



TruLaser Tube 7000 fiber

Technical data



TruLaser Tube 7000 fiber

ROUND TUBE

MAXIMUM OUTSIDE DIAMETER 254 mm

RECTANGULAR PROFILE

MAXIMUM SIDE LENGTH AND OUTER CIRCLE DIAMETER 220 mm / 254 mm

MAXIMUM RAW MATERIAL LENGTH FOR AUTOMATIC LOADING

FOR LOADMASTER TUBE 6.5 M 6500 mm

FOR LOADMASTER TUBE 9.2 M 9200 mm¹

FINISHED PART LENGTH

FOR UNLOADING UNIT 4.5 M 4500 mm

FOR UNLOADING UNIT 4.5 M + 1.5 M 6000 mm¹

FOR UNLOADING UNIT 6.5 M 6500 mm¹

FOR UNLOADING UNIT 6.5 M + 1.5 M 8000 mm¹

WORKPIECE WEIGHT

MAXIMUM PATH WEIGHT (STANDARD/OPTIONAL) 40 kg/m / - kg/m

MAXIMUM RAW MATERIAL WEIGHT WITH AUTOMATIC LOADING

WITH LOADMASTER TUBE 6.5 M 260 kg

WITH LOADMASTER TUBE 9.2 M 370 kg

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, ALUMINUM 6 mm

MAXIMUM MATERIAL THICKNESS, COPPER 5 mm

MAXIMUM MATERIAL THICKNESS, BRASS 5 mm

LASER-SPECIFIC DATA - TRUDISK 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 - TRUDISK 4001

AVERAGE POWER INPUT IN PRODUCTION 10 kW

CONSUMPTION VALUES - TRUDISK 6001

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)