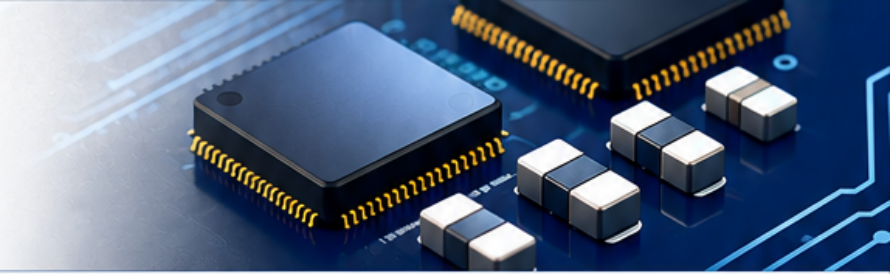




QM6064




High-Performance Pick and Place Machine



TECHNICAL SPECIFICATIONS

Category	Item	Specification
 Placement Performance	Number of Placement Heads	6 (high-accuracy)
	Number of IC Trays	1
	Number of Feeders	64 (subject to 8mm feeder)
	Positioning Accuracy	±0.01 mm
	Repeated Mounting Accuracy	±0.02 mm
	Range of Mounting Speed	9,000 ~ 10,000 Pcs/h
 Applicable Components	Supported Maximum Area of PCB	500 × 370 mm
	Feeders	Electric feeder, pneumatic feeder, vibrating feeder, IC tray etc.
	Recognition Devices	Mark camera × 1, fast recognition camera × 6, high-precision camera × 1
	Maximum Height of Applicable Components	≤ 7 mm
	Recognition Methods	Simultaneous recognition and picking with six heads
	PCB Convey Mode	Three-stage entry, automatic connection from left to right, automatic PCB positioning
	Mark Positioning	Manual / Automatic
	Programming Method	Automatic programming after manually importing files of PCB coordinates
	Maximum Step Length of XY Axis	629 mm × 679 mm
	Tracks of XY Axis	Double linear motion guide + double ground ball screw
Motion Mode of XY Axis	Intelligent linkage of acceleration and deceleration of curve and line, integrated linear interpolation algorithm	

ELECTRICAL & SYSTEM SPECIFICATIONS

Category	Item	Specification
 Control & System	Control Computer	Industrial control computer with Intel high-performance processor
	Driver	High-speed DSP driver
	Operating System	Windows OS
	Vision Display	17-inch industrial control display
 Utilities & Power	Power Supply	110 volts / 220 volts, 50/60Hz
	Average Power	600W
	Air Supply Requirements	Oil water filter, ≥ 60 PSI, dust filter and air pressure stabilizer etc.
	Range of Air Supply Pressure	7 ~ 87 PSI
 Mechanical Specifications	Vacuum Supply of Nozzle	Japanese CKD vacuum generator integrating the high-speed vacuum burst function
	Adjusting Method of Tracks	Electric
	Range of Nozzle Buffer	4.5 mm
	Maximum Step Length of Z Axis	20 mm
	Range of Angle for Components	±180°
	Motor	AC Servo Motor
	Machine Dimensions (L × W × H)	52 × 54 × 53 in
Weight	965 lbs	

SOFTWARE OPERATION



Intelligent Operation
User-friendly interface for efficient machine operation



Data Management
Real-time production data monitoring and analysis



Stable & Reliable
Advanced control system ensures stable performance



Easy Import
Quick import of PCB coordinates for fast programming