

you can
WANHAO

Duplicator 7 V1.5 PRODUCT BROCHURE



Technical Specifications

Primary attributes of the technology	DLP LCD printer, entrance level resin printer. Full assembled. Computer controlled printer.
Extruder system	405 nm UV lamp, DLP curving system
With Insulate cover or not	Yes. Total Blinding hood
Max printable area	120.96*68.5*180mm
Software	Wanhao Slicer
Filament diameter/light	405nm UV light
Material support	405nm Resin
Max printing speed	30mm/hour
Case Material	Steel Case
Projection Size	5.5 inch LCD
Accuracy	X 0.00001mm Y 0.00001mm Z 0.004mm
LCD display	NO
Net Weight(kg)	9kg
Gross Weight(kg)	10kg
Packing size(cm)	55x30x30cm
Layer Thickness	35-100 micron
Material cost	USD28-36/liter
Platform Holder	4 bolt adjusting system
Rail locking system	Steel bolt locking frame
Platform	Aluminum building plate
Price Range	Varied for different country
Power supply unit	Inside 110 AND 250V(Auto Switch), 50/60Hz, 4.0A (input), and takes standard IEC cable
Typical application	•A perfect printer for educators who intend to use the printers in technical education. •Great printer for DIY hobbyist.



WANHAO DUPLICATOR 7 V1.5
ACCESS TO THE HIGH QUALITY OF PRINT

IMPROVEMENTS ON V1.5



D7 V1.4



BUILDING PLATE WITH FULL COATING
REDUCE THE SURFACE STICKING ABILITY

D7 V1.5



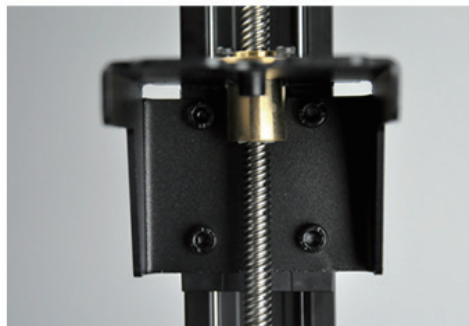
BY FINE MACHINING AND GRINDING, THE
SURFACE WITH ABRASIVE EFFECT ENABLE
BETTER STICKING ON ALUMINUM PLATE.



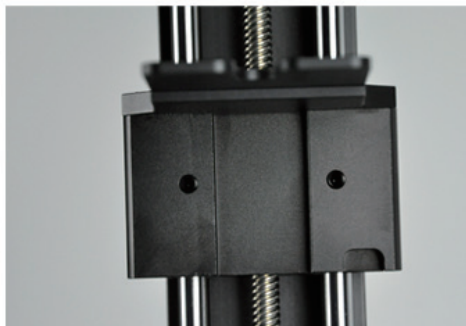
FOR TALL PRINTS, SINGLE RAIL DESIGN REFLECT
THE Z AXIS WOBBLE ISSUE GREATLY. SLIGHTLY
Z WOBBLE WOULD SHOW ON PRINTS.



1. DOUBLE RAIL DESIGN REDUCE THE WOBBLE ISSUE
HUGELY. 2. RAIL BAR PROVIDE STRONG STRENGTH TO
ABSORB WOBBING STRENGTH AND MAKE ALL
PRINTS STRAIGHT AND CHARM



