

BYERS

PRECISION FABRICATORS, INC.



EQUIPMENT LIST 2025

BYERS

PRECISION FABRICATORS, INC

675 Dana Road, Hendersonville, North Carolina 28792

Ph: (828) 693-4088 Fax: (828) 692-5753 Toll Free: (888) 693-7411
www.byersprecision.com

2025 Latest from Byers!

Trumpf TruLaser 3030 – 10kW Flatbed Laser



SPECIFICATION:

10,000 Watt TruDisk 10001 Fiber Laser

Working Range:

X axis: 60"

Y axis: 120"

Automated Sheet Loader

Finished Parts Conveyor

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Trumpf TruPunch 1000 (S19) – 18.5 Ton CNC Punch



SPECIFICATION:

18.5 Ton Capacity CNC Punch

Working Range:

X axis: 60"

Y axis: 120"

3" Clamp Strip

Cutting and Forming Capability

Rapid Perforation Ability (0.4sec per hit on 1" center)

Rotating Head

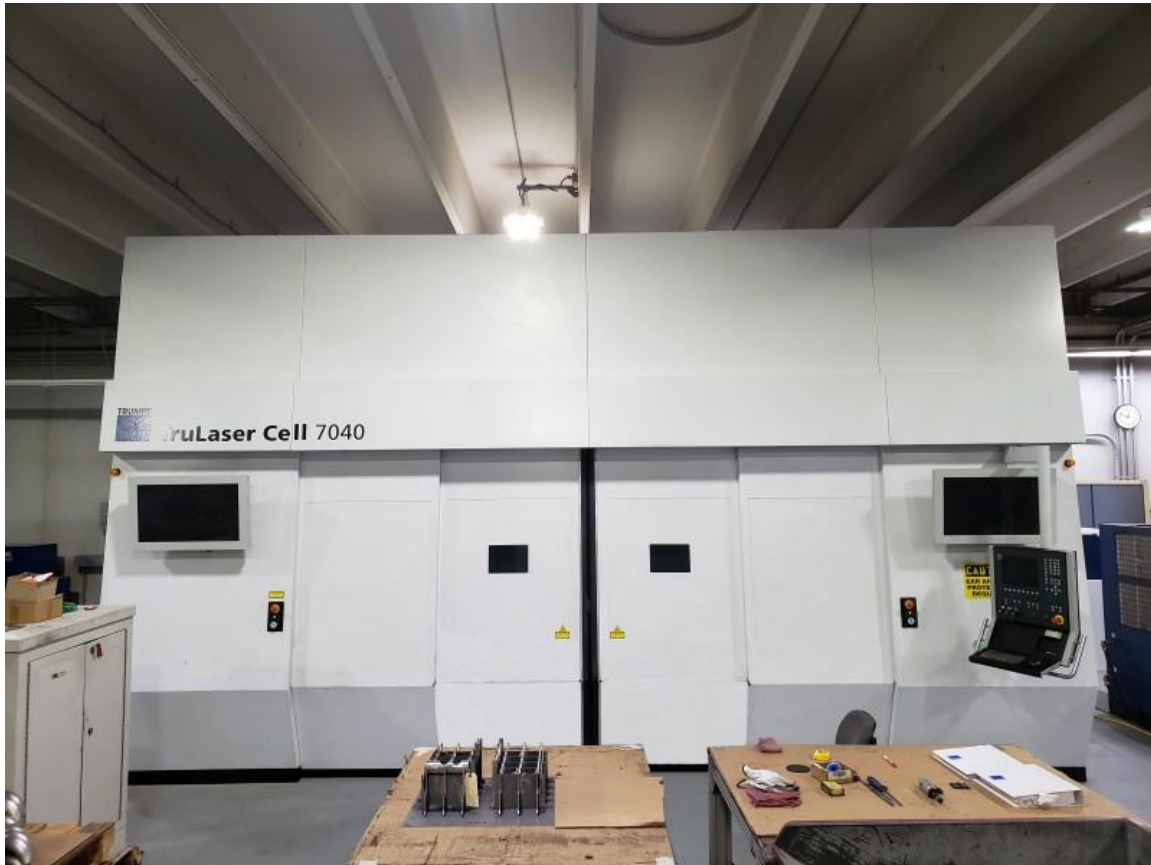
Non-active Die

Automated Parts Chute

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Trumpf T7040 Cell - 3kW 5-Axis Laser



SPECIFICATION:

3000 Watt TruDisk Fiber Laser

Working Range:

X axis: 4000 mm (157.4798 in.)

Y axis: 1500 mm (59.05494 in.)

Z axis: 750 mm (29.52747 in.) Dynamic Cutting Optics +/- 10 mm (0.39369 in.)

