



DATASHEET

Codice prodotto: MD-1000 PRO | Stampante 3D Industriale Mingda



Con un volume di costruzione di 1 metro cubo, **MINGDA Md-1000 PRO** è una stampante 3D industriale completamente chiusa per la produzione di parti di grandi dimensioni a grandezza naturale, inclusi prototipi funzionali, attrezzature di fabbrica, modelli e stampi e parti per uso finale. Costruita per seguire tutte le fasi della produzione, **MINGDA Md-1000 PRO** offre ai progettisti, ingegneri e produttori una soluzione agile e facile da usare per produrre in modo più rapido ed economico.

Le specifiche sono soggette a modifiche senza preavviso.
Le immagini potrebbero essere a scopo illustrativo.

Specifiche tecniche

PRINTING		TEMPERATURE	
Printing Technology	Fused Deposition Modeling	Max. Nozzle Temp.	350degree
Bulid Volume	1000*1000*1000mm	Max. Bed Temp.	80degree
Number of Nozzle	Single		
Layer Thickness	0.05-0.3mm	SPEED	
Filament Diameter	1.75mm	Recommend Printing Speed	60-100mm/s
Filament Campatibility	PLA, ABS, ASA, TPU, PETG, PETG-ESD, PP, PET-GF, PET-CF, PA12-CF,HtPA-GF, HtPA-CF	Max Printing Speed	200mm/s
Nozzle Diameter	0.4mm (0.6mm, 0.8mm optional)		
ELECTRICAL		MECHANICAL	
Power Requirements	110/220V	Construction	Power-coated Steel, Aluminum Casting for Motion Components
Rated Power	1180W	Platform	10mm thickness aluminum hot bed

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Screen		Leveling	auto-leveling
Connectivity	USB, SD card, U disk	X Y Postition Precision	0.015mm
		Z Postition Precision	0.0015625mm
SPECIAL FUNCTION		SOFTWARE	
Uninterruptible Power System	Save data when power is off	Support Software	Cura, Reptier-Host, Simplify3D
Filament Detection	Pause printing when filament run out	Supported File Types	Stl, Obj, G-code
Automatic Shutdown	Turn off the power automatically when printing is complete	Operating Systems	Windows(7,8,10) ,Mac OS X

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Specifiche tecniche filamenti

	Materiale	Colore	Vantaggi	Temperatura ugello di stampa (°C)	Temperatura della piattaforma di stampa (°C)	Resistenza alla trazione (X-Y)MPa	Modulo di trazione (X-Y)MPa	Resistenza alla flessione (X-Y)MPa	Specifiche
High-Level Engineering Filament	HPA-CF (15% Carbon fiber reinforced high temperature nylon)	Black	Low moisture absorption and high temperature nylon, the strongest performance, good abrasion resistance	300-320	70-90	85.96 ±0.85 Mpa	6640.92 ±186.59 Mpa	141.41 ±1.68 Mpa	1 kg/ spool 1.75mm 2.5 kg/ spool 1.75mm
	HPA-GF (15% Glass fiber reinforced high temperature nylon)	Grey, Red, Natural, Orange, Black	Low moisture absorption and high temperature nylon, high strength, good abrasion resistance	300-320	70-90	76.70 ±0.81 Mpa	4327.24 ±208.27 Mpa	122.89 ±1.34 Mpa	1 kg/ spool 1.75mm 2.5 kg/ spool 1.75mm
Middle-Level Engineering Filaments	PA12-CF (15% Carbon fiber reinforced Nylon12)	Black	Low density, light weight, excellent surface effect, good wear resistance	280-320	60-80	56.32 ±0.28 Mpa	2869.58 ±27.14 Mpa	82.73 ±1.43 Mpa	1 kg/ spool 1.75mm 2.5 kg/ spool 1.75mm
	PET-CF (15% Carbon fiber reinforced PET)	Black	Lowest creep, and high strength	280-320	60-80	82.2 ±2.12 Mpa	5607.59 ±281.69 Mpa	128.44 ±3.12 Mpa	1 kg/ spool 1.75mm 2.5 kg/ spool 1.75mm
	PET-GF (15% Glass fiber reinforced PET)	Grey, Red, White, Orange, Black	Low creep	280-320	60-80	64.65 ±3.12 Mpa	4011.36 ±292.39 Mpa	98.62 ±0.84 Mpa	1 kg/ spool 1.75mm 2.5 kg/ spool 1.75mm
Entry-Level Engineering Filaments	HPA High temperature Nylon	Grey, Red, Natural, Orange, Black	Low moisture absorption, high strength, self-lubricating, wear-resistant	280-320	80	86.30 ±0.79 Mpa	3172.39 ±71.95 Mpa	133.55 ±1.20 Mpa	1 kg/ spool 1.75mm 2.5 kg/ spool 1.75mm
	PETG	Transparent, White, Black, Green, Purple, Blue		230-280	60-80	31±0.5 Mpa	1550±108 Mpa	51.8±1.5 Mpa	1 kg/ spool 1.75mm 3 kg/ spool 1.75mm
Consumer Level Filaments	PETG-ESD	Black	Antistatic, surface resistivity as low as 105Ω 105Ω	230-250	60-80	30 ±0.8 Mpa	1550 ±118MPa	55.8 ±1.8MPa	1 kg/ spool 1.75mm 3 kg/ spool 1.75mm
	ABS	Original, Black, Red Other colors can be customized if over 1000rolls.		240-260	80-100	41.65±0.27 Mpa	2351±92 Mpa	63.3±0.69 Mpa	1 kg/ spool 1.75mm 3 kg/ spool 1.75mm
	ASA	Original, Black, Red		240-270	80-100	38.5±1.6 Mpa	2317 ±246 Mpa	64.49 ±1.3MPa	1 kg/ spool 1.75mm 3 kg/ spool 1.75mm
	Light weight PLA (LW-PLA) PLA	White	Light weight PLA (LW-PLA) is the best filament for printing RC Planes, Cosplay and other light weight items.	190-220	0-80				1 kg/ spool 1.75mm
	Flexible Filament	TPU 95A	Transparent, White, Black		210-230	50			1 kg/ spool 1.75mm