

Presenting the
ZPrinter[®] 650
Best-in-Class Color 3D Printer
For the Most Demanding Applications



Z CORPORATION[®]

ZPrinter 650 at a Glance



- **Industry's largest build volume**
Build very large models/prototypes
- **Best color and highest resolution**
Produce superior quality parts
- **5X-10X faster**
Quick output at half the cost
- **Automation**
Simplifies printing and saves time
- **All-in-one**
Printing, powder recycling and finishing
- **Office-safe build materials**
Active dust control and zero liquid waste



Ideal for engineering,
education, AEC, GIS and
entertainment applications

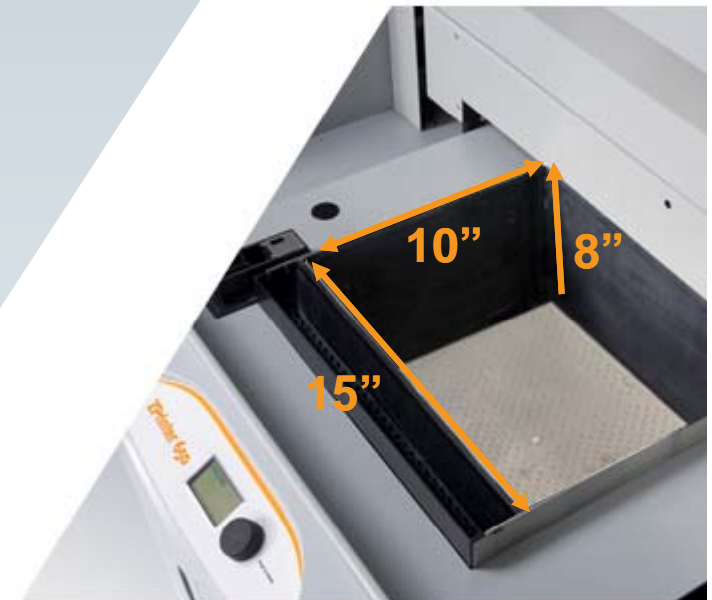


Z CORPORATION®

Industry's Largest Build Volume

Most Useful Build Space

- Build large models without combining smaller parts to form a whole
- Print multiple models/prototypes in a single build
- Support an entire engineering department or classroom with ease



(254 x 381 x 203 mm)



Perfect for printing large architectural models and footwear



Z CORPORATION®

Superior Quality Parts

Best Color

- Produce realistic color without paint
- Better evaluate the look, feel and style of product designs
- Print text labels and images directly onto printed models



Five print heads, including black, provide the widest range of accurate and consistent colors



Z CORPORATION®

Superior Quality Parts

Highest Resolution

- 600 x 540 DPI
- Print the smallest, most precise parts on a model
- Create sharp, photo-realistic texture maps on any surface



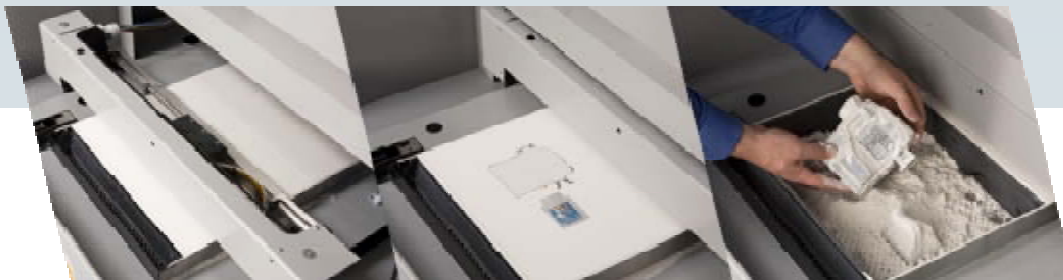


Z CORPORATION®

Fastest Print Speed

5x to 10x Faster Than All Other Systems

- Print 2-4 layers per minute
- Produce multiple models in one build by stacking and nesting parts
- Easily supports entire departments and schools



Output models
in hours, not days



Z CORPORATION®

Easiest-to-Use

Simplifies Printing and Saves Time

- Automated setup and self-monitoring
- Automated powder loading and recycling
- Snap-in binder cartridges
- Requires minimal training and no expertise
- Intuitive control panel makes operation simple

Spend time generating ideas,
not operating a machine





Z CORPORATION®

Most Office Friendly

Fits Easily Into Any Office or School Environment

- Built-in printing, powder recycling and finishing make it a convenient, all-in-one printing system
- Quiet, safe and odor free
- No hazardous liquid waste



Active and Passive Dust Containment

- Continuously operating, quiet vacuum maintains negative pressure to capture airborne dust
- Closed-loop powder loading, removal and recycling contains powder within the envelope of the machine



