



TruLaser Tube 5000 fiber

Technical data

TruLaser Tube 5000 fiber

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 - TRUDISK 3001

MAXIMUM LASER POWER	3000 W
MAXIMUM MATERIAL THICKNESS, MILD STEEL	8 mm
MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL	5 mm
MAXIMUM MATERIAL THICKNESS, ALUMINIUM	6 mm
MAXIMUM MATERIAL THICKNESS, COPPER	4 mm
MAXIMUM MATERIAL THICKNESS, BRASS	4 mm

LASER-SPECIFIC DATA - TRUDISK 4001

MAXIMUM LASER POWER	4000 W
MAXIMUM MATERIAL THICKNESS, MILD STEEL	10 mm
MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL	6 mm
MAXIMUM MATERIAL THICKNESS, ALUMINIUM	6 mm
MAXIMUM MATERIAL THICKNESS, COPPER	4 mm
MAXIMUM MATERIAL THICKNESS, BRASS	4 mm

CONSUMPTION VALUES - TRUDISK 3001

AVERAGE POWER INPUT IN PRODUCTION	9 kW
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CONSUMPTION VALUES - TRUDISK 4001

AVERAGE POWER INPUT IN PRODUCTION	10 kW
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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)