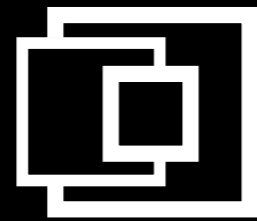


Osai Automation Systems



OSAI A.S. S.p.A. SB
Via Cartiera, 4 - 10010 Parella (TO) - ITALY
Tel: +39 0125 66.83.11
sales@osai-as.com - www.osai-as.com

NEO PLATFORM FOR **ELECTRONIC**
FLEXIBILITY AND ACCURACY FOR ELECTRONICS APPLICATIONS



NEOMARK TWIN
LASER MARKING



NeoMark Twin is a marking system dedicated to mass production and to high density multiplates.

KEYPOINTS:

- LASER CO₂ - Green - Fiber
- Fiducial check
- 100% data and quality level check
- Bad label recognition
- PCB supplier logo recognition
- OCR for PCB version recognition
- Optical check
- PCB polarization check
- Automatic parameter adjustment
- Automatic width adjustment
- Full library
- Tailored DB communication



NEOMARK EASY
LASER MARKING



NeoMark Easy is the topnotch equipment for customers who need inline machine. Its technology allows to have high quality, fast cycle time (60% time saving compared with conventional Laser Marking systems), flexibility and affordable price.

KEYPOINTS:

- LASER CO₂ - GREEN - FIBER
- Fiducial check
- 100% data and grading check
- Bad label recognition
- PCB supplier logo recognition
- Optical check
- PCB polarization check
- Automatic width adjustment
- Full library
- Tailored DB communication



NEOROUTER MODULA
MECHANICAL ROUTING



NeoRouter is the ideal solution for mechanical separation of PCB panels. Due to his high flexibility, NeoRouter is ideal for high volume mass-production but also for high mix, thanks to the special clamping head that doesn't require modifications (except the fingers) when the product changes. NeoRouter is SMEMA compliant.

KEYPOINTS:

- High throughput
- High Flexibility
- Fixtureless
- Optical Camera
- Automatic bit change
- Flexible routing configuration
- Multiple options for separated PCB's unloading
- High reliability



NEOCUT EASY
LASER DEPANELING



NeoCut Easy is a Laser depaneling equipment, based on OSAI Laser Cut Technology, capable of performing clean and safe cuts without generating neither dust nor mechanical stress on the electronic components.

KEYPOINTS:

- Rigid PCB depaneling
- High cutting accuracy
- Zero mechanical stress
- Optical camera
- Stand alone or In Line
- Zero dust
- Clean cut
- Sorting capability
- Low cost of ownership
- Suitable
- Double speed



NEOCUT SHAPE
LASER DEPANELING



The flexible circuit market is primarily driven by the demand for smaller and lighter products; those FPCBs require tighter tolerances and smaller spacing to cut the board after component placement. NeoCut Shape performs highly accurate cutting operations, without mechanical stress on components.

KEYPOINTS:

- LASER UV - XV - ULTRAFAST
- High quality cut
- Cutting area 480x480 mm
- Zero mechanical stress
- Programmable focus position
- Programmable spot size
- High cutting accuracy
- Pressurized optical path
- Integrated power meter
- High efficiency fumes and dust extraction
- Stand alone or In Line

