

# WHAT'S UNDER THE

# HOOD?

## EQUIPMENT LIST

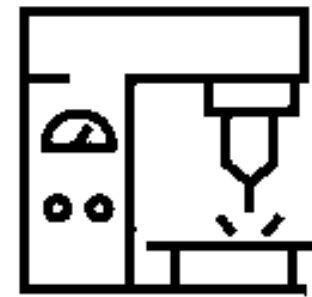
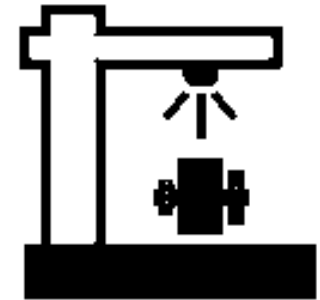
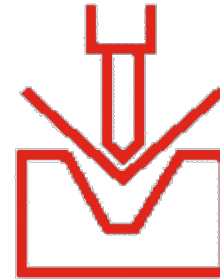


### THE FABRICATION EXPERTS

(800) 234-4239

17055 Oak Ridge Road | Westfield, IN 46074

# eufab



# CNC EQUIPMENTS

## HAASVF-2SS 2005A

### (6 MACHINES AVAILABLE)

12K RPM Spindle, High Speed Tool Changer, CAT 40 Spindle Taper

#### MACHINE SPECIFICATION

Spindle Taper:	CAT 40 (Big Plus)
X-axis Travel:	33.5"
Y-axis Travel:	27.6"
Z-axis Travel:	29.5"
Tool Changer:	24 Station High Speed ATC
Feed Rates:	1400 IPM



## HAAS VF3SSYT (1 MACHINE AVAILABLE)

12,000-rpm, inline direct-drive spindle, high speed  
Tool changer, 40Taper

#### MACHINE SPECIFICATION

Spindle Taper:	CT40   BT40   HSK-A63
X-axis Travel:	40"
Y-axis Travel:	26"
Z-axis Travel:	25"
Feed Rates:	1400 IPM

## OKUMA CAPTAIN L 370 M

### (1 MACHINE AVAILABLE)

CNC Lathe

#### MACHINE SPECIFICATION

Maximum turning length (Z-axis):	19.7 in
Turning diameter over bed (max):	20.8 in
Turning diameter over cross slide (max):	16.5 in
Maximum travel length in the X-axis:	10.2 in
Maximum feed rate in X-axis:	787 in/min
Maximum feed rate in Z-axis:	984 in/min
Maximum power of the main spindle:	30 hp
Diameter of the spindle bore:	3.2 in
Minimum rotary speed of the main spindle:	39 rpm
Maximum rotary speed of the main spindle:	3900 rpm
Total number of tools in the turret:	12 pcs
Tailstock quill diameter:	3.5 in
Maximum travel length of the tailstock quill:	4.7 in
Length of the lathe:	87 in
Width of the lathe:	68 in
Weight of the lathe:	4.8 short ton



#### Equipped With:

OKUMA 200 L Chip transporter  
C-axis synchronous

# METAL FABRICATION EQUIPMENTS

## CINCINNATI INC CL-980

FIBER LASER (Coming Aug 2025)

### MACHINE SPECIFICATION

Laser Output:	8000 Watts
X-Axis Travel:	120"
Y-Axis Travel:	60"
Workload Capacity:	2,292 Lbs.
Max. Cutting Capacity (X-AXIS):	0 to 120" (0 to 3048 mm)
Max. Cutting Capacity (Y-AXIS):	0 to 60" (0 to 1524 mm)
Max. Cutting Capacity (Z-AXIS):	0 to 1.5" (0 to 38 mm)
Z- Absolute Positioning:	+/- 0.001"
Repeatability (X & Y):	.001"
Simultaneous (X & Y Axis):	12,020 IPM



### Equipped With:

- Dual pallet cutting tables
- AC brushless permanent-magnet linear motors (X & Y axis)
- 3/4" to 1-1/2" steel frame construction with lightweight aluminum-honeycomb gantry
- Lower Pallet Special Function ("Box-cutting")
- Dynamic Power Control
- CI Touchscreen control w/ Windows Operating System & Network Interface
- Edge of Sheet Detection
- CI Height Sensing System w/Plasma Sensing Capabilities

