



# One-box lasers

Technical data



## TruMark 1110

## TruMark 5010

### LASER PARAMETERS

BEAM QUALITY (M <sup>2</sup> )	< 1.5	< 1.6
WAVELENGTH	1064 nm	1062 nm ± 3 nm
PULSE REPETITION FREQUENCY	cw, 15 kHz - 100 kHz	1 kHz - 200 kHz
MIN. FOCAL DIAMETER	50 µm with focal length 160 mm	45 µm
MAX. INTERNAL FOCAL POSITION CONTROL	± 7 mm with focal length 160 mm	± 24 mm with focal length 254 mm
MAX. MARKING FIELD SIZE	110 mm x 110 mm with focal length 160 mm	170 mm x 170 mm with focal length 254 mm

### STRUCTURAL DESIGN

DIMENSIONS OF LASER HEAD (W X H X D)	172 mm x 236 mm x 333 mm	250 mm x 175 mm x 430 mm
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### INSTALLATION

PROTECTION TYPE	IP54	IP54
AMBIENT TEMPERATURE	15 °C - 40 °C	15 °C - 40 °C