



JPM Machining Capabilities

Automated 5-Axis Machining Centers

Manufacturer	Model	Work Envelope X Y Z B C	Spindle RPM	Pallets
Matsuura	MX-330 PC10	17" x 18" x 22" x -125° to 10° x 360° 12.9"Ø x 11.8" tall	20,000	10
Matsuura	MAM72-42V	21" x 17" x 22" x -125° to 65° x 360° 16.5"Ø x 12.4" tall	20,000	32

Automated Vertical Machining Center

Manufacturer	Model	Work Envelope X Y Z	Spindle RPM	Pallets
Haas	VF-2SSYT	30" X 20" X 20"	15,000	4

Automated Horizontal Machining Center

Manufacturer	Model	Work Envelope X Y Z	Spindle RPM	Tombstones
Haas	EC-400 PP	20" x 20" x 20" 15.75" sq. Part envelope per: 22"Ø x 35" tall	12,000	6

Cobots

Manufacturer	Model	Axis	Description
Productive Robotics	OB7	7-Axis	Payload 11lbs Reach 39.3"
Productive Robotics	OB7	7-Axis	Payload 11lbs Reach 39.3"

Universal 5-Axis Machining Centers

Manufacturer	Model	Work Envelope X Y Z B C	Spindle RPM
Haas	UMC-750SS	30" x 20" x 20" x 110° to -35° x 360°	15,000
Haas	UMC-750SS	30" x 20" x 20" x 110° to -35° x 360°	15,000

Vertical Machining Centers

Manufacturer	Model	Work Envelope X Y Z	Spindle RPM
Okuma	Genos M560-V	41" X 22" X 18"	15,000
Okuma	Genos M560-V	41" X 22" X 18"	15,000
Haas	VM-2	30" X 20" X 20"	12,000
Haas	VM-2	30" X 20" X 20"	12,000
Haas	VF-2SS	30" X 16" X 20"	12,000
Haas	VF-2SS	30" X 16" X 20"	12,000
Haas	VF-2SS	30" X 16" X 20"	12,000
Haas	VF-2SS	30" X 16" X 20"	12,000
Haas	VF-2SS	30" X 16" X 20"	12,000
Haas	VF-2SS	30" X 16" X 20"	15,000
Haas	VF-2SS	30" X 16" X 20"	15,000
Haas	VF-2SS	30" X 16" X 20"	15,000
Haas	Super Mini Mill	16" x 14" x 15"	10,000
Haas	Mini Mill	16" x 14" x 15"	8,000

Swiss Turning Centers

Manufacturer	Model	Max. Ø	-	Max. Length	Main Spindle	-	Sub Spindle
Citizen	K16E	.625"		7.88"	15,000		10,000
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Turning Centers

Manufacturer	Model	Max. Ø	-	Max. Length	Spindle RPM
Haas	ST-20	13"		22.5"	4,000
Haas	SL-20	10.3"		20"	4,000
Haas	TL-1	8"		30"	1,800

Dual Spindle Live Tooling Y-Axis Turning Center

Manufacturer	Model	Max. Ø	-	Max. Length	Main Spindle	-	Sub Spindle
Okuma	Genos L300MYW	11.8"		18"	3,500		6,000
Haas	ST-20Y	11.75"		22.5"	4,000		6,000

Drill and Tap Centers

Manufacturer	Model	Work Envelope X Y Z	Spindle RPM
Haas	DT-1	20" X 16" X 15"	15,000
Haas	DT-1	20" X 16" X 15"	12,000

Finishing/Deburring Equipment

Manufacturer	Model
MFI	HZ-160 Centrifugal Barrel Finisher
Mr Deburr	300
Mr Deburr	300
Mr Deburr	600