

CNC Machining Line Card



Equipment Type	Description	Make	Model	Status	# of Axis	Material	Spindle Speed	Operating Length	Operating Width	Operating Thick / Dia	A Rotation	B/C Rotation	Approximate Feature Location Tolerance	Approximate Feature Tolerance?	Interface	Size Range	Axis Group
NC Mill	Vertical CNC	Haas	Super Mini Mill	Active	3	Al, St, Polymer	15,000	16	12	10	-90						
EDM	Drill EDM	KTC	SD-1M	Active		EDM-DRILL	-				-90						
EDM	Wire EDM	Agie-Charmilles	ROBOFIL 2020Si	Active		Wire	-				-90						
EDM	Wire EDM	Mitsubishi	MVR	Active		Wire	-				-90						
Grind	Cylindrical Grind	Brown & Sharpe		Active		Cylindrical	-				-90						
Grind	Cylindrical Grind	Myford		Active		Cylindrical	-				-90						
Grind	Jig Grind	Moore		Active		NC Jig	-				-90						
Grind	Jig Grind	Moore		Active		Jig	-				-90						
Grind	Surface Grind	Okamoto	12-24DX	Active		Surface	-	24	12		-90						
NC Mill	Vertical CNC	HAAS	Mini-Mill	Active	3	Al, St, Ti	6,000	16	12	10	-90		0.0017	0.0005	CAT-40	3-Axis Small	3
NC Mill	Vertical CNC	HAAS	VM-3	Active	3+1	Al, St, Ti	8,000	40	26	25	-90		0.0020	0.0010	CAT-40	4-Axis Medium	4
NC Mill	Vertical CNC	HAAS	VF-11	Active	3+1	Al, St, Ti	8,000	120	40	30	-90		0.0030	0.0030	CAT-40	4-Axis Large	4
NC Mill	Vertical CNC	HAAS	VF-9	Active	3	Al, St, Ti	15,000	84	40	30	-90		0.0030	0.0030	CAT-40	3-Axis Large	3
NC Mill	Vertical CNC	Kitamura	3X	Active	3+1	Al, St, Ti	10,000	30/16	20/6	20/4	-90		0.0020	0.0030	CAT-40	4-Axis Medium	4
NC Mill	Vertical CNC	Kitamura	3Xi	Active	3	Al, St, Ti	10,000	30	20	20	-90		0.0020	0.0030	CAT-40	3-Axis Medium	3
NC Mill	Vertical CNC	Kitamura	3Xi	Active	3+2	Al, St, Ti	10,000	30/6	20/6	20/6	-90		0.0020	0.0020	CAT-40	3+2 Large	3
NC Mill	Horizontal CNC	Kitamura	HX630i	Active	4	Al, St, Ti	10,000	24	24	24	-90		0.0014	0.0005	CAT-50	4-Axis Small	4
NC Mill	Vertical CNC	Kitamura	3Xi-F	Active	3	Al, St, Ti	18,000	30	20	20	-90		0.0020	0.0005	CAT-40	3-Axis Small	3
NC Mill	Vertical CNC	Kitamura	3XG	Active	5	Al, St, Ti	15,000	30/6	20/6	20/6	-90		0.0010	0.0005	CAT-40	5-Axis Large	5
NC Mill	Vertical CNC	Kitamura	3Xi-G	Active	5	Al, St, Ti	15,000	30/6	20/6	20/6	-90		0.0010	0.0005	CAT-40	5-Axis Large	5
NC Mill	Vertical CNC	Kitamura	3020G	Active	5	Al, St, Ti	15,000	30	20	20	-90		0.0010	0.0005	CAT-40	5-Axis Large	5
NC Mill	Vertical CNC	Kitamura	3020G	Active	3	Al, St, Ti	15,000	30	20	20	-90		0.0010	0.0005	CAT-40	3-Axis Small	3
NC Mill	Vertical CNC	Kitamura	MyTrunnion 4G	Active	5	Al, St, Ti	15,000	16	16	20	-90		0.0010		CAT-40	5-Axis Medium	5
NC Mill	Horizontal CNC	Kitamura	HX250G	Active	4	Al, St, Ti	15,000	12	12	13	-90		0.0010		CAT-30	4-Axis Medium	4
Grind	Surface Grind	Okamoto	124N	Active		Surface	-				-90						
NC Lathe	CNC Turning	Citizen	M32	Active	8 / M	Al, St, Ti	5,000	8		1.25	-90			0.0003			
NC Lathe	CNC Turning	Mazak	Quick Turn 100	Active	2	Al, St, Ti	5,000	6		1.5	-90			0.0002			
NC Lathe	CNC Turning	Mazak	Quick Turn 200	Active	2	Al, St, Ti	5,000	6		Ø1.5 / Ø8	-90			0.0004			
