

iFlex

INDUSTRY'S MOST FLEXIBLE ONE-MACHINE CONCEPT



Designed for flexibility, Low cost of ownership and High first pass yield

Main benefits:

- **Feeding flexibility**
 - Up to 129 tape feeders per module
 - Supports tape, tray, stick and tubes
 - Easy switching between feeding types
- **Component handling flexibility**
 - Full range of nozzles and grippers
 - Placement forces from 1.5 N up to 80 N
- **Lowest cost of ownership**
 - Annual maintenance < 35 hours
 - Less spare parts due to common hardware
 - Up to 5 times less air and energy consumption
 - Small footprint
- **Ease of Use**
 - Feeder anywhere
 - Intuitive operator guidance
 - Automatic feeder pitch adjustment
- **Industry 4.0 ready**
 - IPC-Hermes-9852
 - IPC-CFX
 - SECS/GEM
 - CAMX

SPECIFICATIONS

	iFlex T4	iFlex T2	iFlex H1 / HTC
Maximum output per hour	70k cph	35k cph	9k cph
Maximum output IPC9850/IPC9850A	51k cph	24.3k cph	7.5k cph
Placement accuracy @ Cpk>1	35 µm for Passives	35 µm for Passives 25 µm for QFP/BGA	35 µm for Passives 20 µm for QFP/BGA
Min. component size	0.4x 0.2 mm (01005)	0.4 x 0.2 mm (01005)	0.6 x 0.3 mm (0201)
Max. component size	17.5 x 17.5 mm	45 x 45 mm	120 x 52 mm
Max. component height	15 mm	21 mm	25 mm / 50 mm
Programmable placement force (in steps of 0.1 N)	1.5 - 8 N	1.5 - 8 N	4 - 40 N / 4 - 80 N
Min. board size:	50 x 50 mm	50 x 50 mm	50 x 50 mm
Max. board size: - Single lane - Dual lane	845 x 558 mm 845 x 254 mm	845 x 558 mm 845 x 254 mm	845 x 558 mm 845 x 254 mm
Max. tape feeding lanes (8 mm) - SF feeders	124	124	129
Feeding options	Tape, stick	Tape, stick, tray, tubes	Tape, stick, tray, tubes
Pick tools	Nozzles	Nozzles, grippers	Nozzles, grippers
Footprint (L x W) (incl. SF trolleys)	1,170 x 2,372 mm	1,170 x 2,372 mm	1,170 x 2,372 mm

Please contact your sales representative for a quotation.

For more information, contact your local authorized K&S sales representative or visit www.kns.com

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