



Agilis™ Stick Magazine

- A new movement in SMT.

For a fast changing world

MYDATA®



Key benefits:

- Revolutionary stick feeding technology
- Eliminates waste and improves productivity
- Always prepared for any job
- Set-ups and changeovers in no time
- Simply plug in and go

Agilis design delivers improved productivity

Now, with the new Agilis Stick Magazine, ASM, you can benefit from the accuracy, speed and flexibility of the award-winning MYDATA Agilis system to boost production efficiency as well as your company's bottom line profitability. By eliminating valuable time during set-ups and changeovers, as well as increasing both the variety and quantity of components placed throughout the day, the new ASM is an ideal solution for high mix SMT production facilities.

New revolutionary stick feeding technology

Unlike stick feeders that rapidly vibrate up-and-down to feed components, the new ASM utilizes a high precision, short stroke linear drive. This allows it to quickly and accurately feed components in sticks with a servo-controlled, horizontal motion. The ASM moves the stick straight forward and immediately pulls straight back to advance components through the stick and into the pick-up position. With this technology, feeding can now be accomplished with a degree of reliability and efficiency that previously wasn't possible.

Always prepared for any job

The new ASM is specially designed to handle a remarkably wide range of SMT components and sticks – up to 50 mm long components and up to 28 mm high sticks of various widths. From the smallest TSSOP to large PLCC's and high connectors, all sizes of components can be fed simultaneously in the same magazine. This means that you're always prepared for any job, with any set of components. Plus, you don't have to keep an expensive inventory of component specific feeders on hand.

Set-ups and changeovers in no time

Using removable stick pallets with a built-in pallet ID and a barcode system, set-ups and changeovers for the ASM are incredibly fast and reliable. This intelligent design makes it possible to replenish and pre-load pallets, as well as prepare data before pallets are loaded into the magazine. Convenient snap-in positioners help aligning the sticks and position the components for pick-up from the pallet. Once in the machine, an LED operator interface continuously shows production status, for instance, if a component is loaded and used in the current job or when sticks need refilling.

Simply plug in and go

No matter which pallet is loaded into the ASM, or which type of components are scheduled for placement, no manual feeding settings are required. Feeding is automatically calculated based on component data that's entered prior to loading. Pick-up positions are automatically localized and trimmed as well. So the time it takes for set-up with other feeder systems is eliminated. And that translates into increased productivity and higher overall throughputs.

Specifications

Stick pallet types	ASP10 and ASP1028, removable with ID and barcode
Max stick capacity	16 pcs of 10 mm positions
Typical components	SOIC, DPAK, PLCC, connectors
Max component length	50 mm
Max stick width	Machine dependent. Max 160 mm
Max stick height ASP10	10.5 mm
Max stick height ASP1028	10.5 mm in pos. 1-8, 28.5 mm in pos. 9-16
TPSys™ requirements	TPSys 2.4.6 or TPSys 2.5.2

Specifications are subject to change without notice.
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