

Technical Specifications

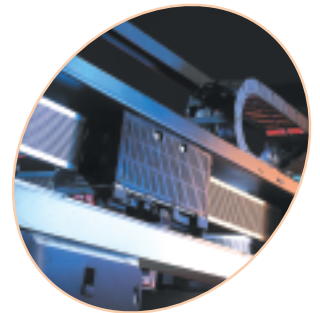
GSM Genesis Lightning

The Ultimate in
Modular Performance



Machine Performance:

Placement Accuracy	54,000 cph / 0.066 sec. per component +/- 90µm @ 4 sigma
Feeder Slots	Up to 136 unique components (8mm tape)
Feeder Types	Tape (8mm to 44mm)
Placement Heads	Lightning Placement Head
Preliminary IPC Chip Placement	36,140 cph / 0.10 sec. per component (0603 components)



PCB Dimensions:

	Minimum	Maximum
Length	50.8mm (2")	635mm (25")
Width	50.8mm (2")	508mm (20")
Thickness	0.508mm (0.02")	5mm (0.197")
Weight	---	2.72 Kg (6 lbs)
Topside Board Clearance		12.7mm (0.5")



Software:

UPS+ Platform Software
Microsoft® Windows 2000® operating system

Options:

Platform Setup Validation (PSV)
Traceability Package
Feeder Bank Change / Off-line Validation Option
Dual-Lane Board Handling
Dual-track feeders

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Component Range:

	Minimum	Maximum
Length	0.3mm (0.012")	30mm (1.18")
Width	0.6mm (0.024")	30mm (1.18")
Height	0.15mm (0.006")	6mm (0.24")
Weight	-----	4g

Service Requirements:

Electrical	200-240 VAC, Nominal 3 phase, 50 or 60 Hz
Pneumatic	119 N liters/minute @ 6.2 bar (4.2 CFM @ 90 psi)

Machine Dimensions:

Length	Depth	Height	Weight
1676mm (66")	2248mm (88.5")	1905mm (75")	3107kg (6850 lbs.)

