offer, a variety of standard and special tooling options that allow the same feeder to be used for multiple device styles Changing the MPA-827 tooling is as simple as removing two screws, exchanging the existing tooling with the new lane, and tightening up the screws. Since the MPA 827 uses the same feeder base for all its tooling options, it provides a fast and economical solution to delivering a wide variety of components”

One of the early adopters of the MPA-827 Delivery System uses the common platform to present everything from SOIC8 to SOMC package styles. According to Eric Soderberg of Whelen Engineering, “US Vibra is always willing to help, they get things done as quickly as possible but are always willing to listen to any changes we needed. I like the people and would buy from them again.”

The MPA-827 Component Delivery System includes the trademark US Vibra modular lane design configuration. Users can select from a range of standard tooling plates available from stock. Standard tooling plates are available for SOIC 8 to PLCC-100 to SOJ and SOMC footprints. Custom component configurations are available to deliver virtually any component that your placement systems support.

USVibra’s feeders use state of the art electronics with separate amplitude and frequency adjustment controls to ensure smooth part transfer and error free host machine interface communications. The MPA-827 interfaces with Panasonic placement systems via their standard, pogo pin, power block and 24-volt supply.

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IO signals from the MPA-827 signal the placement system similar to any tape feeder, including the standard 'Feeder Ready/Feeder Busy' handshake to ensure consistent component pick-up. The 'Feeder Ready' signal is enabled once a component reaches the pickup station, and the feeder vibrations are at rest. Once the component has been picked up by the placement system, the feeder begins to move the next part into the pickup position. This handshake combination assures that no mis-picks occur.

The desired component feeder tooling is held in place with two screws. Once the plate is fasted to the feeder base, simply place the open component tube onto the tooling system.

USVibra feeding systems are available for most SMT placement systems including Fuji, Panasonic, Universal, Juki (Zevatech), Yamaha (Philips), Quad (Tyco), Samsung and more. Over 100 standard and custom feeding platforms offer interchangeable solutions to provide consistent presentation of SMT components in the most demanding production environments.

For more information about SMT feeding solutions, contact USVibra, LLC 1955 West Grant Road, Suite 160 Tucson AZ 85745, by telephone on 520-624-3709 (fax: 520-624-4028) or on the web at [www.usvibra.com](http://www.usvibra.com).

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Editors Note: The MPA-827 image and Company logo are available for download at <http://www.namc-hitech.com/usvibra>