



TruLaser 1030 fiber / 1040 fiber / 1060 fiber

Technical data

	TruLaser 1030 fiber	TruLaser 1040 fiber	TruLaser 1060 fiber
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 ¹	12000 kg ¹	16500 kg ¹
MAXIMUM SPEED			
SIMULTANEOUS	140 m/min	140 m/min	140 m/min
WORKING RANGE			
X AXIS	3000 mm	4000 mm	6000 mm
Y AXIS	1500 mm	2000 mm	2500 mm
MAXIMUM WORKPIECE WEIGHT WITHOUT HEAVY-DUTY PALLET CHANGER	900 kg	2000 kg	2900 kg
MAXIMUM WORKPIECE WEIGHT WITH HEAVY-DUTY PALLET CHANGER	1800 kg	3300 kg	4900 kg
MAXIMUM WORKPIECE WEIGHT ON BOTH PALLETS WITH HEAVY-DUTY PALLET CHANGER	2200 kg ²	3900 kg ²	5700 kg ²
LASER-SPECIFIC DATA - TRUFIBER 4000			
MAXIMUM LASER POWER	4000 W	4000 W	4000 W
MAXIMUM SHEET THICKNESS, MILD STEEL	22 mm	22 mm	22 mm
MAXIMUM MILD STEEL SHEET THICKNESS WITH CUTTING PACKAGE FOR THICK SHEETS	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	25 mm	25 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 - TRUFIBER 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

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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 - TRUFIBER 9001			
MAXIMUM LASER POWER	9000 W	9000 W	9000 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	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 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
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 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
CONSUMPTION VALUES			
AVERAGE POWER INPUT IN PRODUCTION - TRUFIBER 4001	10 kW	10 kW	10 kW
AVERAGE POWER INPUT IN PRODUCTION - TRUFIBER 6001	11 kW	11 kW	11 kW
AVERAGE POWER INPUT IN PRODUCTION - TRUFIBER 9001	14.5 kW	14.5 kW	14.5 kW
AVERAGE POWER INPUT IN PRODUCTION - TRUFIBER 12001	16 kW	16 kW	16 kW

Footnotes

- 1 — Entspricht dem Maschinengewicht mit Standardausstattung. Das Gewicht kann je nach Ausstattung variieren.
- 2 — The maximum workpiece weight on both pallets is identical. However, there are different distributions of the workpiece weight on the pallets. Without heavy duty pallet changer distribution max. 30 mm / 30 mm sheet thickness per pallet and format. With heavy duty pallet changer distribution max. 50 mm / 10 mm sheet thickness per pallet and format.