Figure 4® Standalone

Ultra-fast and affordable industrial 3D printer

Part of 3D Systems' scalable, fully integrated Figure 4 technology platform, Figure 4 Standalone is an affordable and versatile solution for low volume production, and same-day prototyping for fast design iteration and verification, offering speed, quality and accuracy with industrial-grade durability, service and support.
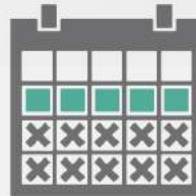
AFFORDABILITY:
Industrial-grade durability at an affordable price

VERSATILITY:
Performance from a variety of materials

SPEED:
Fast throughput speed for accelerated "parts-in-hand" delivery

TOTAL COST OF OPERATIONS:
Cost efficient parts production

Wide Range of Materials for Application Diversity

3D Systems' Material Design Center has over 30 years of proven R&D experience and process development expertise. The broad and expanding range of materials available for Figure 4 Standalone addresses a wide variety of applications needs, for functional prototyping, direct production of enduse parts, molding and casting.

RIGID MATERIALS

Figure 4 rigid materials produce durable plastic parts with the look and feel of cast or injection molded parts, with features that include fast print speeds, high elongation, exceptional impact strength, humidity/moisture resistance, long-term environmental stability and more.

ELASTOMERIC MATERIALS

Figure 4 elastomeric materials are ideal for the production of functional rubber-like parts with excellent shape recovery, high tear strength, great for compressive applications and material malleability.

HIGH TEMPERATURE MATERIAL

With heat deflection temperatures up to over 300° C with no additional thermal post-cure required, Figure 4 heat resistant material offers high rigidity and exceptional stability under extreme conditions.

SPECIALTY MATERIALS

Choose from Figure 4 specialty materials for sacrificial tooling, jewelry casting, medical applications requiring biocompatibity and/or sterilization, and more.

Accessories

LC-3DPRINT BOX UV POST-CURING UNIT

The optional LC-3DPrint Box post-curing unit is available for UV-curing parts, required to obtain the final material properties, and is the recommended UV-curing unit for Figure 4 Standalone print materials. The LC-3DPrint Box is a revolutionary UV light box equipped with 12 UV light bulbs strategically placed inside to ensure a product is illuminated from all sides, which results in a quick and uniform curing cycle. This light-based UV curing process takes minutes versus hours with heat-based curing processes.

LC-3DMIXER FROM 3D SYSTEMS

The optional LC-3DMixer keeps your Figure 4 materials ready for use at any time at an optimum consistency. The LC-3DMixer is a roller/tilting stirring device for mixing 3D printing materials.

PRINTER HARDWARE	
Build Volume (xyz)	124.8 x 70.2 x 196 mm (4.9 x 2.8 x 7.7 in)
Resolution	1920 x 1080 pixel
Pixel Pitch	65 microns (0.0025 in) (390.8 effective PPI)
Wavelength	405 nm
Operating Environment	
Temperature	18-28 °C (64-82 °F)
Humidity (RH)	20-80%
Electrical	100-240 VAC, 50/60 Hz, Single Phase, 4.0A
Dimensions (WxDxH)	
3D Printer crated	73.66 x 68.58 x 129.54 cm (29 x 27 x 51 in)
Pedestal crated	82.55 x 79.375 x 55.245 cm (32.5 x 31.25 x 21.75 in)
3D Printer uncrated	42.6 x 48.9 x 97.1 cm (16.7 x 19.25 x 38.22 in)
3D Printer + Pedestal uncrated	68.1 x 70.4 x 135.6 cm (26.8 x 27.71 x 53.38 in)
Weight	
3D Printer crated	59 kg (130 lbs)
Pedestal crated	26.3 kg (58 lbs)
3D Printer uncrated	34.5 kg (76 lbs)
3D Printer + Pedestal uncrated	54.4 kg (120 lbs)
Certifications	FCC, CE, EMC

FAST TURNAROUND

Achieve same-day functional prototyping and low volume production for output volumes of up to 500 parts per month, with ultra-high speeds up to 100 mm/hour.

EASE OF USE

Figure 4 Standalone was designed for ease-of-use, and includes file preparation and print management with the powerful 3D Sprint® software, quick and easy material changes with a manual material feed, and a separate post-processing accessory available for curing.

CONSISTENT, HIGH QUALITY OUTPUT

Powered by non-contact membrane Figure 4 technology, Figure 4 Standalone offers quality and accuracy at six sigma repeatability, with exceptional surface finish and fine feature detail. With a compact and easy-to-use design, Figure 4 Standalone delivers industrial-grade durability, service, and support with an Advanced Service Exchange model and 3D Connect™ for proactive and preventative support.

WIDE RANGE OF APPLICATIONS

With Figure 4 Standalone versatility, you can use the same printer for rapid iteration, functional prototyping, design verification, end-use parts for low volume production and replacement parts, digital texturing applications, jewelry casting patterns, rapid tooling of molds, master patterns, jigs and fixtures.