Features



All-in-One, Feature Rich

Setup and Maintenance



Binder Cartridges

- Quick-load
- No-touch
- Load in seconds



Setup and Maintenance



Z CORPORATION®

Print Heads

- Quick-load
- Change fast
- Revolutionary five-color print head design



Setup and Maintenance



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Powder Canister

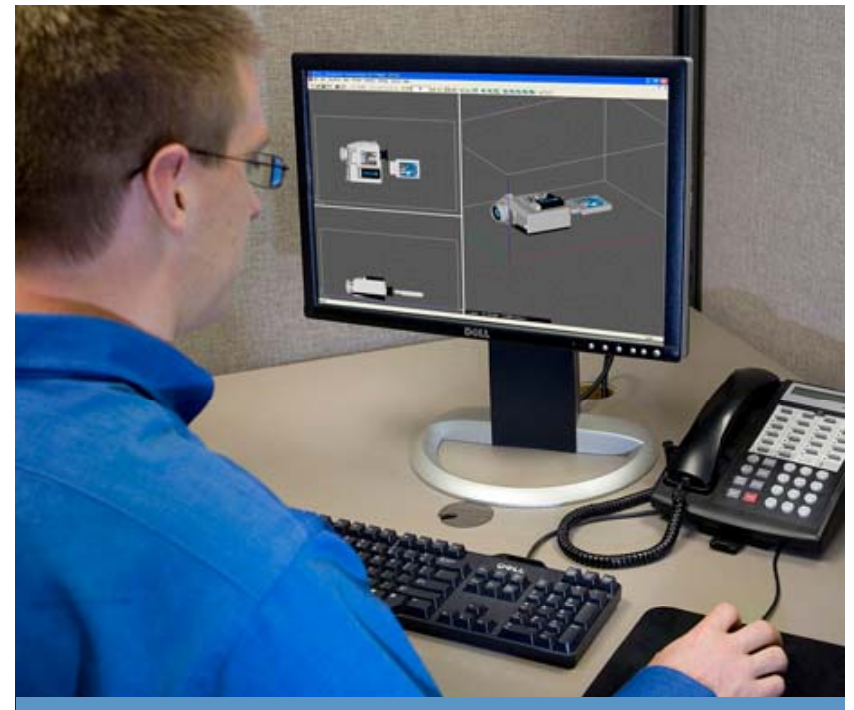
- Quick-load
- Automatic
- Clean, no-touch

Greater Control



From the Desktop and the Printer

- Innovative ZPrint® desktop software
- Send jobs to the printer and exchange essential information with the machine
- Remotely read the machine LCD display
- See real-time readings of powder and binder levels, automatically monitored by the system



Greater Control



From the Desktop and the Printer

- Intuitive printer display and interface
- Perform numerous functions from the printer
- Machine display communicates a wealth of information



Post Processing



Powder Removal



After printing, the ZPrinter 650 removes up to 80% of powder automatically

Post Processing



Powder Removal



Remaining powder is removed with air in enclosed chamber

Automatically recycled for future use

Post Processing

No Physical Supports



No physical supports to remove with sharp tools, like other 3D printing systems

Post Processing

Add Strength



Easily add strength with infiltrants,
via a quick dip

ZPrinter 650 Specifications



Z CORPORATION®

Build size	10" x 15" x 8" (254 x 381 x 203 mm)
Color	CMYK 4-head color, plus black
Print resolution	600 x 540 dpi
Layer thickness	.0035" - .004 " (.089 - .102 mm)
Build speed	2-4 layers/minute
Compatible materials	High Performance Composite



Z Corporation Product Line



Z CORPORATION®

ZPrinter 310 Plus

ZPrinter 450

ZPrinter 650

Application	Value	Quality Color	High-definition Color
Output	Monochrome	Standard CMY Color	Custom CMYK Color
Print Resolution	300 x 450 dpi	300 x 450 dpi	600 x 540 dpi
Build Chamber Size	8" x 10" x 8" 203 x 254 x 203 mm	8" x 10" x 8" 203 x 254 x 203 mm	10" x 15" x 8" 254 x 381 x 203 mm
Material Options	Multiple	High Performance Composite	High Performance Composite
Layer Thickness	.0035" - .008" .089 - .203 mm	.0035" - .004" .089 - .102 mm	.0035" - .004" .089 - .102 mm



Z CORPORATION®

ZPrinter 650

- Industry's largest build size
- Superior color and resolution
- Fastest 3D printer available
- Office friendly, easy-to-use
- Meets the needs of multiple users with multiple needs

Best-in-Class, High Performance
Color 3D Printing



For More Information



Contact your nearest Z Corporation
authorized dealer



Z CORPORATION™
AUTHORIZED RESELLER

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Best-in-Class Color 3D Printer
For the Most Demanding Applications



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