

Mirae Mx200 Series

Cost Effective Mounter



The Mx200 Series machines have a single gantry structure based on 6 axes head. Their economical compact size ensures maximum productivity per unit area.

Mx200

Six axes, high speed head which improves productivity.

Mx200P

Four axes precision head to ensure mounting of variable components.

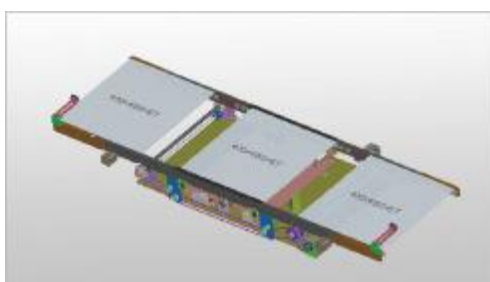
Mx200L

Large board available up to 680 x 460mm

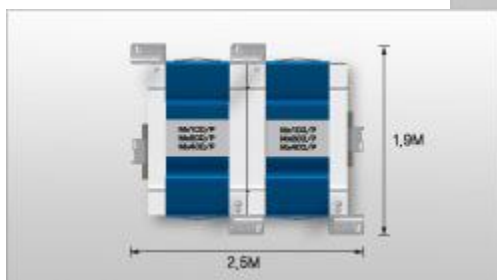
Mx200LP

Large board available up to 680 x 460mm

Minimized Space of Line Configuration



Six Axes High Speed Head



Single Conveyor with soft start/ stop technology



Detech Head Office

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Technical Specifications

Item		Mx200	Mx200P	Mx200L	Mx200LP
Optimal Condition	Chip (1005)	23,000 CPH (0.157 sec/chip)	17,000 CPH (0.212 sec/chip)	23,000 CPH (0.157 sec/chip)	17,000 CPH (0.212 sec/chip)
IPC-9850 Standard CPH	Chip (1005)	21,000 CPH (0.171 sec/chip)	15,000 CPH (0.240 sec/chip)	21,000 CPH (0.171 sec/chip)	15,000 CPH (0.240 sec/chip)
	QFP 208	N/A	1,200 CPH	N/A	1,200 CPH
Placement Accuracy	Chip (3 σ)	0.050mm			
	QFP (3 σ)	N/A	0.025mm	N/A	0.025mm
Number Of Heads		6 Module	4 Module + 1 Precision	6 Module	4 Module + 1 Precision
Maximum Component Height		Module: 10mm	Module: 10mm Precision: 18mm	Module: 10mm	Module: 10mm Precision: 18mm
Component Range (FOV 24mm)	Single FOV	0603 ~ 24*18mm			
Component Range (FOV 36mm)	Single FOV	N/A	42*32mm	N/A	42*32mm
	Multiple FOV	N/A	~□ 50mm, 90*30mm	N/A	~□ 50mm, 90*30mm
Minimum Lead Pitch	FOV 24mm Camera	0.30mm			
	FOV 36mm Camera	N/A	0.38mm	N/A	0.38mm
PCB Size (L x W x H)	Minimum	50 x 50 x 0.4mm			
	Single Lane	410 x 460 x 5.0mm 680 x 460 5.0mm(Optional)		680 x 460 x 5.0mm 1,200 x 460 x 5.0mm(Optional)	
	Dual Lane	-			
	Weight (max.)	2kg			
Conveyor Width Adjustment		Manual Width Adjustment / Automatic Width Adjustment (Option)			
Feeder Slot	Standard	80EA (40 x 2)		100EA (50 x 2)	
	Option 1	N/A			
	Option 2	N/A	40EA / TF5	N/A	50EA / TF5 + 20EA
Monitor & Operation Panel		Front Standard / Rear (Option)			
Power Requirements		3 Phase 200/208/220/230/240/380/400/415/430(V), 50/60Hz			
Power Consumption		Approx. 3KVA			
Air Pressure		0.54Mps			
Air Consumption		Approx. 180NI/min	Approx. 160NI/min	Approx. 180NI/min	Approx. 160NI/min
Weight		Approx. 1,200 Kg		Approx. 1,300 Kg	
Dimensions (L x W x H), Cover only		1,200 x 1,900 x 1,500mm		1,450 x 1,900 x 1,500mm	

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