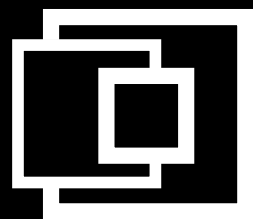


Osai Automation Systems

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NEO SYSTEMS FAMILY
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 those customers who need In Line machines. 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
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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