Axis Speed:

X/Y/Z Linear Axes: 100 m/min (3937 ipm)

Simultaneous Axes: 173 m/min (6811 ipm)

Max Repeatability:

X/Y/Z Linear Axes 0.03 mm (0.001181 in.) Rotation Axes B/C: 0.005 deg

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ENGINEERING SOFTWARE:

Cenit FastTrim
Gibbs Cam
Solid Works
Trumpf TruTops
BySoft 7

LASER PROCESSING:

Bystronic ByStar 6kW Fiber with ByTrans Extended, 2 cassette automation
Trumpf L3050 5000 Watt CO2 with Lift Master
Trumpf T7040 5-Axis 3kW TruDisk Fiber, split cabin option
Trumpf TruLaser 3030 10kW Fiber laser with LiftMaster loading/unloading
Boss 50W FMD 50 Etching Laser – 4x4 Working Area

PUNCHING:

Trumpf TruPunch 1000 (S19), Tool Rotation and Multi-Tool options

SHEARING:

Cinccinnati CNC Programmable Shear

TURNING:

Haas Automation, TL-25
(30 horsepower, Sub-Spindle, Live Tooling, Programmable C-Axis)

MILLING:

Haas Automation, VF-4 Vertical machining center
(20 horsepower, 7500 RPM Max, Programmable C-Axis)

SAWING:

Marvel (Touch Tech) 20" Vertical Band Saw with 60 degree tilt, automation option

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FORMING:

Trumpf TruBend 5320
(14'6" Bed, 352 Ton Press Brake with 6 axis backgauge, CNC crowning, power tool clamping)

Cincinnati Autoshape
(12' Bed, 2 axis, 230 Ton Press Brake)

Cincinnati 90 MaxForm 6
(90 Ton Press Brake w/8' bend length, 14" stroke, 18" throat w/ 6-axis CNC backgauge, programmable crowning, power tool clamping)

Pacific Pressformer II (150 Ton Press)

IMCAR Power Roll, 10 ga. x 60" wide

Tennsmith BP-SR460401 Power Roll

Baileigh SR-1220M Hand Roll (Small parts roller)

WELDING EQUIPMENT:

(2) Amada 40 ST Resistance Welders
(5) Miller Dynasty 350 Tig Welders
(4) Miller 250 Syncrowave Tig Welders
(4) Tip Tig HW Welding Systems
Miller Invision 354 Mig Welder
NCD 100 Nelson Stud Welder
Nelson Nelweld 4000 Stud Welder with 3/16" to 7/8" capacity
Midwest CD50 Stud Welder, up to 1/4" capacity
150 kVA Sciaky Resistance Welder
BLUCO Modular Fixturing Table. (274" x 118" maximum weldment size.
Capable of holding 0.005". The ultimate welding fixture!

HARDWARE INSERTION EQUIPMENT:

Haeger 618 One Touch with Auto Feed

FINISHING:

Time Saver 137-1HDMV Parts Finisher
Roto-Finish 3 cu. ft. Steel Ball Media Burnisher

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MISCELLANEOUS FABRICATION EQUIPMENT:

Roper Whitney Multi-Radius Machine
US Amada CHS-220 Corner Notcher
Miller Portable Plasma Cutter
Propen Marking System
Bridgeport Series 1 Milling Machine
Chevalier Vertical Mill with digital display
Hardinge Super Precision Lathe with digital display
8' Stroke Sander
(2) Meta-Lax Vibratory Stress Reliever

INSPECTION EQUIPMENT:

Virtek Vision Laser QC _ Optical Scanning System
(2) Faro EDGE 8' Arm, portable measuring system
Faro Vantage Laser Tracker, portable 3D measuring system
Dial and Digital Height Gages
Various Calibrated Surface plates
Inspection Grade Blocks
Hole diameter pin gauge

QUALITY SYSTEMS:

ISO 9001:2015 Registered
NQA1-Compliant



Certificate of Registration

This certifies that the Quality Management System of

Byers Precision Fabricators

675 Dana Road
Hendersonville, North Carolina, 28792, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

ISO 9001:2015

Scope of Certification:

Fabrication and Assembly of Precision Sheet Metal Products and Laser Processing to Support the Aviation/Aerospace, Nuclear, Computer, Electronic, Consumer Goods, Transportation, Military, Medical and Robotics Industries

Sameer Vachani
Senior Director, NSF-ISR

Certificate Number:	C0095051-IS6
Certificate Decision Date:	26-FEB-2024
Certificate Issue Date:	26-FEB-2024
Cycle Effective Date:	15-MAR-2024
Certificate Expiration Date*:	14-MAR-2027

Issued by:
NSF International Strategic Registrations (NSF-ISR)
789 N. Dixboro Road, Ann Arbor, MI 48105 USA

Authorized Certification and/or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request.

*Company is audited for conformance at regular intervals. To verify certification call (888) NSF-9000 or visit our web site at www.nsf-isr.org

