

# DEK Grid-Lok™ Silver

DEK Grid-Lok™ Silver is ideal for placement processes, where substrate support requires robustness and protection against vibration.



### Module specifications:

Depending on the specific machine application, the modules have the following specifications:

- Available tooling heights: 53 mm to 135 mm
- Module length: 355 mm and 254 mm (for few heights)
- Module width: 32 mm
- Pin count: 27 pins configured in 2 rows, on a 25 mm x 20 mm pitch
- Component clearance: 16.5 mm
- Pin cap – electrically conductive silicone rubber compound

### System requirements:

- Air pressure: 80-102 PSI (0.55-0.7 MPa)
- Air quality: 2.3.3 where 2 (dirt) = 1 micron, 3 (water) = -20° C pressure dew point and 3 (oil) = 1 mg/m3
- 120-240 AC supply to provide 24 VDC to power control box

DEK Grid-Lok™ SILVER AUTOMATIC KITS				
Part number		Controller/ description	Manifold(s) included	Included in all kits
SAP	DEK			
03140727	KIT_111	111_CTL – Single Table System	1 each, 006_MAN, manifold for 6 modules	INC_FIK - Field Installation Kit, 002_CON – Handheld controller/holder (only for single table system), 6 each twin leashes per manifold, all necessary fittings, tubes and air pipes for kit installation
03136308	KIT_211	211_CTL – Dual Table System	2 each, 006_MAN, manifolds for 12 modules	

Note: 077\_SBA – optical sensor which is not included in the kit, may be required if the host machine doesn't have pneumatic activated board clamps. Please consult your local ASM representative for more information.

### Placement systems:

- SIPLACE
- Assembleon
- Fuji
- I-pulse
- Juki
- Panasonic
- Samsung
- Universal
- Yamaha

## DEK Grid-Lok™ SILVER AUTOMATIC MODULES

Height (mm)	Controller	Part number				Equipment
		Silver, MD, 10 inch modules		Silver, MD, 14 inch modules		
		SAP	DEK	SAP	DEK	
53	single	03132669	GMD5310A	03131866	GMD5314A	Fuji NXT M3, M6 single
53	dual	03132669	GMD5310A	03131866	GMD5314A	Fuji NXT M3, M6 dual
57	single	N/A	N/A	03148514	GMD5714A	UIC
57	dual	N/A	N/A	03148514	GMD5714A	UIC
65	single	N/A	N/A	03148517	GMD6514A	Juki, GKG
67	single	N/A	N/A	03132674	GMD6714A	Yamaha YSP
70	single	N/A	N/A	03148501	GMD7014A	Panasonic NPM, I-Pulse
76	single	N/A	N/A	03132681	GMD7614A	Yamaha YS12
76	dual	03148520	GMD7610AM*	N/A	N/A	Yamaha YS24
77	single	N/A	N/A	03136228	GMD7714A	SIPLACE F, C, S
81	single	N/A	N/A	03136229	GMD8114A	DEK
87	single	N/A	N/A	03148521	GMD8714A	Ekra
97	single	N/A	N/A	03136230	GMD9714A	SIPLACE D, SIPLACE SX, Juki
97	dual	N/A	N/A	03136230	GMD9714A	SIPLACE X, Juki FX-3
97	quad	N/A	N/A	03136230	GMD9714A	SIPLACE X, SIPLACE HS
98	single	N/A	N/A	03148522	GMD9814A	Ersa
132	single	N/A	N/A	03141189	GMD1324A	Samsung SM421
134	single	N/A	N/A	03141190	GMD1344A	Samsung SM481, 482
134	dual	N/A	N/A	03141190	GMD1344A	Samsung SM471

\* Hybrid modules

## DEK Grid-Lok™ SILVER MANUAL MODULES

Height (mm)	Part number				Equipment
	Silver, MD, 10 inch modules		Silver, MD, 14 inch modules		
	SAP	DEK	SAP	DEK	
53	03130374	GMD5310M	03128587	GMD5314M	Fuji NXT M3, M6
57	N/A	N/A	03132672	GMD5714M	UIC
62	N/A	N/A	03148516	GMD6214M	Takaya in line
65	N/A	N/A	03148518	GMD6514M	Juki GKG
67	N/A	N/A	03132676	GMD6714M	Yamaha YSP
70	N/A	N/A	03138817	GMD7014M	Panasonic NPM, I-Pulse
76	03132680	GMD7610M	03132683	GMD7614M	Yamaha YS12, YS24
77	N/A	N/A	03132685	GMD7714M	SIPLACE F, C, S
81	N/A	N/A	03128560	GMD8114M	DEK
87	N/A	N/A	03128591	GMD8714M	Ekra
97	N/A	N/A	03128624	GMD9714M	SIPLACE D, SX, Juki
98	N/A	N/A	03148523	GMD9814M	Ersa, Takaya off line
132	N/A	N/A	03132667	GMD1324M	Samsung SM421
134	N/A	N/A	03141332	GMD1344M	Samsung SM481, 482, 471



ASM Process Support  
Products Website

[www.asm-bsp.com](http://www.asm-bsp.com)



ASM Process Support  
Products Webshop

[www.asm-smt.com/de/  
myasm/webshop](http://www.asm-smt.com/de/myasm/webshop)



ASM  
Website

[www.asm-smt.com](http://www.asm-smt.com)



ASM  
YouTube

[www.youtube.com/c/  
ASMSMTSolutions](http://www.youtube.com/c/ASMSMTSolutions)

**Americas:**

ASM Assembly Systems USA Inc.  
Phone: +888 768 4357 (press 2)  
E-mail: [smtparts.us@asmpt.com](mailto:smtparts.us@asmpt.com)

**Europe:**

ASM Assembly Systems  
Phone: +40 722 692 108  
E-mail: [asm-bsp.eu@asmpt.com](mailto:asm-bsp.eu@asmpt.com)

**Asia:**

ASM Assembly Systems  
Phone: +65 6877 3900  
E-mail: [spares.sg@asmpt.com](mailto:spares.sg@asmpt.com)

[www.asm-bsp.com](http://www.asm-bsp.com) | [www.asm-smt.com](http://www.asm-smt.com)