



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 |
| Middle-Level Engineering Filaments | 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 |
| | 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 |
| | 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 |
| Entry-Level Engineering Filaments | 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 |
| | 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 | 133.35 ±1.20 Mpa | 1 kg/ spool 1.75mm |
| | | | | | | | | | 2.5 kg/ spool 1.75mm |
| Consumer Level Filaments | 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 |
| | 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 |

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