



TruFiber P

Technical data

**TruFiber 3000 P
(Multi Mode)****TruFiber 3001 P****TruFiber 3002 P****LASER PARAMETERS**

LASER POWER ON THE WORKPIECE	3000 W	3000 W	3000 W
TYPICAL POWER CONSTANCY AT RATED POWER	± 0.5 %	± 0.5 %	± 0.5 %
CONTINUOUSLY ADJUSTABLE POWER RANGE	60 W - 3000 W	60 W - 3000 W	60 W - 3000 W
BEAM QUALITY	2.1 ± 0.3 mm ■ mrad	-	8 ± 1 mm ■ mrad
WAVELENGTH SPECTRUM	1069 nm - 1077 nm	1069 nm - 1077 nm	1069 nm - 1077 nm
DIAMETER OF LASER LIGHT CABLE	50 µm	100 µm	200 µm
LENGTH OF THE LASER LIGHT CABLE	20 m	20 m	20 m

STRUCTURAL DESIGN

WIDTH	600 mm	600 mm	600 mm
HEIGHT	1000 mm	1000 mm	1000 mm
DEPTH	1146 mm	1146 mm	1146 mm

INSTALLATION

AMBIENT TEMPERATURE	5 °C - 45 °C	5 °C - 45 °C	5 °C - 45 °C
---------------------	--------------	--------------	--------------

**TruFiber 4000 P
(Multi Mode)****TruFiber 4001 P****TruFiber 6000 P
(Multi Mode)****LASER PARAMETERS**

LASER POWER ON THE WORKPIECE	4000 W	4000 W	6000 W
TYPICAL POWER CONSTANCY AT RATED POWER	± 0.5 %	± 0.5 %	± 0.5 %
CONTINUOUSLY ADJUSTABLE POWER RANGE	80 W - 4000 W	80 W - 4000 W	120 W - 6000 W
BEAM QUALITY	2.1 ± 0.3 mm ■ mrad	-	2.1 ± 0.3 mm ■ mrad
WAVELENGTH SPECTRUM	1069 nm - 1077 nm	1069 nm - 1077 nm	1069 nm - 1077 nm
DIAMETER OF LASER LIGHT CABLE	50 µm	100 µm	50 µm
LENGTH OF THE LASER LIGHT CABLE	20 m	20 m	20 m

STRUCTURAL DESIGN

WIDTH	600 mm	600 mm	600 mm
HEIGHT	1000 mm	1000 mm	1000 mm
DEPTH	1146 mm	1146 mm	1146 mm

INSTALLATION

AMBIENT TEMPERATURE	5 °C - 45 °C	5 °C - 45 °C	5 °C - 45 °C
---------------------	--------------	--------------	--------------

TruFiber 6001 P**TruFiber 6002 P****LASER PARAMETERS**

TruFiber 6001 P**TruFiber 6002 P**

LASER POWER ON THE WORKPIECE	6000 W	6000 W
TYPICAL POWER CONSTANCY AT RATED POWER	± 0.5 %	± 0.5 %
CONTINUOUSLY ADJUSTABLE POWER RANGE	120 W - 6000 W	120 W - 6000 W
BEAM QUALITY	-	8 ± 1 mm ■ mrad
WAVELENGTH SPECTRUM	1069 nm - 1077 nm	1069 nm - 1077 nm
DIAMETER OF LASER LIGHT CABLE	100 µm	200 µm
LENGTH OF THE LASER LIGHT CABLE	20 m	20 m

STRUCTURAL DESIGN

WIDTH	600 mm	600 mm
HEIGHT	1000 mm	1000 mm
DEPTH	1146 mm	1146 mm

INSTALLATION

AMBIENT TEMPERATURE	5 °C - 45 °C	5 °C - 45 °C
---------------------	--------------	--------------