METAL SHEET Z AXIS COMPOUND



FULL Z AXIS ALUMINUM BLOCK PROVIDE
BETTER MECHANICAL STRENGTH AND LINEAR WAY

IMPROVEMENTS ON **V1.5**

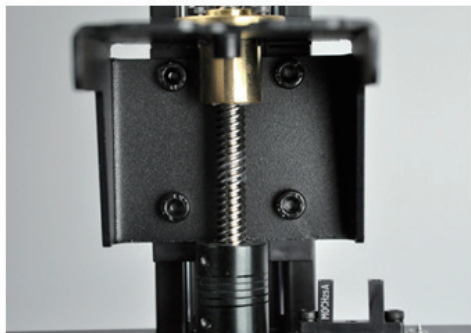
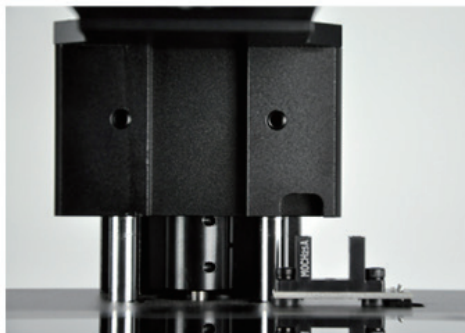
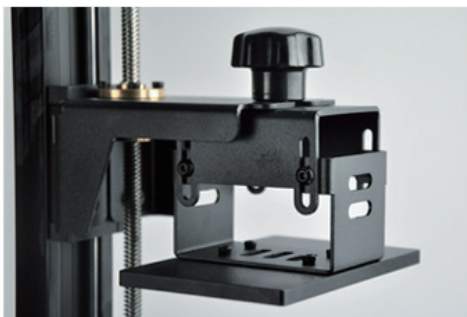


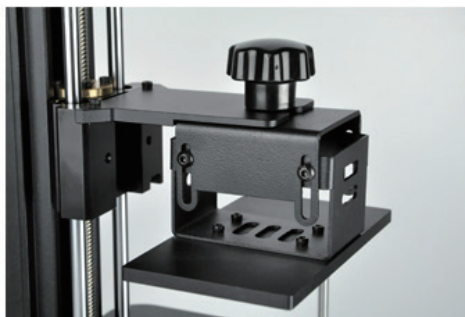
PLATE TRIGGER



MACHINED CONCAVE TRIGGER POINT PROVIDE MORE PRECISE Z AXIS STOP, AND PROVIDE BETTER PROTECTION ON LCD DISPLAY, EVEN IF THE Z SWITCH FAILED.



TO MOUNT THE BUILDING PLATE ONTO LOCKING HOLE, MAY GET ANGLE WITH LCD DISPLAY.



THE STOP LINE WOULD MAKE BUILDING PLATE MOUNTING 100% CORRECT. NO ANGLE BETWEEN LCD DISPLAY AND BUILDING PLATE



STANDARD LOCKING SYSTEM



NEW SQUARE TOP ANTI WOBBLE DESIGN PROVIDE STRONGER TRIANGLE SECURE STRENGTH. LESS WOBBLE ISSUE

DUPLICATOR 7 V1.5

High Precision 3D printer for Jewelry, dental and hobbyist.

WANHAO offers solutions to the challenges facing today's jewelry, Dental manufacturers and hobbyist. Our affordable 3D Printing technology enable access for more students and hobbyist, improves product quality and reduces time-to-market. Integrating our highest resolution DLP LCD 3D Printers with our WANHAO Jewelry resin specialty material provides two options to a final product: direct casting of the pattern in the case of complex geometries or replace manually created silver masters for HTV and/or RTV molding.



WANHAO



PRECISION AND ACCURACY

Stunning symmetry, exacting wall thickness and extreme detail.



DIRECTLY CASTABLE

100% castability in gold, silver, platinum and all castable materials.



ACCESS TO THE HIGH QUALITY OF PRINT

Jewelry and dental work preferred.



SUPERIOR SURFACE FINISH

Pristine, smooth wax models require virtually no finishing.



EASY TEAR OFF SUPPORTS

Auto-generated support easy to be tear off and sand to smooth.



MULTIPLY RESIN CHOICE

Fast melt out, no thermal expansion and no ash or residue.



INTUITIVE 3D PRINTER SOFTWARE

Machine compatible to multiple software with different advantage.



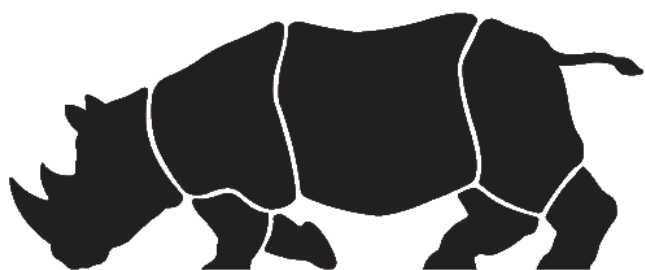
INCREASED PROFITABILITY

Create custom parts at mass production costs.



DESIGN FREEDOM

Innovate without limits, eclipse the competition.



WANHAO