



TruLaser Tube 5000

Technical data



TruLaser Tube 5000

ROUND TUBE

| | |
|-------------------------------------|---------------------|
| MAXIMUM OUTSIDE DIAMETER | 152 mm |
| MAXIMUM OUTSIDE DIAMETER (OPTIONAL) | 170 mm ¹ |

RECTANGULAR PROFILE

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|-----------------------------------------------|-----------------|
| MAXIMUM SIDE LENGTH AND OUTER CIRCLE DIAMETER | 152 mm / 170 mm |
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MAXIMUM RAW MATERIAL LENGTH FOR AUTOMATIC LOADING

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|---------------------------|----------------------|
| FOR LOADMASTER TUBE 6.5 M | 6500 mm |
| FOR LOADMASTER TUBE 8.0 M | 8000 mm ² |

FINISHED PART LENGTH

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|----------------------------------|----------------------|
| FOR UNLOADING UNIT 3 M | 3000 mm |
| FOR UNLOADING UNIT 3 M + 1.5 M | 4500 mm ² |
| FOR UNLOADING UNIT 6.5 M | 6500 mm ² |
| FOR UNLOADING UNIT 6.5 M + 1.5 M | 8000 mm ² |

WORKPIECE WEIGHT

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| MAXIMUM PATH WEIGHT (STANDARD/OPTIONAL) | 20 kg/m / - kg/m |
|-----------------------------------------|------------------|

MAXIMUM RAW MATERIAL WEIGHT WITH AUTOMATIC LOADING

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|----------------------------|--------|
| WITH LOADMASTER TUBE 6.5 M | 130 kg |
| WITH LOADMASTER TUBE 8.0 M | 160 kg |

LASER-SPECIFIC DATA - TRUFLOW 2000

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|---------------------------------------------|--------|
| MAXIMUM LASER POWER | 2000 W |
| MAXIMUM MATERIAL THICKNESS, MILD STEEL | 8 mm |
| MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL | 4 mm |
| MAXIMUM MATERIAL THICKNESS, ALUMINIUM | 3 mm |

LASER-SPECIFIC DATA - TRUFLOW 2700

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|---------------------------------------------|--------------------|
| MAXIMUM LASER POWER | 2700 W |
| MAXIMUM MATERIAL THICKNESS, MILD STEEL | 10 mm ³ |
| MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL | 5 mm |
| MAXIMUM MATERIAL THICKNESS, ALUMINIUM | 4 mm |

LASER-SPECIFIC DATA - TRUFLOW 3200

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|---------------------------------------------|--------------------|
| MAXIMUM LASER POWER | 3200 W |
| MAXIMUM MATERIAL THICKNESS, MILD STEEL | 10 mm ³ |
| MAXIMUM MATERIAL THICKNESS, STAINLESS STEEL | 5 mm |
| MAXIMUM MATERIAL THICKNESS, ALUMINIUM | 4 mm |

CONSUMPTION VALUES - TRUFLOW 2000

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|-----------------------------------|---------|
| AVERAGE POWER INPUT IN PRODUCTION | 17.5 kW |
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CONSUMPTION VALUES - TRUFLOW 2700

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|-----------------------------------|-------|
| AVERAGE POWER INPUT IN PRODUCTION | 20 kW |
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TruLaser Tube 5000

CONSUMPTION VALUES - TRUFLOW 3200

AVERAGE POWER INPUT IN PRODUCTION

24 kW

Footnotes

1 — Round tubes with a diameter of 152 mm to 170 mm can only be manually loaded.

2 — Value for extended versions (option)

3 — With PierceLine (option)