

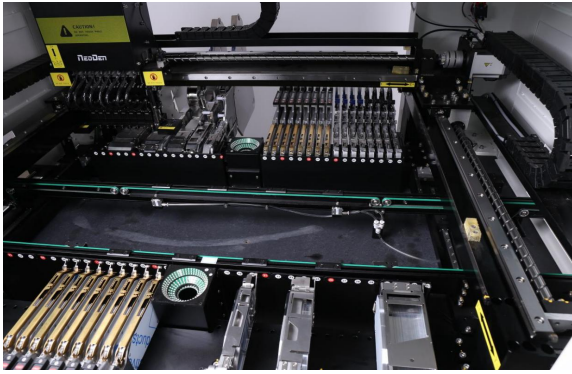
NeoDen®



NeoDen10 Technical Parameter :

Number of Heads	8
Number of Tape reel Feeders	66(Electric/Pneumatic)
Number of IC Tray	20
Placement Area	500mm*300mm (1500mm optional)
MAX Mounting Height	16mm
Mark camera recognition system	2 Groups (left and right) / US ON sensors
Flying camera recognition system	2 Groups (front and rear) / US ON sensors
Operation System	Patented SMT Mounting Operation System V1.0
XY Motion feedback control	right-left/left-right SPM/IBG magnetic linear encoder
XY Drive motor	Panasonic A6 750W servo motor
Repeat Position Accuracy	0.01mm
Maximum Mounting Speed	18000CPH
Average Mounting Speed	13000CPH
X/Y Drive Type	WON Linear Guide / THK Grinding screw C5 - 2040
Compressed Air	>0.6Mpa ,Max. flow rate 37L/min
Voltage	AC110V/220V, 50HZ/60HZ
Net Weight	1100KGS
Machine Dimensions	L1300mm*W1100mm*H1375mm

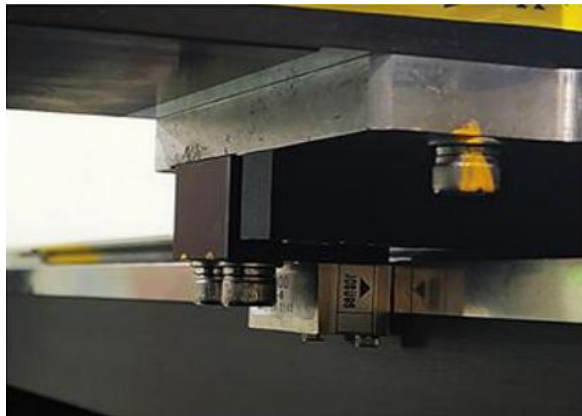
NeoDen10 Highlights and Advantages



Equips double mark camera + double side high precision flying camera ensure high speed and accuracy, real speed up to 13,000 CPH. Using the real-time calculation

Place 0201, QFN and QFP Fine-pitch IC with high accuracy

Marbel body, weight 1100KG, stand solid without shaking



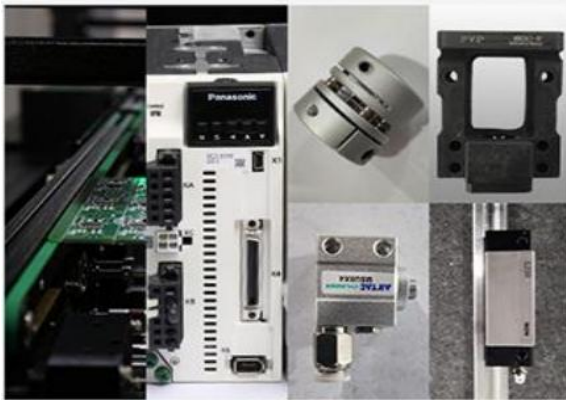
The magnetic linear encoder system real-time monitor the machine's accuracy and enables machine to correct error parameter automatically



Front and rear with 2 fourth generation high speed flying camera recognition systems, US ON sensors, 28mm industrial lens, for flying shots and high accuracy recognition



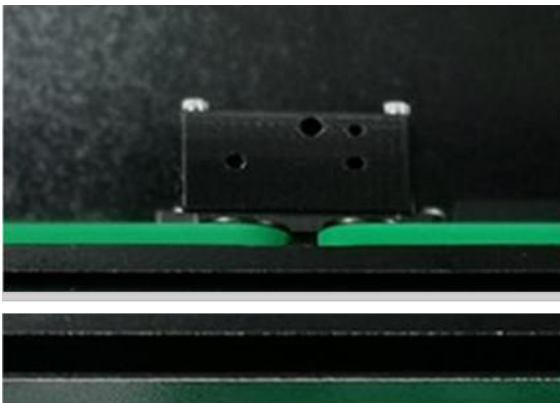
8 independent heads with fully closed-loop control system support all 8mm feeder pick up simultaneously, speed up to 13,000 CPH