## FINN POWER P5FB (2 MACHINE AVAILABLE)

TURRET PUNCH

### MACHINE SPECIFICATION

Max Tonnage:	25
Actuation Type:	Hydraulic
CNC:	Fanuc 16P
Max Sheet Size (inch):	(L) 50.000 x (D) 51.000"
W/1 Repositioning (inch):	(L) 100.000 x (D) 51.000
Hit Rate (1" centers):	320 str/min
Nibble Rate:	600 str/min
Max Hole Diameter:	3.500 Inches
Punching Accuracy:	+/-0.001 Inches



## CINCINNATI INC 90T (3 MACHINES AVAILABLE)

PRESS BRAKES

### MACHINE SPECIFICATION

Maximum Tonnage Capacity:	90 Ton
Overall Length Of Bed & Ram:	12'
Distance Between Housings: Throat	10'6"
Depth:	7"
Stroke Length (Option):	14"
Open Height:	21"
Shut Height:	7"
Main Motor (460/3/60):	15 HP

### Equipped With

Cincinnati 3-Axis CNC Control	14" Extended Stroke
2-Axis CNC Back Gauge (X-24", R-8")	Electric Foot Switch Controls
Palm Button Controls	12' Lower Die Holder



## CINCINNATI INC 60T (1 MACHINE AVAILABLE)

PRESS BRAKES

### MACHINE SPECIFICATION

Tonnage:	60
Bed/Ram:	6'
Bed Width:	3 1/2"
Between Housings:	4'6"
Open Height:	17"
Shut Height:	9"
Bed Height:	34"
Stroke:	8"
Throat:	10"
Lowering Speed:	180 IPM
Bending Speed (Low, Medium, High):	10, 35, 70 IPM
Rising Speed:	195 IPM
Motor:	7 1/2 HP

### Equipped With:

Cincinnati Performance 2 Axis CNC Back Gauge, Electric Foot Pedal, Die Rail and Backgag



**STAMTEC G1-160 (2 MACHINES AVAILABLE)**  
STAMPING PRESS

MACHINE SPECIFICATION

Capacity:	160 Tons
Stroke:	8"
Slide Adjustment:	3.94"
Shut Height:	17.7"
Speed:	40 SPM
Bed Area:	49" x 31.5"
Slide Area:	28" x 21.5"

Equipped With

Air Clutch and Brake, Air Counterbalances, Controls



**STAMTEC G1-110 (2 MACHINES AVAILABLE)**  
STAMPING PRESS

MACHINE SPECIFICATION

Capacity:	120 Tons
Stroke:	3.15" 15.75"
Max. Shut Height To Bolster:	SDAU
Bed Area:	45.25" RL X 21.25" FB
Speed:	50 - 100 SPM
Ram Adjustment:	3.15" MOTORIZED
Ram Area:	25.5" RL X 18.5" FB (T-SLOTTED) 4.75"
Bolster Plate:	H X 45.25" RL X 23.5" FB (T-SLOTTED)
Dist Uprights/Floor To Bed:	24.25" / 28.5"

Equipped With

Air Clutch and Brake, Air Counterbalances, Controls

**HAAS TL-1 2005A (1 MACHINE AVAILABLE)**  
CNC LATHE

MACHINE SPECIFICATION

Chuck Size:	8" 3 Jaw Chuck
Max. Swing Over Bed/Cross Slide:	16"/8.5"
Max. Cutting Diameter:	16"
Max. Machining Length:	30"
X-Axis Travel:	8"
Z-Axis Travel:	30"
Spindle Motor 30 Min. / Cont:	7.5 HP
Spindle Speed:	1,800 RPM
Spindle Nose / Bore:	A2-5"/2.31"
Turret Type:	Gang Style
Rapid Traverse (X/Y):	75 IPM/150 IPM
Tailstock Center:	MT #3



