



Fully Automatic Pick & Place Machine

[Information](#)
Model: BS391V1 / BS391V2
[Option](#)

	BS391V1	BS391V2
No. of Head (Vision On The Fly)	1	2
Max Speed (under the optimum condition)	4000cph	6400cph
Feeder capacity (8/12mm)Without conveyor	up to 160	
Feeder capacity (8/12mm)With conveyor	up to 96	
IC Tray capacity	up to 4 Waffle trays	
	up to 14 Waffle tray with TH-14 Tray Handler (option)	
Component Size (mm)		
- Smallest	0.6 x 0.3	
- Largest (On the Fly)	16 x 14	
- Largest (by Extra Bottom Vision)	38 x 38	
	(50 x 50 with option BV50)	
Resolution	X/ Y axis 0.005mm DC servo motor (Linear Encoder)	
	Z axis 0.02mm DC servo motor	
Rotation	0 to 360degree (0.045/ setp DC servo motor)	
Repeat Accuracy	+/- 0.03mm	
PCB size w/o conveyor	Up to 660x365mm without Waffle Tray	
	Up to 660x335mm with 1 Waffle Tray	
PCB size with conveyor	Min: 50x50	
	Max. 660 X330 without Waffle Tray	
	Max. 660X283 with 1 Waffle Tray	
	660X145 with 2 Waffle Trays	
	660X145 with 3 Waffle Trays	
Programming	Vision teach-in	
	Direct input	
	CAD Access	
Component Sense	Vacuum detection	
Main Control & display	Industrial PC & VGA color monitor	
Machine Size	1080 X 1050 X 1350mm (L x W x H)	
Weight	500kg	
Power	100/240V,AC,1300W	
Pressure	75 psi(5.5 bar)	

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