



"Where Innovation Takes Shape"

# At a Glance

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## ABOUT HARVEST

Harvest Technologies Inc. is a full service high capacity rapid prototyping & manufacturing (RP&M) service provider. Harvest has 19 high-end systems and fulltime professional engineering, quality assurance, post-processing & finishing, project management and sales & marketing staff onsite. Harvest has been providing top quality parts, patterns, tooling and castings to top tier OEM's, as well as small and mid-sized companies, since 1995. Additionally, Harvest is certified under the AS9100 and ISO 9001:2000 quality management systems.

## APPLICATIONS

- Functional Prototypes & Assemblies
- Concept, Show & Test Models
- Direct Manufacture Parts & Assemblies
- Patterns for Casting Reproductions
- Rapid Tooling for Molding & Forming
- Assembly Tooling, Jigs & Fixtures

## PROCESSES

- SLS® (Selective Laser Sintering)
- SLA® (Stereolithography)
- 3D Printing (FDM, PolyJet, ZCorp)
- RTV Tooling & Urethane Casting
- Measuring and Inspection
- CNC Machining (Computer Numerical Control)
- Metal Casting (Investment, Sand, Plaster, Spin)
- Rapid Tooling & Injection Molding
- Finishing, Painting, Post-Processing & Assembly

## MATERIALS

### SLS® Materials

- Rigid SLS Glass Filled Nylon (DuraForm GF)
- Flexible SLS Polyamide (DuraForm PA, DuraForm EX)
- Tough & Flame Retardant SLS Nylon (Fine Nylon FR)
- A6 Steel/Bronze SLS Metal Matrix (LaserForm A6)
- Rubber-like SLS Thermoplastic Elastomer (Flex)
- Polystyrene/Wax Investment Casting Patterns (CastForm)

### SLA® Materials

- Polycarbonate-like SLA Photopolymer (Accura 60)
- ABS-like SLA Photopolymer (Accura 55, Somos 18420 & 11122)
- Polypropylene-like SLA Photopolymer (Accura 25)
- Impact Resistant & Flexible SLA Photopolymer (Somos DMX-100)
- High-temp SLA Photopolymers (Somos NanoTool & ProtoTool)
- Honeycomb Investment Casting Patterns (QuickCast)

### Other Materials

- FDM: ABS, PC-ABS, PC & PPSF
- PolyJet: Rigid white, blue & amber, and elastomeric black & gray photopolymers
- ZCorp: infiltrated plaster
- RTV Tooling: Cast polyurethanes & silicones
- Cast metals
- Molded plastics
- Machined plastics and metals

## EQUIPMENT

### SLS® Systems

- (1) Sinterstation® Pro (22L x 22W x 18H in.)
- (10) Sinterstation® HiQ, HS, 2500 Plus & 2500 (15L x 13W x 18H in.)
- (1) Sinterstation® 2000 (12D x 16H in.)

### Measuring and Inspection Equipment

- (1) Seven axis FaroArm w/ Laser Line Probe

### SLA® Systems

- (1) Viper™ Pro (29.5L x 25.6W x 21.65H in.)
- (1) 7000 (20L x 20W x 23H in.)
- (1) 5000 (20L x 20W x 23H in.)
- (4) Viper™ (10L x 10W x 10H in.)

## DATA

Please utilize one of the following tools to transfer your data to us:

- Online RFQ: <https://www.harvest-tech.com/rfq/>
- Email: [harvest@harvest-tech.com](mailto:harvest@harvest-tech.com)
- FTP Upload: <ftp://ftp.harvest-tech.com/incoming> (\* Must call or e-mail to notify us of FTP upload)

\* 3D STL format files are required for SLS, SLA and 3D printing

\*\* 3D IGES format files are required for CNC machining and tooling/molding