



TruLaser Tube 5000

Technical data



TruLaser Tube 5000

ROUND TUBE

MAXIMUM OUTSIDE DIAMETER	152 mm
MAXIMUM OUTSIDE DIAMETER (OPTIONAL)	170 mm ¹

RECTANGULAR PROFILE

MAXIMUM SIDE LENGTH AND OUTER CIRCLE DIAMETER	152 mm / 170 mm
MAXIMUM SIDE LENGTH AND OUTER CIRCLE DIAMETER (OPTIONAL)	180 mm / 180 mm ²

MAXIMUM RAW MATERIAL LENGTH FOR AUTOMATIC LOADING

FOR LOADMASTER TUBE 6.5 M	6500 mm
FOR LOADMASTER TUBE 8.0 M	8000 mm ³

FINISHED PART LENGTH

FOR UNLOADING UNIT 3 M	3000 mm
FOR UNLOADING UNIT 3 M + 1.5 M	4500 mm ³
FOR UNLOADING UNIT 6.5 M	6500 mm ³
FOR UNLOADING UNIT 6.5 M + 1.5 M	8000 mm ³

WORKPIECE WEIGHT

MAXIMUM PATH WEIGHT (STANDARD/OPTIONAL)	25 kg/m / - kg/m
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MAXIMUM RAW MATERIAL WEIGHT WITH AUTOMATIC LOADING

WITH LOADMASTER TUBE 6.5 M	162.5 kg
WITH LOADMASTER TUBE 8.0 M	200 kg

LASER-SPECIFIC DATA - TRUFLOW 2000

MAXIMUM LASER POWER	2000 W
MAXIMUM MATERIAL THICKNESS, MILD STEEL	8 mm
MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL	4 mm
MAXIMUM MATERIAL THICKNESS, ALUMINUM	3 mm

LASER-SPECIFIC DATA - TRUFLOW 2700

MAXIMUM LASER POWER	2700 W
MAXIMUM MATERIAL THICKNESS, MILD STEEL	10 mm ⁴
MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL	5 mm
MAXIMUM MATERIAL THICKNESS, ALUMINUM	4 mm

LASER-SPECIFIC DATA - TRUFLOW 3200

MAXIMUM LASER POWER	3200 W
MAXIMUM MATERIAL THICKNESS, MILD STEEL	10 mm ⁴
MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL	5 mm
MAXIMUM MATERIAL THICKNESS, ALUMINUM	4 mm

CONSUMPTION VALUES - TRUFLOW 2000

AVERAGE POWER INPUT IN PRODUCTION	17.5 kW
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CONSUMPTION VALUES - TRUFLOW 2700

TruLaser Tube 5000

AVERAGE POWER INPUT IN PRODUCTION

20 kW

CONSUMPTION VALUES - TRUFLOW 3200

AVERAGE POWER INPUT IN PRODUCTION

24 kW

Footnotes

1 — Round tubes with a diameter of 152 mm to 170 mm can only be manually loaded.

2 — Rectangular profiles with a side length of >152.4 mm can only be manually loaded

3 — Value for extended versions (option)

4 — With PierceLine (option)