



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 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

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 - 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

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.