



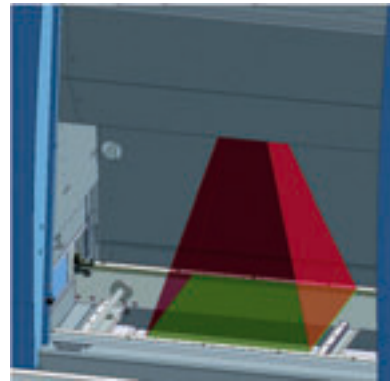
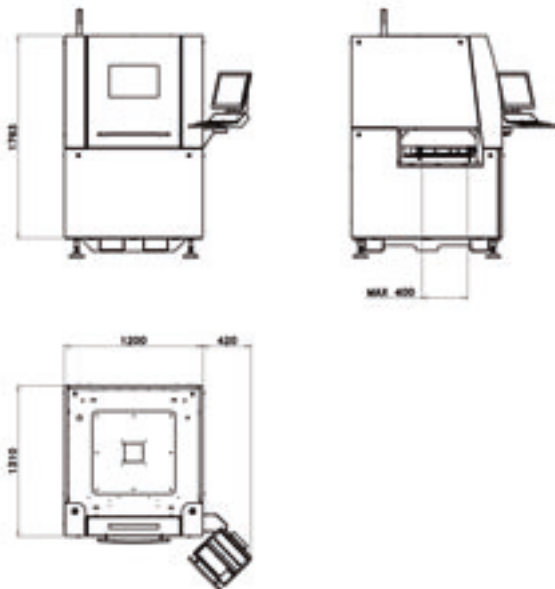
# neo mark Y400

THE ULTIMATE AUTOMATIC SOLUTION FOR LASER MARKING, TRIMMING & SCRIBING

- Widest working area (400x400 mm)
- Fixed laser head, no mechanical move
- Highest precision
- In Line and Off Line configurations
- Easy and intuitive interface
- Fast batch change
- Visual marking test Pre & Post production
- Vacuum cleaning double head
- PC controlled
- CAD data import
- Code verification with integrated scanner
- 1D, 2D codes and OCR marking
- Bad board recognition
- Double side marking as option
- Data management and optional traceability integration
- Optional two sides cleaning head



Distributed by:



Working area 400x400

#### Tech Spec

Dimensions	<b>1200x1310x1800 mm (LxWxH)</b>
Weight	<b>1100 Kg</b>
Total working area	<b>up to 400 x 400 mm<sup>2</sup> (min. 50 mm<sup>2</sup>)</b>
LASER safety class	<b>CLASS 1 (EN60825-1)</b>

#### Installation Requirements

Power supply	<b>11/N/PE AC 230V/50Hz</b>
Power consumption	<b>2,5KW</b>
Operating voltage	<b>AC230, DC 24, 12 V</b>
Compressed air	<b>5 ÷ 6 bar dry and oil free</b>
Air consumption	<b>20NI/min</b>

#### Marking

All types of 1D and 2D simbologies;  
Bare Code: Code 128, EAN/UCC 128 (Code Type A,B,C), Code 39;  
PDF and standard simbologies;  
Data Matrix ECC200 (fixed or variable rows/columns)

#### Accuracy

Positioning:	
Galvo Accuracy	<b>0,005 mm.</b>
Repeatability	<b>0,005 mm.</b>

#### PCB dimenions

PCB length min./max	<b>80÷410 mm.</b>
PCB width min./max	<b>60÷410 mm.</b>
PCB thickness min./max	<b>0,8÷4 mm.</b>
Absolute plane offset	<b>+80 mm.</b>

#### Laser source

Source: Y **Diode pumped Nd: Yag 30W;**  
**Area specific power modulation;**  
**Integrated cooling;**  
**Galvo 3D head with motorized dynamic focus;**  
**High dynamic galvo motors.**  
**Min. spot 0,15 mm. (DM 6mils)**

Source: C **CO2 sealed chamber 60W;**  
**Integrated cooling;**  
**Galvo 3D head with motorized dynamic focus;**  
**High dynamic galvo focus.**

#### Options

Vacuum cleaner:	
Vacuum	<b>2200 mm/WS</b>
Air volume	<b>250 m<sup>3</sup> /h</b>