TruMark Series 3000

Technical data

TRUMPF

	TruMark 3330	TruMark 3020	TruMark 3130
LASER PARAMETERS			
BEAM QUALITY (M^2)	< 1.5	< 1.5	1.2
WAVELENGTH	355 nm	1064 nm	1064 nm
PULSE REPETITION FREQUENCY	1 kHz - 120 kHz	cw, 1 kHz - 100 kHz	cw, 1 kHz - 100 kHz
MIN. FOCAL DIAMETER	16 µm with focal length 4 in.	30 µm with focal length 4 in.	28 µm with focal length 4 in.
MAX. INTERNAL FOCAL POSITION CONTROL	± 30 mm with focal length 13 in.	± 60 mm with focal length 16.5 in.	± 60 mm with focal length 16.5 in.
MAX. MARKING FIELD SIZE	220 mm x 220 mm with focal length 13 in.	290 mm x 290 mm with focal length 16.5 in.	290 mm x 290 mm with focal length 16.5 in.
STRUCTURAL DESIGN			
DIMENSIONS OF LASER HEAD (W X H X D)	138 mm x 207 mm x 450 mm	138 mm x 138 mm x 380 mm	138 mm x 138 mm x 380 mm
DIMENSIONS OF SUPPLY UNIT (W X H X D)	445 mm x 465 mm x 420 mm	445 mm x 465 mm x 420 mm	445 mm x 465 mm x 420 mm
INSTALLATION			
PROTECTION TYPE	IP54	IP54	IP54
AMBIENT TEMPERATURE	15 °C - 40 °C	15 °C - 40 °C	15 °C - 40 °C

	TruMark 3230
LASER PARAMETERS	
BEAM QUALITY (M^2)	< 1.2
WAVELENGTH	532 nm
PULSE REPETITION FREQUENCY	1 kHz - 100 kHz
MIN. FOCAL DIAMETER	15 µm with focal length 4 in.
MAX. INTERNAL FOCAL POSITION CONTROL	± 40 mm with focal length 330 mm
MAX. MARKING FIELD SIZE	230 mm x 230 mm with focal length 13 in.
STRUCTURAL DESIGN	
DIMENSIONS OF LASER HEAD (W X H X D)	138 mm x 138 mm x 380 mm
DIMENSIONS OF SUPPLY UNIT (W X H X D)	445 mm x 465 mm x 420 mm
INSTALLATION	
PROTECTION TYPE	IP54
AMBIENT TEMPERATURE	15 °C - 40 °C

Subject to changes. The information in our offer and our order confirmation is definitive.