

METAL STAMPING SERVICES



Die Build | Die Repair | Production Support



MAJESTIC
A TOOLING TECH GROUP COMPANY

The Quality You Need. On Time, Every Time.



YOUR SINGLE SOURCE FOR DIE DESIGN THROUGH PRODUCTION

Die Design & Build

Founded in 1982, Majestic Industries, a Tooling Tech Group company, specializes in the design and build of progressive and transfer dies for the automotive and consumer industries. Using advanced design and simulation tools, as well as laser measurement technology, we're able to quickly identify tooling deformations and fix problems early in the manufacturing process. From there, we employ our stamping presses with in-die sensors and vision systems to inspect the accuracy of parts running at high speeds.

Additionally, Majestic is a specialist in mid- to high-volume production stampings of dual-phase, high strength steels or as a resource for emergency offload stampings.

We also have expertise in low-cost country (LCC) die sourcing needs across the entire build process using OEM-approved LLC die manufacturers.

Majestic can serve as a single source supplier for all your stamping die and production needs, with on-time delivery each and every time.

Capabilities

- Die design and build
- Die tryout
- Die repair and refurbishment
- Emergency offload
- Prototyping
- Mid- to high-volume production; HSS specialists
- LCC die sourcing

Specifications

- Die Size: 48" – 280"
- Materials: Mild steels (CR and HR), galvanized, stainless, HS and AHS steels, aluminum
- Presses: 800 to 2,750 tons
- Coil Stock: up to 72" width, 5mm thick

IATF 16949 Certified



Design and build of one die or a 40-die-package, we can handle the project from start to finish.



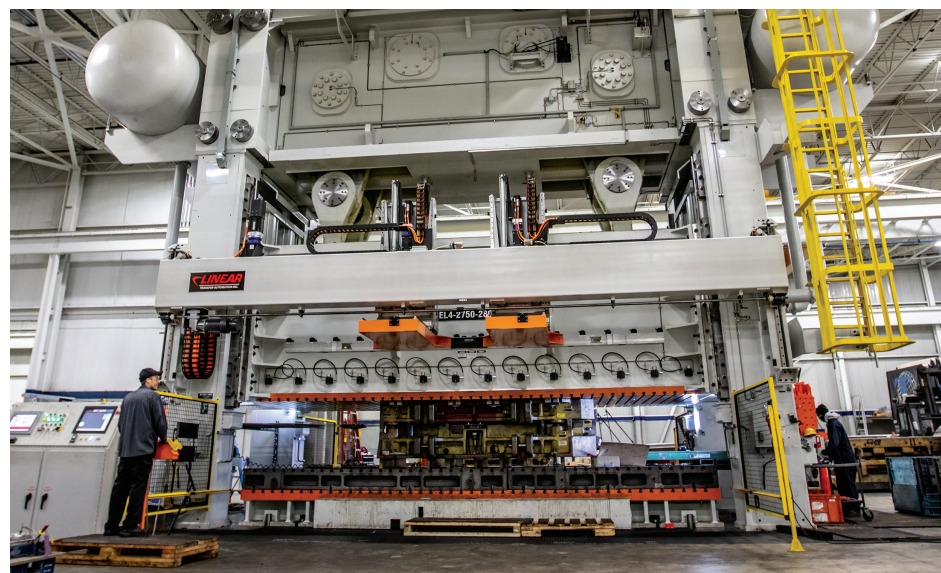
Dies are tried and tested in a production intent environment including feed rates, sensors, and scrap shedding capabilities.



We have production stamping capability for emergency offload, short-and long-term requirements.



Laser scanning services enables us to achieve quick dimensional accuracy during die design and repair.



Equipment

PRESSES

Press Make	Type (Prog/Transfer/Blanking/Tandem?)	Max Tonnage	Scrap Shed (Through Bolster or Shakers)	BED SIZE		Window Size (in)	SHUT HEIGHT	
				Front to Back (in)	Left to Right (in)		Min (in)	Max (in)
Eagle	Prog / Transfer	2750 tons	Drop thru Bolster	108	280	108	48	60
Eagle	Prog	1200 tons	Drop thru Bolster	108	216	74	33	44
Danly	Prog	1500 tons	Drop thru Bolster	96	188	74	38	48
Heim	Prog	800 tons	Shakers	60	144	42	30	42
Heim	Prog	800 tons	Shakers	70	144	53	31	42

