ADVANCED FLEXIBLE MOUNTER CM-S21

Overview

CM-S21 Adopt servo motor driven system with 1 gantry and 6 spindle , and the motion centering technique of Gigabit six flying camera, the efficiency of mounting is greatly improved, and the bus control technology with the modular cabling makes machine running fast and stably.

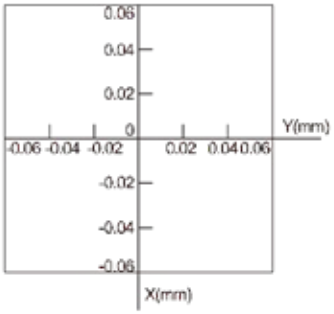
- Theorical max mounting speed :18000 CPH
- Real mounting speed: around 10000 CPH
- 1 gantry* 6 Spindles
- Applicable parts :0402~28*22mm
- SOP.QFP（H15mm）
- Applicable PCB :Min. 50(W)* 50(L)mm
- Max .300(W)*500(L)mm
- High speed ,high precision and electrically driven feeder
- Feeder station: 8mm Feeder *32pcs
- Rated power:1.5K

ADVANCED HIGH SPEED FLEXIBLE MOUNTER CM-S21

Realizes Placement Speed of 10,000 CPH (real mounting speed)

Realizes the highest placement speed of 10000 CPH with 6 spindles as well as optimized pickup/placement motion.

Placement Accuracy Correction System

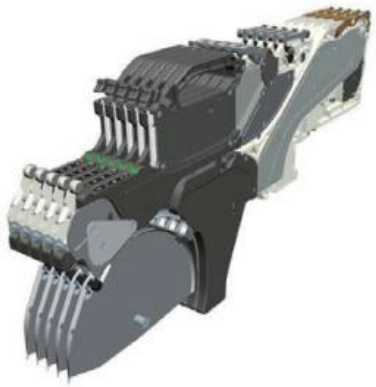


Chip ±50μm(Cpk ≥1.0)
The newly upgraded placement accuracy calibration system automatically checks and corrects the pickup point offset, head offset, C/V offset, etc. to allow reliable part placeme

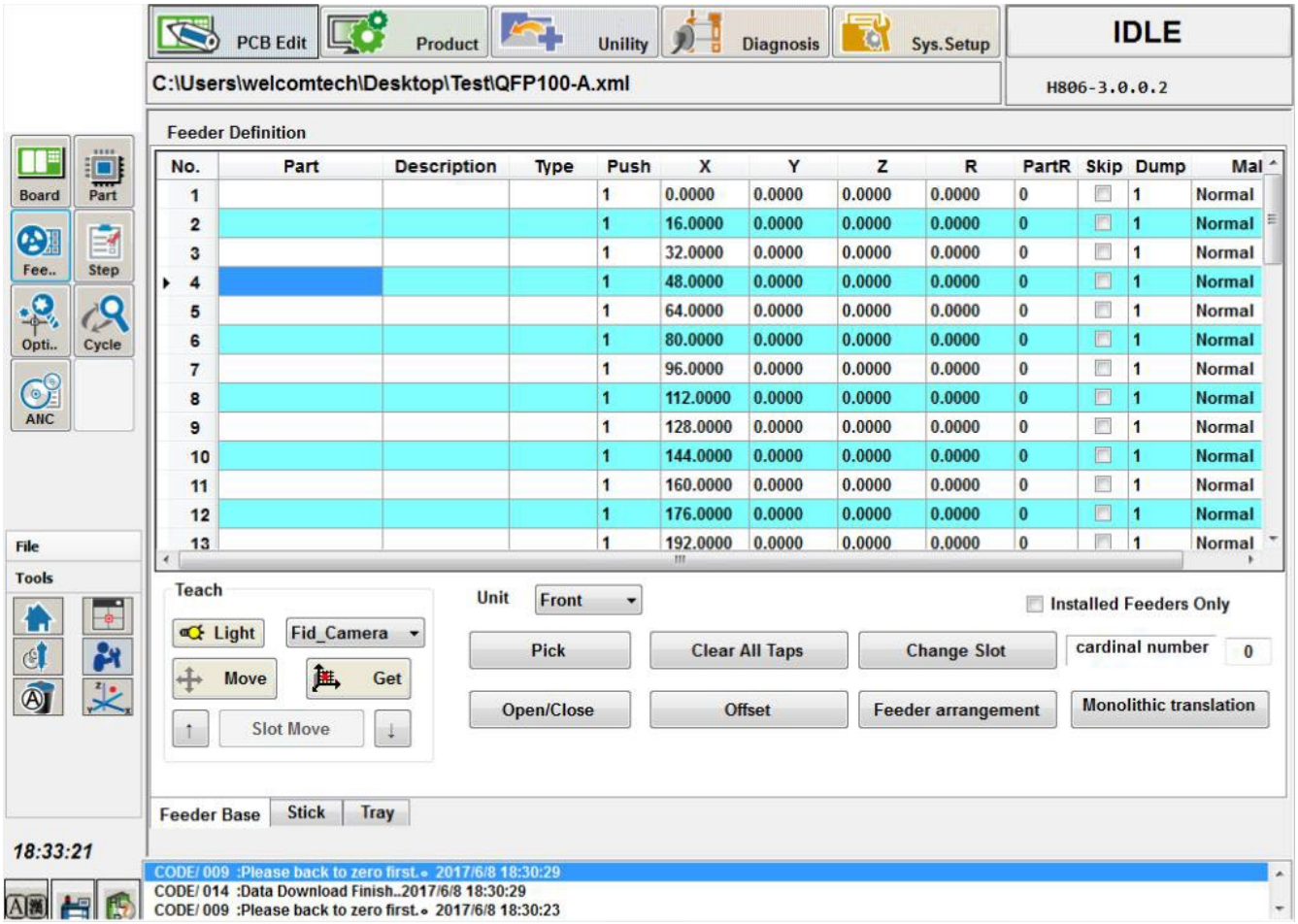
Reinforced Applicability to Parts and PCBs

