

AT A GLANCE

Harvest Technologies is an AS9100 and ISO9001 Certified Supplier

APPLICATIONS

- Functional prototypes and assemblies
- Concept, show, and test models
- End use parts and assemblies
- Patterns for cast reproductions
- Rapid tooling for molding and forming
- Assembly tooling, jigs, and fixtures

PROCESSES

- LS (Laser Sintering)
- SL (Stereolithography)
- Additive Metals (DMLS, SLM, EBM)
- RTV tooling and urethane casting
- 3D printing (FDM, PolyJet, ZCorp)
- CNC machining (5-axis)
- Metal casting
- Rapid tooling and injection molding
- Finishing, painting, post-processing, and assembly
- Measuring and inspection

MATERIALS

LS MATERIALS

- Nylon PA: *flexible polyamide*
- Nylon GF: *rigid, glass filled*
- Nylon EX: *flexible polyamide*
- Fine Nylon/FR: *tough and flame retardant*
- Nylon CG: *carbon and glass filled*
- Nylon HST: *mineral fiber filled*
- Flex TPE: *rubber-like thermoplastic elastomer*
- CastForm: *polystyrene/wax investment casting patterns*
- Additive metals and alloys

SL MATERIALS (Photopolymers)

- Somos 11122: *ABS-like (can be clear)*
- Somos 18420: *ABS-like, white/off-white*
- Accura 25: *polypropylene-like, white/off-white*
- Somos NeXt: *impact resistant and flexible, white*
- Somos ProtoTherm 12120: *high-temp, red/orange color*
- Somos NanoTool: *high-temp, ceramic filled resin*
- RenShape 7820: *ABS-like, black resin*

EQUIPMENT

LS SYSTEMS

- (1) Sinterstation® Pro - *22L x 22W x 18H in.*
- (20+) Standard platforms - *15L x 13W x 18H in.*
- (2) EOS® P700 Series - *27L x 15W x 22H in.*

SL SYSTEMS

- (1) iPro 9000 - *29L x 25W x 20H in.*
- (1) 7000 - *20L x 20W x 23H in.*
- (2) 5000 - *20L x 20W x 23H in.*
- (4) Viper™ - *10L x 10W x 10H in.*

MEASURING AND INSPECTION

- (1) Seven axis FaroArm with Laser Line Probe
- (1) MTS Insight tensile puller

To request a quote, please submit your data via our online RFQ system www.harvest-tech.com/rfq