ExactMark 210

Versatile Laser Marking Machine Combines Economy and Performance

The ExactMark 210 is a flexible marking machine that provides the features and performance of larger and much more costly marking systems in a compact and easy-to-use platform. It is ideal for marking small to medium batch sizes of Machine Tools, Consumables, Medical Devices, and Electrical Components. Because it is available with a choice of IR (1064 nm), green (532 nm) or UV (355 nm) lasers, the ExactMark 210 can be configured to produce sharp, high-contrast marks on nearly any material. An optional integrated vision system and simple user interface eliminates operator subjectivity and delivers excellent results every time.

FEATURES

- Available with PowerLine E, PowerLine E Air, PowerLine F
- Various marking field sizes for single parts or trays, e.g., JEDEC
- Simple user interface for creation of recipes and job execution
- Up to two axes of motion – including support for marking on-the-fly
- Optional integrated TTL vision system to automate part alignment
- Optional on-demand exhaust system minimizes power consumption and acoustic noise

APPLICATIONS

- Medical Devices and Instruments
- Machine Tools
- Consumer Goods
- Electrical Components

COHERENT®
Superior Reliability & Performance

SIZE & WEIGHT	ExactMark 210
Width without monitor arm max. with monitor arm	 700 mm (27.56 in.) 1780 mm (70.08 in.)
Depth with rear extension	1197 mm (47.13 in.) 1500 mm (59.06 in.)
Height with signal pillar with open front door	1940 mm (76.38 in.) 2170 mm (85.43 in.) 2250 mm (88.58 in.)
Weight (max.)	500 kg (1102.31 lbs.)
AREA NECESSARY	
Depth	1600 mm (62.99 in.)
Width	1800 mm (70.87 in.)
Height	approx. 2500 mm (98.43 in.)
Area (m²)	3
POSITIONING LINEAR AXIS	
Z - axis	300 mm (11.81 in.)
X - axis	200 mm (7.87 in.), optional
W - rotary axis	optional
MAXIMUM WEIGHT OF WORK PIECE	
Max. Weight of Work Piece (incl. fixture)	30 kg (66.14 lbs.) (on baseplate)
ELECTRICITY	
Input Fuse (A)	16
Nominal Voltage (V)	230 (±10%); (1P / N / PE)
Nominal Frequency (Hz)	50/60; neutral conductor loaded
Power Input (kVA)	1.4 (at 50 Hz)
Supply Line	2-pin CEE 7/4 plug; Type F; 3 x 1.5 mm² (P/N/PE)
PNEUMATIC PROVISION	
Media	Filtered compressed air, not oily
Working Pressure	6 bar max.
Temperature Range	-10 to +60°C (14 to 140°F)
Connection Diameter	6 mm (0.24 in.)
LASER SAFETY CLASS	
Laser Safety Class 1 according to EN (IEC) 60825-1:2014	

MECHANICAL SPECIFICATIONS

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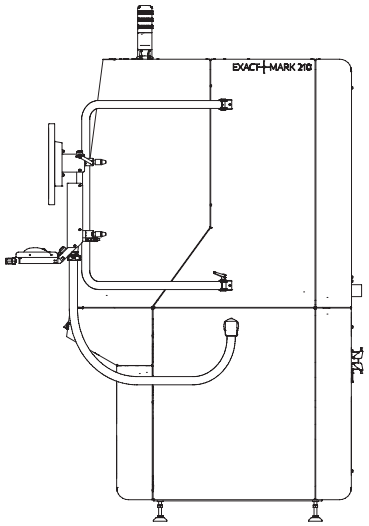
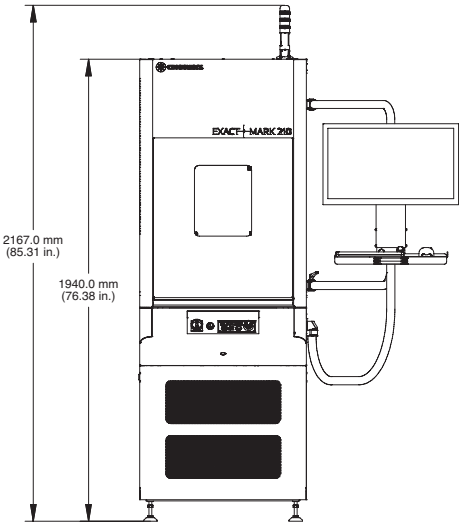
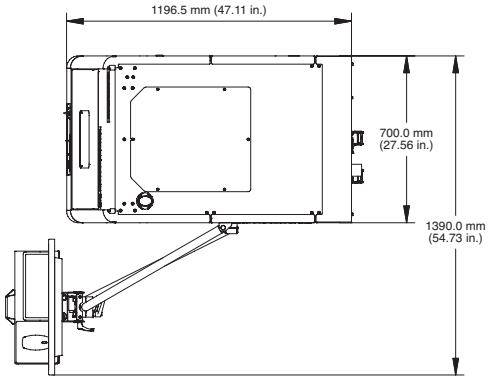
Side View



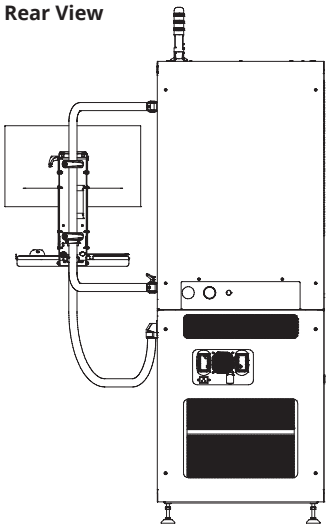
Front View



Top View



Rear View



COHERENT

Coherent, Inc.,
5100 Patrick Henry Drive Santa Clara, CA 95054
p. (800) 527-3786 | (408) 764-4983
f. (408) 764-4646

tech.sales@coherent.com **www.coherent.com**