



# TruLaser 5030 fiber / 5040 fiber / 5060 fiber

Technical data

**TruLaser 5030 fiber****TruLaser 5040 fiber****TruLaser 5060 fiber****DIMENSIONS**

LENGTH	9229 mm	11200 mm	15500 mm
WIDTH	6145 mm	6373 mm	6373 mm
HEIGHT	2200 mm	2200 mm	2200 mm

**WEIGHT**

WEIGHT OF BASIC MACHINE	11700 kg	14300 kg	18500 kg
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**MAXIMUM SPEED**

SIMULTANEOUS	280 m/min	280 m/min	280 m/min
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**WORKING RANGE**

X AXIS	3000 mm	4000 mm	6000 mm
Y AXIS	1500 mm	2000 mm	2000 mm
MAXIMUM WORKPIECE WEIGHT	-	-	-

**LASER-SPECIFIC DATA - TRUDISK 6001**

MAXIMUM LASER POWER	6000 W	6000 W	6000 W
MAXIMUM SHEET THICKNESS, MILD STEEL	25 mm	25 mm	25 mm
MAXIMUM MILD STEEL SHEET THICKNESS WITH CUTTING PACKAGE FOR THICK SHEETS	32 mm	32 mm	32 mm
MAXIMUM SHEET THICKNESS, STAINLESS STEEL	25 mm	25 mm	25 mm
MAXIMUM STAINLESS STEEL SHEET THICKNESS WITH CUTTING PACKAGE FOR THICK SHEETS	35 mm	35 mm	35 mm
MAXIMUM SHEET THICKNESS, ALUMINUM	25 mm	25 mm	25 mm
MAXIMUM SHEET THICKNESS, COPPER	10 mm	10 mm	10 mm
MAXIMUM SHEET THICKNESS, BRASS	10 mm	10 mm	10 mm

**LASER-SPECIFIC DATA - TRUDISK 8001**

MAXIMUM LASER POWER	8000 W	8000 W	8000 W
MAXIMUM SHEET THICKNESS, MILD STEEL	25 mm	25 mm	25 mm
MAXIMUM MILD STEEL SHEET THICKNESS WITH CUTTING PACKAGE FOR THICK SHEETS	32 mm	32 mm	32 mm
MAXIMUM SHEET THICKNESS, STAINLESS STEEL	40 mm	40 mm	40 mm
MAXIMUM SHEET THICKNESS, ALUMINUM	25 mm	25 mm	25 mm
MAXIMUM SHEET THICKNESS, COPPER	10 mm	10 mm	10 mm
MAXIMUM SHEET THICKNESS, BRASS	10 mm	10 mm	10 mm

**LASER-SPECIFIC DATA - TRUDISK 10001**

MAXIMUM LASER POWER	10000 W	10000 W	10000 W
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**TruLaser 5030 fiber****TruLaser 5040 fiber****TruLaser 5060 fiber**MAXIMUM SHEET THICKNESS,  
MILD STEEL

30 mm

30 mm

30 mm

MAXIMUM MILD STEEL SHEET  
THICKNESS WITH CUTTING  
PACKAGE FOR THICK SHEETS

32 mm

32 mm

32 mm

MAXIMUM SHEET THICKNESS,  
STAINLESS STEEL

40 mm

40 mm

40 mm

MAXIMUM SHEET THICKNESS,  
ALUMINUM

30 mm

30 mm

30 mm

MAXIMUM SHEET THICKNESS,  
COPPER

16 mm

16 mm

16 mm

MAXIMUM SHEET THICKNESS,  
BRASS

12 mm

12 mm

12 mm

**LASER-SPECIFIC DATA - TRUDISK  
12001**

MAXIMUM LASER POWER

12000 W

12000 W

12000 W

MAXIMUM SHEET THICKNESS,  
MILD STEEL

30 mm

30 mm

30 mm

MAXIMUM MILD STEEL SHEET  
THICKNESS WITH CUTTING  
PACKAGE FOR THICK SHEETS

50 mm

50 mm

50 mm

MAXIMUM SHEET THICKNESS,  
STAINLESS STEEL

40 mm

40 mm

40 mm

MAXIMUM STAINLESS STEEL  
SHEET THICKNESS WITH CUTTING  
PACKAGE FOR THICK SHEETS

50 mm

50 mm

50 mm

MAXIMUM SHEET THICKNESS,  
ALUMINUM

30 mm

30 mm

30 mm

MAXIMUM ALUMINUM SHEET  
THICKNESS WITH CUTTING  
PACKAGE FOR THICK SHEETS

40 mm

40 mm

40 mm

MAXIMUM SHEET THICKNESS,  
COPPER

16 mm

16 mm

16 mm

MAXIMUM SHEET THICKNESS,  
BRASS

12.7 mm

12.7 mm

12.7 mm

**CONSUMPTION VALUES**AVERAGE POWER INPUT IN  
PRODUCTION - TRUDISK 6001

15 kW

15 kW

15 kW

AVERAGE POWER INPUT IN  
PRODUCTION - TRUDISK 8001

17 kW

17 kW

17 kW

AVERAGE POWER INPUT IN  
PRODUCTION - TRUDISK 10001

19 kW

19 kW

19 kW

AVERAGE POWER INPUT IN  
PRODUCTION - TRUDISK 12001

25 kW

25 kW

25 kW