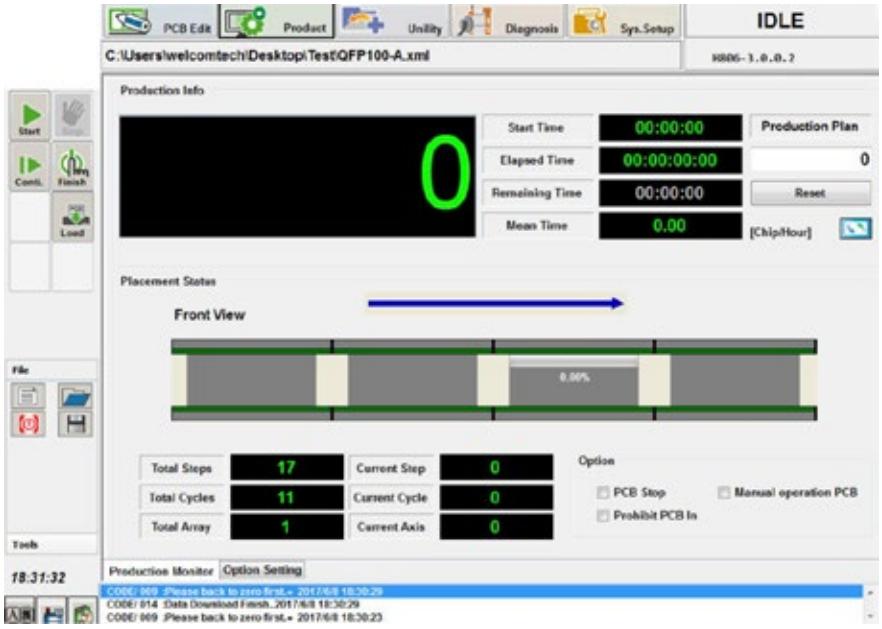
- Applicable to parts from 0402 to 28*22mm(H15mm) parts
- Applicable to Max. 500(L) x

Electrically Driven Speed and High Precision Feeder



Easy-operated Software





Specifications

Machine model	CM-S21
Alignment	Fiducial camera +mobile vision and stage vi
Number of Spindles	1 gantry *6 spindles
Driving method	X /Y/with servo motor, Z with step mo
Mounting speed	18000 CPH (max theorical mounting speed) 10000 CPH (real mounting speed)
Component range	0402~28*22mm SOP.QFP（H15
PCB	Min.50(w)*50(L)mm Standard：300(W)*500(L)mm Thickness: 0.5-4m
Conveyor	Only Left to right, 900+/-20mm
Feeder station	32 pcs *8m
Placement accuracy	±50μm@μ+3σ（based on standard chips）
Power supply/air pressure	AC 220V /50HZ, 0.5~0.77Mpa
Power	1.5KW
Machine size	1310(L)*1280(W)*1420(H)mm