



# TruLaser 1030 fiber / 1040 fiber / 1060 fiber

Technical data



**TruLaser 1030 fiber****TruLaser 1040****TruLaser 1060****DIMENSIONS**

LENGTH	9333 mm	11150 mm	15500 mm
WIDTH	5990 mm	6650 mm	7150 mm
HEIGHT	2200 mm	2200 mm	2200 mm

**WEIGHT**

WEIGHT OF BASIC MACHINE	9400 kg	12000 kg	16500 kg
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**MAXIMUM SPEED**

SIMULTANEOUS	140 m/min	140 m/min	140 m/min
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**WORKING RANGE**

X AXIS	3000 mm	4000 mm	6000 mm
Y AXIS	1500 mm	2000 mm	2500 mm
MAXIMUM WORKPIECE WEIGHT	-	-	-

**LASER-SPECIFIC DATA - TRUDISK 3001**

MAXIMUM LASER POWER	3000 W	3000 W	3000 W
MAXIMUM SHEET THICKNESS, MILD STEEL	20 mm	20 mm	20 mm
MAXIMUM SHEET THICKNESS, STAINLESS STEEL	15 mm	15 mm	15 mm
MAXIMUM SHEET THICKNESS, ALUMINUM	15 mm	15 mm	15 mm
MAXIMUM SHEET THICKNESS, COPPER	6 mm	6 mm	6 mm
MAXIMUM SHEET THICKNESS, BRASS	6 mm	6 mm	6 mm

**LASER-SPECIFIC DATA - TRUDISK 4001**

MAXIMUM LASER POWER	4000 W	4000 W	4000 W
MAXIMUM SHEET THICKNESS, MILD STEEL	25 mm	25 mm	25 mm
MAXIMUM SHEET THICKNESS, STAINLESS STEEL	20 mm	20 mm	20 mm
MAXIMUM STAINLESS STEEL SHEET THICKNESS WITH CUTTING PACKAGE FOR THICK SHEETS	35 mm	35 mm	35 mm
MAXIMUM SHEET THICKNESS, ALUMINUM	20 mm	20 mm	20 mm
MAXIMUM SHEET THICKNESS, COPPER	8 mm	8 mm	8 mm
MAXIMUM SHEET THICKNESS, BRASS	8 mm	8 mm	8 mm

**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

**TruLaser 1030 fiber****TruLaser 1040****TruLaser 1060**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

30 mm

30 mm

30 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 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 STAINLESS STEEL  
SHEET THICKNESS WITH CUTTING  
PACKAGE FOR THICK SHEETS

40 mm

40 mm

40 mm

MAXIMUM SHEET THICKNESS,  
ALUMINUM

30 mm

30 mm

30 mm

MAXIMUM SHEET THICKNESS,  
COPPER

15 mm

15 mm

15 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

35 mm

35 mm

35 mm

MAXIMUM SHEET THICKNESS,  
STAINLESS STEEL

40 mm

40 mm

40 mm

**TruLaser 1030 fiber****TruLaser 1040****TruLaser 1060**

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

30 mm

30 mm

30 mm

MAXIMUM SHEET THICKNESS, COPPER

12.7 mm

12.7 mm

12.7 mm

MAXIMUM SHEET THICKNESS, BRASS

12.7 mm

12.7 mm

12.7 mm

**LASER-SPECIFIC DATA - TRUFIBER 3001**

MAXIMUM SHEET THICKNESS, MILD STEEL

20 mm

20 mm

20 mm

MAXIMUM SHEET THICKNESS, STAINLESS STEEL

15 mm

15 mm

15 mm

MAXIMUM SHEET THICKNESS, ALUMINUM

15 mm

15 mm

15 mm

MAXIMUM SHEET THICKNESS, COPPER

6 mm

6 mm

6 mm

MAXIMUM SHEET THICKNESS, BRASS

6 mm

6 mm

6 mm

**LASER-SPECIFIC DATA - TRUFIBER 4001**

MAXIMUM SHEET THICKNESS, MILD STEEL

20 mm

20 mm

20 mm

MAXIMUM SHEET THICKNESS, STAINLESS STEEL

20 mm

20 mm

20 mm

MAXIMUM SHEET THICKNESS, ALUMINUM

20 mm

20 mm

20 mm

MAXIMUM SHEET THICKNESS, COPPER

8 mm

8 mm

8 mm

MAXIMUM SHEET THICKNESS, BRASS

8 mm

8 mm

8 mm

**CONSUMPTION VALUES**

AVERAGE POWER INPUT IN PRODUCTION - TRUDISK 3001

12 kW

12 kW

12 kW

AVERAGE POWER INPUT IN PRODUCTION - TRUDISK 4001

13 kW

13 kW

13 kW

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

22 kW

22 kW

22 kW

AVERAGE POWER INPUT IN PRODUCTION - TRUDISK 12001

25 kW

25 kW

25 kW