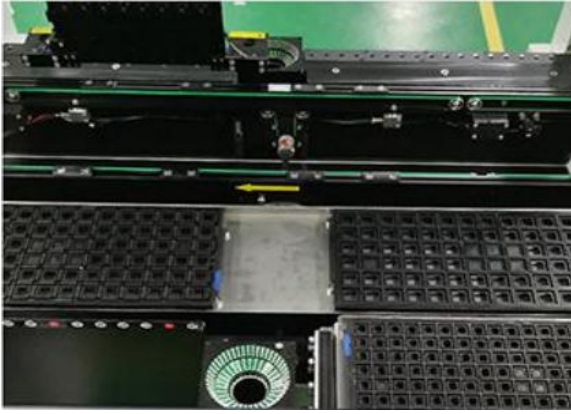
Brand functional parts
Japan: THK-C5 grade grinding screw, Panasonic A6 servo motor, Miki high performance coupling;
Korea: Sungil base, WON linear guide, Airtac valve and other industrial brand parts
All with precision assembly, less wear and aging, stable and durable precision .



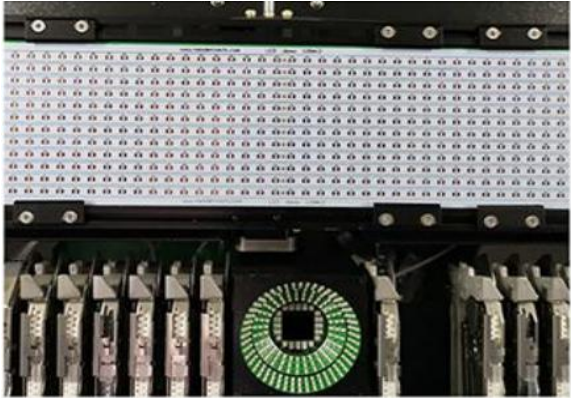
Mouting height Up to 16mm, precision design and stable performance



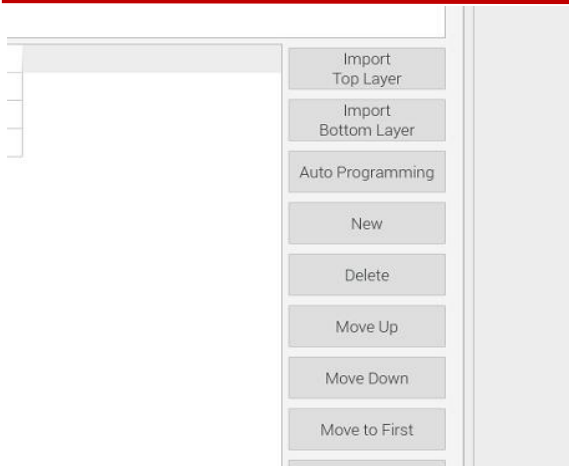
Patented sensor, besides common PCB , can also mount black PCB with high accuracy



**Support up to 4 pallet tray of chips (optional configuration),
larger range and more option**



Support 1.5M LED light bar placement (optional configuration)



Programming interface, easy to operate, more intelligent
1.1-click to import coordinates, can identify top/bottom layer; automatically get the existing component footprint library, factory standard footprint library;
2.1- click to add similar footprint library, only need add once, existing footprint library can be automatically identified;
3.Upgrade software FOC for life time



Raise PCB automatically, keeps PCB on the same surface level during placement, ensure high accuracy

Quick Facts About NeoDen

Established in 2010 with 100+ employees & 8000+ Sq.m. factory of independent property rights, to ensure the standard management and achieve the most economic effects as well as saving the cost;

Owned the own machining center,skilled assembler,tester and QC engineers,to ensure the strong abilities for NeoDen machines manufacturing,quality and delivery;

40+ global partners covered in Asia,Europe,America,Oceania and Africa,to successfully serve 10000+ users in all of the world,to ensure the better and faster local service and prompt response;

3 different R&D teams with total 25+ professional R&D engineers,to ensure the better and more advanced developments and new innovation;

Skilled and professional english support&service engineers,to ensure the prompt response within 8 hours,solution provides within 24 hours;

The unique one among all of the Chinese manufacturers who registered and approved CE by TUV NORD;

NeoDen supplies life-long technical support and service for all of the NeoDen machines, moreover,regular software updates based on the using experiences and actual daily request from the endusers.