

Electronic Part Mounter

SI-F130AI / F130WK

Multi purpose mounter suitable for LED chip mounting

SI-F130 is a reliable multi purpose mounter equipped with the original Sony planet head

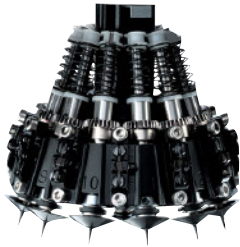
Enables high speed & high precision mounting especially suitable for LED light and LED backlight PWB



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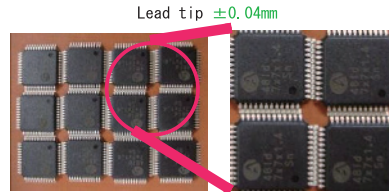
Single Reel High-speed Mounting

Sony's planet head allows efficient, high-speed mounting with minimum loss even from a single reel because of the original rotating mechanism. It also makes parts management easier.



Improved accuracy of θ direction*

The optional high precision kit enables to improve the accuracy of rotational direction. Also large part such as 12mm square IC chip can be mounted at high speed by moving camera without checking one by one by fixed camera.



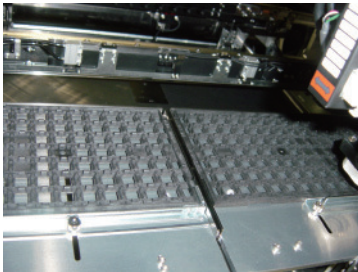
Supports max 1200mm LED PWB*

Max 1200mm long LED PWB can be mounted by using the optional long LED PWB mounting kit. This supports the larger PWB required for such as LED lights and wide screen TV backlights.



Manual tray unit for large parts*

This is a manual tray that is attached to the rear of the unit. It handles up to two types of parts.



Extension conveyor kit*

Securing space for a buffer board without using optional conveyors. This extension contributes to the higher productivity.

SI-F130 for long size PWB*



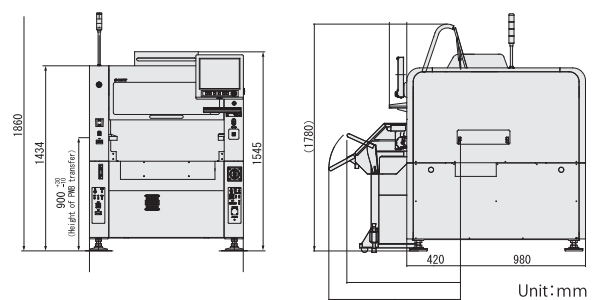
*Option

Specifications

	Compact-sized Chip Mounter	
Model name	SI-F130AI	SI-F130WK
Machine type	1 head multi-purpose machine	
PWB size	50mm×50mm-460mm×360mm Thickness : 0.5mm-2.6mm	
Component size range	Moving camera : 0402-□12mm Fixed camera* : -□25mm Height : -6mm	
Placement speed	25,900CPH	
Mounting accuracy (3 σ)	40 μ m	
Cassette load capacity**	Front : 40 cassettes Rear : 40 cassettes	Front : 40 cassettes
Power supply	AC3-ph., 200V±10%, 50/60Hz, 1.6kVA (Other voltages also available)	
Dimensions	W1,220mm×D1,400mm×H1,545mm (Excluding signal tower)	
Weight	1,560kg	

* Option ** 8mm width ※ Above figures are subject to vary on the conditions. Please contact our sales reps for details.

External dimensions



⚠ Safety Precautions: To use the product safely, read and understand the contents of the instruction manual before use. ● Standards, specifications and appearance are subject to change due to continual improvements without prior notice.

Sony Manufacturing Systems Corporation

<http://www.sonymss.co.jp/>

The contents of this literature are as of April 2011