**OKUMA LU300-M (1 MACHINE AVAILABLE)**  
CNC LATHE W/ LIVE MILLING

MACHINE SPECIFICATION

Maximum Swing over Bed:	20.87"
Max. Turning Diameter:	14.57"
Maximum Distance Between Centers:	23.62"
Cross Travel (X-Axis) Upper Slide Above Center:	10.23"
Cross Travel (X-Axis) Lower Slide Below Center:	5.51"
Longitudinal Travel (Z-Axis) Upper Slide:	25.2"
Longitudinal Travel (Z-Axis) Lower Slide:	24.21"
C-Axis Indexing:	001°
Rapid Traverse (X-Axis):	787 IPM
Rapid Traverse (Z-Axis):	984 IPM
Rapid Traverse (C-Axis):	200 RPM
Spindle Bore:	2.44"
Spindle Speed Range:	75 - 5000 RPM

Equipped With

Okuma OSP P200 CNC Control  
Live Tooling

C-Axis  
Upper and Lower Simultaneous Tool Turrets



**ECO-ARC 200B (1 MACHINE AVAILABLE)**  
ROBOTIC WELDER



MACHINES SPECIFICATION

Width: 2140mm (84.2")  
 Height: 2200mm (86.6")  
 Depth: Tabletop 3575mm (140.7")  
 Dimensions: 800mm x 600mm

**OPTX™ 2KW, 240V (1 MACHINE AVAILABLE)**  
LASER WELDER



MACHINES SPECIFICATION

Width: 1016mm (40")  
 Height: 1143mm (45")  
 Depth: 508mm (20")  
 Torch Length: 30 ft  
 Feed Conduit Length: 10 ft  
 Wire Feed Speed: 5 IPM - 80 IPM  
 Wire Diameter: Aluminum 0.035 in. - 0.047 in.  
 Solid Steel 0.035 in. - 0.045 in.

**EUBANKS AUTOSTRIP 7600-01/-02 (1 MACHINE AVAILABLE)**  
AUTOMATIC WIRE CABLE PROCESSOR



MACHINES SPECIFICATION

Dimensions: 13"H x 26"W x 22"D (330mm x 660mm x 560mm)

CAPACITY

- 6 AWG! Thin Stranded and down to 32 AWG wires
  - The maximum production rates for 18 AWG wire (0.82mm<sup>2</sup>) with a 1/4" (6mm) semi-strip on each end.
  - Process multi-conductor cables up to 5/16" (8mm) in diameter
- Produce long strip lengths of up to 20" (500mm)
- Multi-Conductors up to .312" (8mm) Max., O.D.
- Multi-Conductor Strip Capacity up to 21"

# HELLER 350F

## Simultaneous 5 - Axis

Full simultaneous 5-axis contouring for complex aerospace and defence geometries in a single setup, eliminating fixture changes.

## Up to 240 Tools

Standard 60-tool magazine expandable to 240 tools, enabling lights-out production runs without operator intervention.

## Mill-Turn Capable

Integrated turning capability reduces part handling, enabling rotational features without secondary operations or re-fixturing.

## 8 Spindle Options

Choose from 8 spindle configurations up to 18,000 RPM, matched to material properties and tolerance requirements.

## High-Torque Rotary Table

B-axis and A/C-axis rotary tables deliver up to 4,200 Nm of torque for aggressive cuts in titanium, Inconel, and hardened steel.

## Automation-Ready

Integrated APC with robot and pallet pool compatibility enables complete unmanned production across multiple shifts.



## TECHNICAL SPECIFICATION

Category	Specification	HF 3500
LINEAR AXES	Positioning range X/ Y/Z (mm)	710/750/710
LINEAR AXES	Rapid traverse speed X/ Y/Z (m/min)	65 (90/90/80)
LINEAR AXES	Acceleration X/Y/Z (m/ s <sup>2</sup> )	8 (10)
ROTARY AXES	5th axis Type	Swivel table
MACHINING UNITS	Tool shank Size	HSK-A 63 (HSK-A 100)
TOOL MANAGEMENT	Chip-to-chip time (s)	2.6 (2.4)
TOOL MANAGEMENT	Tool weight (kg)	12 (25)
TOOL MANAGEMENT	Chain-type magazine places	54 (80/160/240)



## WARDJET ZXL WATERJET CUTTING SYSTEM

The Wardjet ZXL-2043 is a heavy-duty CNC abrasive water jet cutting system. Designed for large-format fabrication, it is widely utilized to cut through diverse materials—including steel, fiberglass, aluminum, stone, glass, and wood—using high-pressure water and abrasive.

