

MACHINE SHOP EQUIPMENT LIST

Precision Machining You Can Trust

Liberty Precision is your go-to expert for machining services and metalworking. Founded in 2011 in Houston, Texas, our 22,000-square-foot facility features advanced CNC technology and inspection capabilities to tackle even the most complex projects. As an ISO 9001:2015 and AS9100D certified machine shop with industry-leading accuracy and on-time delivery, we leverage over 450 years of combined expertise to excel in producing difficult-to-manufacture parts.

CNC PRECISION TURNING

Lathe Machine Center

BRAND	MODEL	QTY	SPECIFICATIONS
O-M LTD	NEO-16EX	1	Max 78" OD, 60" LG
TAKISAWA	LS-1000 L30	1	Max 36" OD, 124" LG, 8" thru hole
TAKISAWA	LS-1100 L30	1	Max 36" OD, 124" LG, 8" thru hole
SAMSUNG	SL-65/3200	1	Max 36" OD, 136" LG, 6" thru hole
SAMSUNG	SL45MC/2200BB	1	Max 28" OD, 89" LG, 5" thru hole
SAMSUNG	SL45MC/2200BB	2	Max 25" OD, 89" LG, 6" thru hole
MORISEIKI	SL-403/2000	1	Max 25" OD, 78" LG, 6" thru hole
TAKISAWA	NEX-115	1	Max 25" OD, 38" LG, 8" thru hole
TAKISAWA	TG-4030	1	Max 25" OD, 100" LG, 6" thru hole
TAKISAWA	TG-4020	1	Max 25" OD, 80" LG, 10" thru hole
DMC	DL-40L	1	Max 22" OD, 65" LG, 5" thru hole
DMC	DL-40	2	Max 15" OD, 50" LG, 4.5" thru hole
DMC	DL-22LY	1	Max 5" OD, 24" LG, 2.75" thru hole
SAMSUNG	SL-40/1500	1	Max 20" OD, 60" LG, 5" thru hole
MORISEIKI	M5-12506	1	Max 12" OD, 40" LG, Manual lathe
DN SOLUTION	LYNX 2100	1	Max 3" OD, 15" LG, 1" thru hole
TAKISAWA	LA-150	1	Max 2" OD, 12" LG, 0.5" thru hole

CNC PRECISION MILLING

Milling Machine Center

BRAND	MODEL	QTY	SPECIFICATIONS
HAAS	VF-12/50	1	4-axis milling, Max 150" LG
DN SOLUTION	VCF 850LSR II	1	6-axis milling, Max 140" LG
SAMSUNG	MCV1060	1	4-axis milling, Max 99" LG
HAAS	VF-6/40	1	4-axis milling, Max 84" LG
KURAKI	AKB-13	1	Boring mill, 71" x 79" table
TAKUMI	V20	1	4-axis milling, Max 79" LG
HAAS	EC-1600	1	Boring mill, 64" x 36" table
HAAS	EC-1600ZT	1	Boring mill, 64" x 36" table
HAAS	VF-6/40TR	1	5-axis milling, Max 64" LG
TAKUMI	V11	1	4-axis milling, Max 43" LG
HAAS	VF-4SS	1	4-axis milling, Max 50" LG
HAAS	UMC1000	1	5-axis milling, Max 40" LG
HAAS	UMC750	1	5-axis milling, Max 30" LG
DN SOLUTION	750I II	1	Max 15" OD, 60" LG, 4" thru hole

WIRE EDM

Electrical Discharge Machine

BRAND	MODEL	QTY	SPECIFICATIONS
HAAS	VF-12/50	1	4-axis milling, Max 150" LG

DEBURRING & GRINDING

EQUIPMENT	BRAND	MODEL	QTY	SPECIFICATIONS
GRINDING	CINCINNATI	1D2T6S-120	1	Max 25" LG
	CINCINNATI	31512T72	2	Max 25" LG

QUALITY CONTROL & OTHER

EQUIPMENT	MODEL	QTY	SPECIFICATIONS
COMPARATOR	PH-A14	1	16" x 6" table
	A28	1	6" x 2" table
HEIGHT GAUGE	518-351A-21	1	Max 32" H
GAUGE MAKER	MT-3024-50	1	Max 25" LG
CMM	CONTURA 7/10/6	1	28" x 40" table
NDE	3509B-01G	1	Max 144" LG
SAW	H-18A	1	Max 18" OD, auto feed
	HVBS-7MW	1	Max 9" OD, auto feed

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YOUR NEXT PROJECT BY VISITING [LIBERTYPC.COM](https://libertypc.com)