



# TruFlow

Technical data



**TruFlow 2000****TruFlow 2700****TruFlow 3200****LASER PARAMETERS**

POWER CONSTANCY AT RATED LASER OUTPUT	± 2 %	± 2 %	± 2 %
CONTINUOUSLY ADJUSTABLE POWER RANGE	100 W - 2000 W	135 W - 2700 W	160 W - 3200 W
BEAM QUALITY, STANDARD (K / M <sup>2</sup> )	0.55 / 1,82	0.55 / 1,82	0.55 / 1,82
BEAM QUALITY, OPTIONAL (K / M <sup>2</sup> )	0.9 / 1.11	0.9 / 1.11	0.9 / 1.11
WAVELENGTH	10.6 µm	10.6 µm	10.6 µm
ADJUSTABLE PULSE DURATION	10 µs ... cw	10 µs ... cw	10 µs ... cw
TYPICAL POWER CONSTANCY AT RATED POWER			

**STRUCTURAL DESIGN**

DIMENSIONS OF BEAM GENERATOR (W X H X D)	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm
X	1420 mm x 2100 mm x 800 mm	1420 mm x 2100 mm x 800 mm	1420 mm x 2100 mm x 800 mm
DIMENSIONS OF RF GENERATOR AND CONTROL (W X H X D)			

**INSTALLATION**

AMBIENT TEMPERATURE, STANDARD	5 °C - 35 °C	5 °C - 35 °C	5 °C - 35 °C
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**TruFlow 4000****TruFlow 5000****TruFlow 6000****LASER PARAMETERS**

POWER CONSTANCY AT RATED LASER OUTPUT	± 2 %	± 2 %	± 2 %
CONTINUOUSLY ADJUSTABLE POWER RANGE	200 W - 4000 W	250 W - 5000 W	300 W - 6000 W
BEAM QUALITY, STANDARD (K / M <sup>2</sup> )	0.55 / 1,82	0.55 / 1,82	0.55 / 1,82
BEAM QUALITY, OPTIONAL (K / M <sup>2</sup> )	0.9 / 1.11	0.9 / 1.11	0.35 / 2,86
WAVELENGTH	10.6 µm	10.6 µm	10.6 µm
ADJUSTABLE PULSE DURATION	10 µs ... cw	10 µs ... cw	10 µs ... cw
TYPICAL POWER CONSTANCY AT RATED POWER			

**STRUCTURAL DESIGN**

DIMENSIONS OF BEAM GENERATOR (W X H X D)	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm
X	1420 mm x 2100 mm x 800 mm	1800 mm x 2100 mm x 800 mm	2000 mm x 2100 mm x 800 mm
DIMENSIONS OF RF GENERATOR AND CONTROL (W X H X D)			

**INSTALLATION**

AMBIENT TEMPERATURE, STANDARD	5 °C - 35 °C	5 °C - 35 °C	5 °C - 35 °C
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**TruFlow 8000****TruFlow 10000****TruFlow 12000****LASER PARAMETERS**

POWER CONSTANCY AT RATED LASER OUTPUT		± 2 %	
CONTINUOUSLY ADJUSTABLE POWER RANGE	400 W - 8000 W	500 W - 10000 W	600 W - 12000 W
BEAM QUALITY, STANDARD (K / M <sup>2</sup> )	0.55 / 1,82	0.52 / 1,9	0.26 / 3,8
BEAM QUALITY, OPTIONAL (K / M <sup>2</sup> )	0.35 / 2,86	-	-
WAVELENGTH	10.6 µm	10.6 µm	10.6 µm
ADJUSTABLE PULSE DURATION	10 µs ... cw	10 µs ... cw	10 µs ... cw
TYPICAL POWER CONSTANCY AT RATED POWER	± 2 %		± 2 %

**STRUCTURAL DESIGN**

DIMENSIONS OF BEAM GENERATOR (W X H X D)	1185 mm x 615 mm x 1150 mm	1185 mm x 615 mm x 1150 mm	1665 mm x 1100 mm x 1524 mm
X		3000 mm x 2100 mm x 800 mm	
DIMENSIONS OF RF GENERATOR AND CONTROL (W X H X D)	2000 mm x 2100 mm x 800 mm		3000 mm x 2100 mm x 800 mm

**INSTALLATION**

AMBIENT TEMPERATURE, STANDARD	5 °C - 35 °C	5 °C - 35 °C	5 °C - 35 °C
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**TruFlow 15000****TruFlow 20000****LASER PARAMETERS**

POWER CONSTANCY AT RATED LASER OUTPUT		
CONTINUOUSLY ADJUSTABLE POWER RANGE	750 W - 15000 W	1000 W - 20000 W
BEAM QUALITY, STANDARD (K / M <sup>2</sup> )	0.24 / 4,2	0.22 / 4,5
BEAM QUALITY, OPTIONAL (K / M <sup>2</sup> )	-	-
WAVELENGTH	10.6 µm	10.6 µm
ADJUSTABLE PULSE DURATION	10 µs ... cw	10 µs ... cw
TYPICAL POWER CONSTANCY AT RATED POWER	± 2 %	± 2 %

**STRUCTURAL DESIGN**

DIMENSIONS OF BEAM GENERATOR (W X H X D)	1665 mm x 1100 mm x 1524 mm	1665 mm x 1100 mm x 1524 mm
X		
DIMENSIONS OF RF GENERATOR AND CONTROL (W X H X D)	3000 mm x 2100 mm x 800 mm	5200 mm x 2100 mm x 800 mm

**INSTALLATION**

AMBIENT TEMPERATURE, STANDARD	5 °C - 35 °C	5 °C - 35 °C
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1 — Other optics configurations are available on request.