Stroke (in)	Max Coil Width (in)	Max Coil Thickness (in)	Max Coil Weight (lbs)	Coil ID (in)	Max Coil OD (in)	SPM		Other
						Minimum	Maximum	
36	72	0.38	50,000 lbs	20-24"	70	10	22	"Puller Linear Transfer"
16	72	0.25	30,000 lbs	20-24"	70	20	35	Puller
16	72	0.25	30,000 lbs	20-24"	70	20	35	
12	42	0.38	10,000 lbs	20-24"	60	15	35	
12	52	0.38	20,000 lbs	20-24"	60	15	40	
12	36	0.25	Line Die	20-24"	60	15	40	

MACHINE TOOLS

Model	Max. Table Travel (in)	Load Limit (lbs)	Controls	Machine Style
YCM DCV6030BF	216 x 102	55115	YCM FANUC	Bridgemill
TOSHIBA BP130.P40	160 x 90	55000	TOSNUC 888	Boring Mill
TOSHIBA BTD 110.R16	78 x 64	13860	TOSNUC 888	Boring Mill
VIPER VMC1600	62 x 30		MITSUBISHI	Vertical Spindle
OKUMA HOWA MILLAC 852V	80 x 32		FANUC	Vertical Spindle
OKUMA HOWA MILLAC 852V	80 x 32		FANUC	Vertical Spindle
YCM WV108B	42.6 x 29		YCM FANUC	Vertical Spindle
OKK VM7-III	60 x 29		MITSUBISHI	Vertical Spindle
OKUMA HOWA MILLAC 65V #11	51 x 15.6		FANUC	Vertical Spindle
MAKINO A51NX	25.2 x 11		FANUC	Horizontal Spindle
OKUMA HOWA 561V w/Pallet Changer	41.3 x 22		FANUC	Vertical Spindle
KITAMURA 3XD	30 x 20		MITSUBISHI	Horizontal Spindle
KITAMURA 3XD	30 x 20		MITSUBISHI	Horizontal Spindle
KITAMURA 3XD	30 x 20		MITSUBISHI	Horizontal Spindle
VIPER VMC2000 GXT	60 x 80	14000	FANUC	Vertical Spindle
AWEA SP-3016	60 x 120		FANUC	Vertical Spindle
HYUNDAI F500	20 x 40		FANUC	Vertical Spindle
HYUNDAI F500 PLUS	20 x 40		FANUC	Vertical Spindle
HYUNDAI F400	18 x 30		FANUC	Vertical Spindle
HYUNDAI F400	18 x 30		FANUC	Vertical Spindle
CHARMILLES ROVOFIL 330	12 x 15.75		CHARMILLES	Wireburn
CHARMILLES ROVOFIL 330	12 x 15.75		CHARMILLES	Wireburn
CHARMILLES ROVOFIL 300	10 x 15.75		CHARMILLES	Wireburn
MITSUBISHI M10049	13.75 x 19.7		MITSUBISHI	Wireburn
MITSUBISHI M10049	13.75 x 19.7		MITSUBISHI	Wireburn

INSPECTION

Model	Table Size
Brown and Shape CMM	35.5 x 47.25 x 35.5
Mitutoyo KN-807 CMM	27.5 x 33.5 x 24
Leica Laser Scanner – AT 960 T-Scan System	



COMPANY OVERVIEW

Founded in 1980, Majestic Industries is a leader and innovator of progressive and transfer stamping dies for the automotive and consumer industries offering design, build, try-out, and repair, as well as production runs. The company was purchased in 2015 by Tooling Tech Group (TTG), founded in 1982.

Tooling Tech Group builds custom automated systems for assembly, joining and inspection as well as tooling for a variety of applications including thermoform molding, high compression composite molding, blow molding, rotational molding, die casting, and stamping. Industries served include automotive, appliance, lawn and garden, agricultural, aerospace, marine, and off-road vehicle industries, among others. Through organic growth and acquisitions, the company has become the largest tooling provider in the United States with 650+ employees, 13 modern facilities and over 1 million square feet of manufacturing space across four states.

The depth and breadth of our capabilities is achieved through the combined experience of our company units, with each of these companies being in business for 30+ years, providing both extensive industry experience and financial stability that you can rely upon. Our unique differentiator is the ability to provide all tooling services from design to engineering to simulation to machining to fabrication to try-out all within one company. This single source ability can help to streamline your business operations and simplify your life. We take full responsibility for quality, delivery, and cost management of each project starting at concept through “on time, every time” delivery.



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