



TruLaser Tube 7000 fiber

Technical data

TruLaser Tube 7000 fiber

ROUND TUBE

MAXIMUM OUTSIDE DIAMETER	254 mm
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RECTANGULAR PROFILE

MAXIMUM SIDE LENGTH AND OUTER CIRCLE DIAMETER	220 mm / 254 mm
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MAXIMUM RAW MATERIAL LENGTH FOR AUTOMATIC LOADING

FOR LOADMASTER TUBE 6.5 M	6500 mm
FOR LOADMASTER TUBE 9.2 M	9200 mm ¹
FOR LOADMASTER TUBE 12.5 M	12500 mm ¹

FINISHED PART LENGTH

FOR UNLOADING UNIT 4.5 M	4500 mm
FOR UNLOADING UNIT 4.5 M + 1.5 M	6000 mm ¹
FOR UNLOADING UNIT 6.5 M	6500 mm ¹
FOR UNLOADING UNIT 6.5 M + 1.5 M	8000 mm ¹

WORKPIECE WEIGHT

MAXIMUM PATH WEIGHT (STANDARD/OPTIONAL)	40 kg/m
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MAXIMUM RAW MATERIAL WEIGHT WITH AUTOMATIC LOADING

WITH LOADMASTER TUBE 6.5 M	260 kg
WITH LOADMASTER TUBE 9.2 M	368 kg ¹
WITH LOADMASTER TUBE 12.5 M	368 kg ^{1 2}

LASER-SPECIFIC DATA - TRUFIBER 4001

MAXIMUM LASER POWER	4000 W
MAXIMUM MATERIAL THICKNESS, MILD STEEL	10 mm
MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL	6 mm
MAXIMUM MATERIAL THICKNESS, ALUMINUM	6 mm
MAXIMUM MATERIAL THICKNESS, COPPER	5 mm
MAXIMUM MATERIAL THICKNESS, BRASS	5 mm
CONSUMPTION VALUES (AVERAGE POWER INPUT IN PRODUCTION)	10 kW

LASER-SPECIFIC DATA - TRUFIBER 6001

MAXIMUM LASER POWER	6000 W
MAXIMUM MATERIAL THICKNESS, MILD STEEL	14 mm / 10 mm
MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL	10 mm / 8 mm
MAXIMUM MATERIAL THICKNESS, ALUMINUM	10 mm / 8 mm
MAXIMUM MATERIAL THICKNESS, COPPER	5 mm
MAXIMUM MATERIAL THICKNESS, BRASS	5 mm
CONSUMPTION VALUES (AVERAGE POWER INPUT IN PRODUCTION)	12 kW

Subject to changes. The details in our offer and order confirmation are definitive.

Footnotes

1 — Value for extended versions (option)

2 — With automatic loading with LoadMaster Tube 12.5 m, the maximum total weight is 368 kg or 30 kg/m. With manual loading, the maximum total weight is 500 kg or 40 kg/m.