

Technical specifications	iX 502	iX 302
Maximum output per hour	165 k (121k IPC 9850)	99 k (79k IPC 9850)
Placement quality	< 1 dpm	< 1 dpm
Placement accuracy @ CpK1	25 µm for passives 20 µm for QFP	25 µm for passives 20 µm for QFP
Minimum component size (LxW):	0.25 x 0.125 mm (0201m)	0.25 x 0.125 mm (0201m)
Maximum component size (LxW):	45 x 45 mm (1.77 x 1.77")	45 x 45 mm (1.77 x 1.77")
Maximum component height	10.5 mm (0.41")	10.5 mm (0.41")
- Optional	12 mm (0.47")	12 mm (0.47")
Programmable placement force	0.5 to 8 N	0.5 to 8 N
Maximum board size (LxW):		
- Standard	515 x 390 mm (20.28 x 15.35")	475 x 390 mm (18.7 x 15.35")
Minimum board size (LxW):		
- Standard	50 x 50 mm (2 x 2")	50 x 50 mm (2 x 2")
- Optional	50 x 25 mm (2 x 1")	50 x 25 mm (2 x 1")
Maximum optional board length	1500 mm (59.06")	800 mm (31.5")
Maximum optional board width	457 mm (18")	457 mm (18")
Board thickness:		
- Standard	0.3 to 0.6 mm (0.01 to 0.24")	0.3 to 0.6 mm (0.01 to 0.24")
Automatic toolbit exchange	Nozzles	Nozzles
Maximum tape feeding positions (8 mm):		
- SF feeders	210 SF Feeders	126 SF Feeders
- Single lane feeders	130 Tapes	76 Tapes
- Dual lane feeders	156 Single tapes	260 Single tapes
Feeding options (other feeder types on request)	Tape, stick	Tape, stick
Footprint excl. feeders (LxW)	3,720 x 1,705 mm (146.46 x 67.13")	2,760 x 1,705 mm (108.66 x 67.13")

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