### Technical Specification:

- Cutting Area: 92" × 166" (approximately 2.3 m × 4.2 m)
- Pump Power: Typically equipped with a 50 HP to 75 HP intensifier pump
- Water Pressure: Capable of operating at up to 60,000 PSI
- Cutting: Water / Water + Abrasive
- Dual Heads Available: Yes



## 36 TYPE GEAR SHAPER

This machine is equipped with a 10" riser w 4" spindle. The machines are capable of shaping both internal and external spur gears.

4.5" Stroke, Max Diameter 36",  
Max Stroke 36" Max DP 4, 6"  
Adjustable Taper Riser



## 6A TYPE GEAR SHAPER

Max external pitch dia.: 18"  
Max internal pitch dia.: 18"  
Max face width: 5"  
Max spur DP: 4 DP  
Max helical DP: 6 DP  
Work spindle bore: 2.875"  
Cutter spindle dia.: 2.875"  
Max helix angle: 30°  
Stroke speed: 50-300 SPM  
Machine size (L × H × W): 63"  
× 77" × 48"



# PUMA 3100LSY

## One-Stop Precision Machining

The PUMA 3100LSY combines turning, milling, drilling, Y-axis machining, and sub-spindle operations in one setup, reducing time and improving part accuracy

## Large Part Capacity

With a 12" chuck, 4" bar capacity, and over 50" turning length, the machine can handle long, heavy, and high-value industrial parts

## High Rigidity for Heavy Cutting

Its box guideway construction and rigid slanted design minimize vibration during aggressive roughing cuts, and helping maintain tight tolerances.

## Y-Axis & Live Tooling

The 130 mm Y-axis travel and 5,000 RPM live tooling allow off-center milling, cross-holes, slots, and complex geometries that standard lathes cannot efficiently produce.

## Sub-Spindle Productivity Advantage

The integrated sub-spindle enables back-side machining and part transfer automation, allowing complete machining in one cycle while reducing secondary operations and setup errors.

## Production Efficiency & Reliability

Fast rapid traverse rates, high-torque spindle performance, and quick turret indexing help shorten cycle times.



## TECHNICAL SPECIFICATION

CATEGORY	SPECIFICATION	PUMA 3100LSY
CAPACITY	Chuck Size	12 in
	Max Turning Diameter	420 mm
	Max Turning Length	1285 mm
TRAVELS	Rapid Traverse X/Z	30 m/min
	Y-Axis Travel	130 mm
MAIN SPINDLE	Spindle Speed	3000 r/min
	Spindle Power	30 kW
	Spindle Torque	1123 N·m
SUB SPINDLE	Spindle Speed	4000 r/min
TURRET	Tool Stations	12 ea
	Rotary Tool Speed	5000 r/min
DIMENSIONS	Machine Weight	8500 kg



# **ADDITIONAL EQUIPMENTS**

<b>MACHINE TYPE</b>	<b>MANUFACTURE</b>	<b>MODEL</b>
<b>WELDING</b>		
Spot Welder	Amada	ID-40-ST
Spot Welder	Amada	ID-40-ST
Spot Welder	Amada	ID-40-ST
Welder	Miller	SyncroWave 350
Welder	Miller	SyncroWave 350 LX
Welder	Miller	SyncroWave 250
<b>ASSEMBLY</b>		
Insertion Press	Hager	HP6-C
Insertion Press	Hager	HP6-C
Insertion Press	Hager	618-IL
Insertion Press	Hager	HP6-C-2
<b>MILL</b>		
Mill	MSC	3600V