



TruLaser Tube 7000

Technical data



TruLaser Tube 7000

ROUND TUBE

MAXIMUM OUTSIDE DIAMETER	204 mm
MAXIMUM OUTSIDE DIAMETER (OPTIONAL)	254 mm

RECTANGULAR PROFILE

MAXIMUM SIDE LENGTH AND OUTER CIRCLE DIAMETER	180 mm / 204 mm
MAXIMUM SIDE LENGTH AND OUTER CIRCLE DIAMETER (OPTIONAL)	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

FINISHED PART LENGTH

FOR UNLOADING UNIT 3 M	3000 mm
FOR UNLOADING UNIT 3 M + 1.5 M	4500 mm ¹
FOR UNLOADING UNIT 4.5 M	4500 mm ¹
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)	25 kg/m / 37.5 kg/m
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MAXIMUM RAW MATERIAL WEIGHT WITH AUTOMATIC LOADING

WITH LOADMASTER TUBE 6.5 M	150 kg
WITH LOADMASTER TUBE 6.5 M (OPTIONAL)	225 kg
WITH LOADMASTER TUBE 9.2 M	150 kg
WITH LOADMASTER TUBE 9.2 M (OPTIONAL)	225 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 ²
MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL	5 mm
MAXIMUM MATERIAL THICKNESS, ALUMINUM	4 mm

LASER-SPECIFIC DATA - TRUFLOW 3600

MAXIMUM LASER POWER	3600 W
MAXIMUM MATERIAL THICKNESS, MILD STEEL	10 mm ²
MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL	6 mm
MAXIMUM MATERIAL THICKNESS, ALUMINUM	5 mm

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CONSUMPTION VALUES - TRUFLOW 2000

AVERAGE POWER INPUT IN PRODUCTION 20 kW

CONSUMPTION VALUES - TRUFLOW 2700

AVERAGE POWER INPUT IN PRODUCTION 23 kW

CONSUMPTION VALUES - TRUFLOW 3600

AVERAGE POWER INPUT IN PRODUCTION 26 kW

Footnotes

1 — Value for extended versions (option)

2 — With PierceLine (option)