

Engineering

Our Engineering group supports all phases of the manufacturing process- from research and development, CAD models, print layout, prototyping and production.

Transfer of your electronic file assets is easy with secure FTP access to our facility. All it takes is a call or email us at ftp@humanetics.com.

Precision Sheet Metal Fabrication

Our full line of CNC, Turret, Brake and Laser equipment and extensive selection of punch and brake tooling valued at approximately USD \$2.4 million dollars allows the production of a wide variety of precision sheet metal products while eliminating costly tooling charges.

Precision Machining

Our CNC machining and turning allows us to use a wide variety of materials, such as carbon steels, stainless steels, aluminum, brass and plastics. We also do all secondary operations such as drilling, tapping, grinding, and deburring.

Rapid Prototyping

Our Prototype team is a self-contained business unit of highly skilled, creative professionals that work together in harmony.

With our state-of-the-art equipment and the ethic of constantly adapting to the latest precision fabrication methods, our prototype department delivers precision prototypes in less time and at less cost.

Higher Level Assembly

Humanetics offers higher level assembly as a value-added service to our precision metal fabrication and machining operations.

Our scalable and flexible production with expert materials and process management enables Humanetics to assemble all or part of a customer product.

Our global span of manufacturing sites also enable affordable final product assembly.

Our integrated approach to managing everything from Bill of Materials (BOM) to custom configuration and product fulfillment ensures flexibility, responsiveness and on-time delivery.

Through use of the latest innovations in equipment and accessories, our hardware and assembly departments complement our ability to provide turnkey, precision fabrications and assemblies.

Information Technology

Humanetics provides customers crucial, real time information and metrics throughout the entire business flow. From engineering to accounting, everything is measured for constant quality improvement.

Humanetics uses a sophisticated ERP system (Global Shop) that integrates information about all facets of precision manufacturing including:

- Online Inventory
- Online Open Sales Orders
- Online RMA
- Customized Reporting
- Online Shipment Tracking
- Online Turret Tools Database

Equipment List

4 Metal Shears



Qty.	Brand	Equipment disc.	Location
1	Amada	8FT SHEAR - M4065	Dallas
1	Amada	13-FT SHEAR - M2560	Austin
1	Amada	8FT SHEAR - M-2060	McAllen
1	Amada	8FT SHEAR - M2045	China

5 CO2 and Fiber Laser



Qty.	Brand	Equipment disc.	Location
1	Mazak	4kw Fiber LASER - YLS-4000 CT	Dallas
1	Trumpf	3 kw CO2 LASER - TLF3000	
1	Finn Power	4 kw CO2 PRIMA LASER - CP4000	Austin
1	Trumpf	5 kw CO2 LASER - L3050	McAllen
1	Amada	3.5kW CO2 LASER - LCG3015	China

18 Amada Turret Press or Turret/Laser Combo



Qty.	Brand	Equipment disc.	Location
8	Amada	VIPROS III 306010 NT, VP 357 Q (3), PEGA 345K (3) APELIO PUNCH/LASER 357	Dallas
3	Amada	V3K3610NT, VP305072, VP305072	Austin
4	Amada	EM2510NT, PEGA 345, VIPROS 357, 358 VIPROS KING	McAllen
4	Amada	VIPROS 368K, PEGA 304050, PEGA 304050 KING, EM2510NT	China

33 Forming Presses



Qty.	Brand	Equipment Desc.	Location
11	Amada	RG35S, RG-80S, RG80 (2), 1040E 100TON, FBD8025NT (3), NC-9-EX2-P RG80 (2), RG-80 NC9-EX2-P	Dallas
2	Diacro	14-48-2, 13-36 12T	Dallas
6	Amada	RG100, RG35, RG80 (4)	Austin
8	Amada	9239, RG80, FBD III 1030, RG-100 (2), PH65/25, DIACRO, RG80	McAllen
6	Amada	RG50, RG80, RG125, RG35S, RG50, RG100	China



22 Hardware Installation Presses

Qty.	Brand	Equipment Desc.	Location
8	Haeger	824, 618-1L, 618, HP6-B, 824-PLUS-1H, 824-WT-1H (3)	Dallas
4	Haeger	618 UN, 618, 824-PLUS-1H (2)	Austin
6	Haeger	HP6-B, 824, 618-H (4)	McAllen
4	Haeger	618PLUS-H (4)	China



45 Welding- Manual/Robotic and Spot Welding

Qty.	Brand	Equipment desc.	Location
1	OTC	ROBOTIC WELDER - ALMEGAAX-V6L	Dallas
15	Miller	Syncrowave: 350P, 250 (6), 351 (2), 350LX (2), 351, CP-300 MIG, Millermatic MIG (2)	
1	MCCREERY	Spot Welder A2-150-18-C	
1	STANDARD	Spot Welder P50-24-150	
1	ACME	Spot Welder 75 kva rocker arm	
8	Miller	Syncrowave: 250 (5), 351, VINTAGE MIG, 250X MIG	Austin
1	Amada	Spot Welder ID-40-5T	
1	WELD-MOR	Spot Welder RA22450	McAllen
4	Miller	Syncrowave: 350P (2), 351, 250	
1	OTC	ROBOTIC WELDER - AXCML1-U000	
1	Amada	LMS350	
1	ACME	ENTRON 75 KVA	
1	TAYLOR/WINFIELD	NB-24-75	China
1	OTC	ROBOTIC WELDER	
5	Miller	Syncrowave: 250 (3), MIG-250X X (2)	
1	Amada	ID-40-ST Spot welder	China



31 Machining Center

Qty.	Brand	Equipment desc.	Location
1	MAZAK	HCN 5000 HORIZONTAL	Dallas
1	MAZAK	QTN-350M CNC TURNING/MILLING	
3	LEADWELL	V-40 CNC MILL	
1	HAAS	GR-408 CNC MILL	
1	KITAMURA	MYCENTER 2XiF CNC MILL	
1	LEADWELL	MCV-1000CA CNC MILL	
7	MORI SEKI	SL-25Y CNC MILL, MV-40B CNC MILL, MV-40E CNC MILL, TV30 CNC MILL, SV-50 CNC MILL, MV JUNIOR CNC MILL (2)	
1	VICTOR	1654 DCM CNC MILL	
1	DO-ALL	DO-ALL 13 CONVENTIONAL LATHE	
1	HARDINGE	DSM-9 CONVENTIONAL LATHE	
2	CONVENTIONAL MILL	12 X 48 with DRO (2)	Austin
2	MAZAK	QUICK TURN 8 T-32B CNC LATHE (2)	
1	MAZAK	VCN 700D VERTICAL	
1	MAZAK	HCN 5000 HORIZONTAL	
1	MAZAK MILL	FH-4800 HORIZONTAL	
1	MONARCH	CONVENTIONAL LATHE	
1	MORI JUNIOR	MORI JUNIOR JR CNC MILL	
4	MORI SEKI	MV-JR CNC MILL (2), FRONTIER MII CNC MILL, SL-250 CNC MILL	
1	LAGUN	FTV-1 CONVENTIONAL MILL	
1	JET	JMD-18 CONVENTIONAL MILL	
1	BRIDGE-PORT	BR281856 CONVENTIONAL MILL	McAllen
1	HAAS MILL	HAAS MILL GR-408	
1	BRIDGE-PORT	CONVENTIONAL MILL	
1	CLAUSIN	CONVENTIONAL LATHE	
1	MORI SEKI	MV JUNIOR CNC MILL	

Locations

Austin

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Dallas

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