

TRUMPF



TruFiber

Technical data

TRUMPF



TruFiber 500**TruFiber 1000****TruFiber 1000 New Generation****LASER PARAMETERS**

LASER POWER ON THE WORKPIECE	500 W	1000 W	1000 W
TYPICAL POWER CONSTANCY AT RATED POWER	± 1 % with active power regulation	± 1 % with active power regulation	± 1 % with active power regulation
CONTINUOUSLY ADJUSTABLE POWER RANGE	15 W - 500 W with active power regulation	30 W - 1000 W with active power regulation	30 W - 1000 W with active power regulation
WAVELENGTH	1075 nm ± 7 nm	1075 nm ± 7 nm	1075 nm ± 7 nm
DIAMETER OF LASER LIGHT CABLE	26 µm	26 µm	50 µm
LENGTH OF THE LASER LIGHT CABLE	-	-	-
BEAM QUALITY			2.1 mm ■ mrad

STRUCTURAL DESIGN

DIMENSIONS, COMPACT VERSION (W X H X D)	448 mm x 568 mm x 705 mm	448 mm x 568 mm x 705 mm	448 mm x 568 mm x 896 mm
DIMENSIONS, STAND ALONE VERSION (W X H X D)	600 mm x 1600 mm x 850 mm	600 mm x 1600 mm x 850 mm	600 mm x 1600 mm x 850 mm
MAXIMUM NUMBER OF LASER LIGHT CABLES	1	1	1

INSTALLATION

AMBIENT TEMPERATURE	5 °C - 45 °C	5 °C - 45 °C	5 °C - 45 °C
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TruFiber 1500**TruFiber 2000****TruFiber 2000 New Generation****LASER PARAMETERS**

LASER POWER ON THE WORKPIECE	1500 W	2000 W	2000 W
TYPICAL POWER CONSTANCY AT RATED POWER	± 1 % with active power regulation	± 1 % with active power regulation	± 1 % with active power regulation
CONTINUOUSLY ADJUSTABLE POWER RANGE	45 W - 1500 W with active power regulation	60 W - 2000 W with active power regulation	60 W - 2000 W with active power regulation
WAVELENGTH	1075 nm ± 7 nm	1075 nm ± 7 nm	1075 nm ± 7 nm
DIAMETER OF LASER LIGHT CABLE	26 µm	26 µm	50 µm
LENGTH OF THE LASER LIGHT CABLE	10 m	10 m	20 m
BEAM QUALITY			2.1 mm ■ mrad

STRUCTURAL DESIGN

DIMENSIONS, COMPACT VERSION (W X H X D)	448 mm x 568 mm x 896 mm	448 mm x 568 mm x 896 mm	448 mm x 568 mm x 896 mm
DIMENSIONS, STAND ALONE VERSION (W X H X D)	-	-	-
MAXIMUM NUMBER OF LASER LIGHT CABLES	1	1	1

INSTALLATION

AMBIENT TEMPERATURE	5 °C - 45 °C	5 °C - 45 °C	5 °C - 45 °C
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TruFiber 2001 New Generation

LASER PARAMETERS

LASER POWER ON THE WORKPIECE	2000 W
TYPICAL POWER CONSTANCY AT RATED POWER	± 1 % with active power regulation
CONTINUOUSLY ADJUSTABLE POWER RANGE	60 W - 2000 W with active power regulation
WAVELENGTH	1075 nm ± 7 nm
DIAMETER OF LASER LIGHT CABLE	100 µm
LENGTH OF THE LASER LIGHT CABLE	20 m
BEAM QUALITY	3.3 mm • mrad

STRUCTURAL DESIGN

DIMENSIONS, COMPACT VERSION (W X H X D)	448 mm x 568 mm x 896 mm
DIMENSIONS, STAND ALONE VERSION (W X H X D)	-
MAXIMUM NUMBER OF LASER LIGHT CABLES	1

INSTALLATION

AMBIENT TEMPERATURE	5 °C - 45 °C
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