

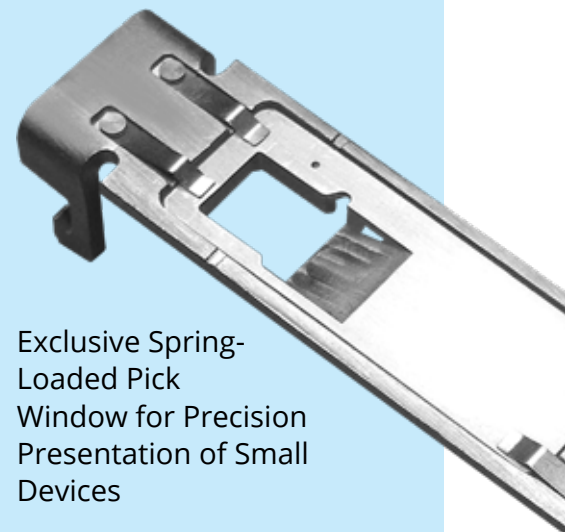
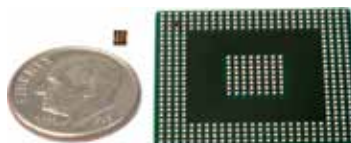
# X-Stream Series Tape Feeder System



## Streamline Production with the Ultimate Tape Feeder System

- Trouble-free handling of the smallest CSP devices
- Exclusive spring-loaded pick window prevents popcorn-effect
- Proven 2mm pitch support, ready for the smallest parts
- Reliable and smooth tape indexing prevents jams and recoil
- Easy one-button pitch selection slashes setup time
- Ergonomic design provides easy operator handling and setup
- Fast and accurate indexing ensures uninterrupted production
- Engineered specifically to operate with BPWin process control software

Tape Input/Output ranging from the  
smallest CSP to the largest QFP



Exclusive Spring-Loaded Pick Window for Precision Presentation of Small Devices

## Turnkey System for Maximum Control

The X-Stream Series Tape Feeder System is the reliable, precise automated tape input peripheral for the BPM Microsystems 3000 and 4000 series automated programming systems. The X-Stream Series offers a broad range of feeder sizes, from 8mm to 56mm. Tightly-coupled with BPWin™ process control software, the X-Stream Series intelligently advances the feeder on command, ensuring the feeder presents the next device as needed.

## Fast Setup and Changeover Maximize Productivity

The X-Stream Series provides easy setup and fast changeover. Intuitive buttons control tape advance and reverse for simple pick point adjustment and calibration. The one-button electronic pitch selection makes it easy to change from tape sizes. Each feeder body includes an input reel holder, accommodating reels up to 15 inches in diameter. An ergonomic handle eases operator handling and installation.

## Precise and Accurate Handling for Even the Smallest Device Package

Small CSP package handling requires smooth indexing, accuracy and repeatability. The 8mm and 12mm X-Stream Series feeders are specially engineered to include a pick window with spring-loaded insert. This stabilizes vibration



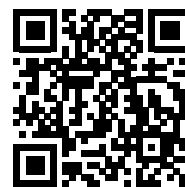
by applying downward pressure to the carrier tape, resulting in precise presentation of small components to the APS nozzle. Controlled tension between the input reel and feeder provides fluid carrier tape movement, producing uninterrupted production programming.

## Robust Feeder Solution for Low Cost of Ownership

Designed for high-speed pick and place machines, X-Stream Series feeders are robust with minimal service requirements. If an unexpected error does occur, the on-board diagnostics feature and electronic calibration makes troubleshooting fast and easy.



X-Stream Series Tape Feeder systems are available in seven models to support standard tape widths from 56mm to 8mm. Takeup assembly not included.



[bpmmicro.com/tape-feeder](http://bpmmicro.com/tape-feeder)

