



MATRIX TOOL INC.
ADVANCED MOLDING AND TOOLING

4976 Franklin Road
P.O. Box 920
Fairview, PA 16415
Made in the USA

814 · 474 · 5531

info@matrixtoolinc.com

www.matrixtoolinc.com



ADVANCED MICRO TOOLING

Equipment Summary	QTY	Workspace (X, Y, Z) (in)	Description
CNC WIRE EDM	6	13", 9.8", 9.5"	Our ultra-high precision CNC Wire EDM center is capable of precision as fine as .000040", with finishes as fine as .80RA, using wire as fine as .002" diameter.
CNC EDM & DIE SINK EDM	9	13", 9", 11" (Tool Changer Equipped)	Our ultra high precision die sink EDM center features a Sodick AG40LP capable of precision as small as .000040".
CNC MILLING	7	40", 20", 20" (Tool Changer Equipped)	Our ultra high precision CNC milling center features a Sodick 650L, capable of .000050" precision and finishes as fine as 1nm.
SURFACE GRINDING	23	14", 6", 15"	Our extensive precision surface grinding center can hold tolerances as small as .000050".
SUPPORT MACHINING	With support machining capabilities of hole popping, turning, manual milling, engraving, welding, polishing and more, we can take your projects from start to finish.		

ENGINEERING



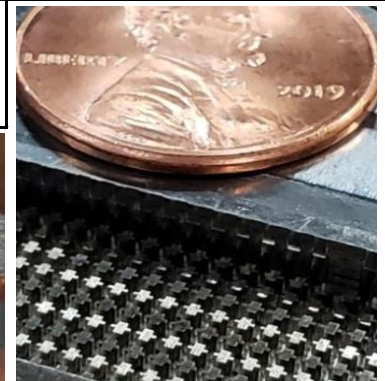
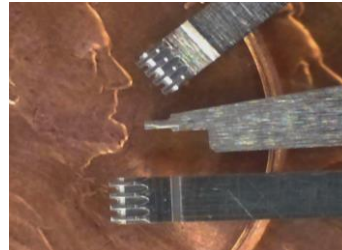
Our highly skilled Engineering team uses SolidWorks and MoldFlow to tackle your toughest tooling challenges.



High Speed Precision Mill



High Precision Die-Sinker EDM



ISO 9001 CERTIFIED

IATF 16949 CERTIFIED

CONNECT WITH US!



MATRIX TOOL PROVIDES TURNKEY SOLUTIONS TO TODAY'S TOUGHEST MARKET CHALLENGES



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NISSEI ADVANCED PRECISION MOLDING

Total # Presses (21)	Press Tonnage (T)	Available Shot Size (oz)	Tie Bar Spacing (in)		RJG Capable
			Horizontal	Vertical	
			(Min / Max)	(Min / Max)	
2	55	1.2	13.0 / 14.2	13.0 / 14.2	✓
10	89	1.2 / 3.4	15.2 / 16.5	15.2 / 16.5	✓
7	123	3.4 / 4.9	16.5 / 18.1	16.5 / 18.1	✓
1	154	6.7 / 8.5	18.9	18.9	✓
1	237	13.5 / 16.9	23.2	23.2	✓

SODICK ADVANCED MICRO MOLDING

Total # Presses (21)	Press Tonnage (T)	Available Shot Size (oz)	Tie Bar Spacing (in)		RJG Capable
			Horizontal	Vertical	
			(Min / Max)	(Min / Max)	
14	20	0.15 / 0.47	12.2	10.02 / 12.2	✓
7	60	0.47 / 0.91	14.1	12.5	✓

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