NC Lathe	CNC Turning	Mazak	250 MSY	Active	4 / M	Al, St, Ti	4,000	10-Jun		Ø2 / Ø11	-90			0.0004			
NC Lathe	CNC Turning	Mazak	Q7N 200MS	Active	3 / M	Al, St, Ti	4,000	10-Jun		Ø2 / Ø11	-90			0.0004			
NC Lathe	CNC Turning	Mazak	QT-E28MY	Active	4 / M	Al, St, Ti	6,000	10-Jun		Ø2 / Ø10	-90			0.0002			
NC Mill	Vertical CNC	Fanuc Robodrill	D21SIA5	Active	3	Pl,Al,Ti,St	24,000	11.81"	15.74"	12.99"	-90		0.0010	0.0005	BT30		
NC Mill	Vertical CNC	Fanuc Robodrill	D21SIBSADV	Active	3	Pl,Al,Ti,St	24,000	11.81"	15.74"	12.99"	-90		0.0010	0.0005	BT30		
NC Mill	Vertical CNC	Fanuc Robodrill	D14MBS	Active	3	Pl,Al,Ti,St	10,000	19.68"	15.74"	12.99"	-90		0.0010	0.0005	BT30		
NC Mill	Vertical CNC	Fanuc Robodrill	D21LIA5	Active	5	Pl,Al,Ti,St	24,000	9.00"	6.00"	3.00"	-90		0.0010	0.0005	BT30		
NC Mill	Vertical CNC	Fanuc Robodrill	D21LIBSADV (w/trunnion)	Active	4	Pl,Al,Ti,St	24,000	26.00"	15.74"	12.99"	360		0.0010	0.0005	BT30		
NC Mill	Vertical CNC	Hurco	VMK 24	Active	3	Pl,Al,Ti,St,Mg	10,000	24.00"	20.00"	24.00"	-90		0.0030	0.0015	CAT-40		
NC Mill	Vertical CNC	Hurco	VM2	Active	3	Pl,Al,Ti,St	8,000	40.00"	18.00"	18.00"	-90		0.0030	0.0015	CAT-40		
NC Mill	Vertical CNC	Akira-Seki	SV550	Active	3	Pl,Al,Ti,St	12,000	21.65"	17.13"	20.47"	-90		0.0020	0.0010	CAT-40		
NC Mill	Vertical CNC	Akira-Seki	SV760	Active	3	Pl,Al,Ti,St	12,000	30.00"	17.13"	20.47"	-90		0.0030	0.0015	CAT-40		
NC Mill	Vertical CNC	Akira-Seki	V4XP	Active	3	Pl,Al,Ti,St	12,000	41.33"	21.26"	22.00"	-90		0.0020	0.0010	CAT-40		
NC Mill	Vertical CNC	Akira-Seki	PERFORMA V3 XP	Active	3	Pl,Al,Ti,St	12,000	32.00"	20.00"	20.00"	-90		0.0020	0.0010	CAT-40		
NC Mill	Vertical CNC	Ping-Jeng	MCV-MBH	Active	5	Pl,Al,Ti,St,Mg	15,000	9.00"	6.00"	3.00"	-90		0.0015	0.0008	CAT-40		
NC Mill	Vertical CNC	Ping-Jeng	MCV-MBH	Active	3	Pl,Al,Ti,St	15,000	31.49"	19.68"	19.68"	-90		0.0015	0.0008	CAT-40		
NC Mill	Vertical CNC	Spinner	VC 360	Active	3	Pl,Al,Ti,St	15,000	14.17"	12.20"	12.20"	-90		0.0020	0.0015	CAT-40		
NC Mill	Vertical CNC	Feeler	U-600P	Active	5	Pl,Al,Ti,St	10,000	18.11"	20.47"	15.74"	+40/-20	360	0.0040	0.0008	BT40		
NC Mill	Vertical CNC	Haas	UMC-750	Active	5	Pl,Al,Ti,St	10,000	30.00"	20.00"	20.00"	-90		0.0010	0.0003	CAT-40		
NC Mill	Horizontal CNC	Kiwa	KH-41	Active	4	Pl,Al,Ti,St	12,000	20.10"	20.10"	20.10"	-90		0.0010	0.0010	CAT-40		
NC Mill	Horizontal CNC	Kiwa	KH-4100	Active	4	Pl,Al,Ti,St	15,000	20.10"	20.10"	20.10"	-90	360	0.0015	0.0010	CAT-40		
NC Lathe	CNC Turning	HURCO	TMB	Active	2	Pl,Al,Ti,St	4,800	8.00"	20.00"	12.00"	-90						
NC Lathe	CNC Turning	YAMASEKI	GLS-200M	Active	2	Pl,Al,Ti,St	4,200	7.08"	20.47"	12.59"	-90						
NC Lathe	CNC Turning	YAMASEKI	GLS-200A	Active	2	Pl,Al,Ti,St	4,200	7.08"	13.38"	11.02"	-90						
NC Lathe	CNC Turning	YAMASEKI	GLS-1500LY	Active	2	Pl,Al,Ti,St	4,000	13.00"	9.00"	15.35"	-90						
NC Lathe	CNC Turning	YAMASEKI	GS-260Y	Active	2	Pl,Al,Ti,St	4,000	23.62"		16.53"	-90						

