

ROYAL PRECISION

CNC MACHINING & MANUFACTURING SOLUTIONS

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ISO 9001:2015 - 27 June 2026 - Cert No. 8038

Royal Precision LLC
5092 Steadmont Drive, Houston, Texas 77040, US

Equipment List as of 2-25-25

MILLS	X AXIS TRAVEL (INCHES)	Y AXIS TRAVEL (INCHES)	Z AXIS TRAVEL (INCHES)	POSITIONING ACCURACY (INCHES)	Max Load (Lbs)
YAMA SEIKI BM 1400	55.1	31.5	27.5	0.0003	3,968
YAMA SEIKI BM 1460	55.1	23.6	23.6	0.0003	3,085
YAMA SEIKI VBN 1400	55.1	23.6	23.6	0.0003	3,968
YAMA SEIKI BM 1460	55.1	23.6	23.6	0.0003	3,968
YAMA SEIKI BM 1460	55.1	23.6	23.6	0.0003	3,968
HYUNDAI-WIA 750B	61	30	28.5	0.0002	4,409
YAMA SEIKI BM 1200	47	23.6	23.6	0.0003	2,650
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YAMA SEIKI BM 1200	47	23.6	23.6	0.0003	2,650
MAZAK NEXUS 510C	41.3	20.8	26	0.0003	2,640
HYUNDAI-KIA VX750M	61	30	28.5	0.0002	4,400
OKK VM7	60	29	26	0.0002	3,300
YCI SUPERMAX VX-1250A	50	20.5	21.3	0.0002	2,200
YAMA SEIKI BM 1400	55.1	31.5	27.5	0.0003	3,968
YAMA SEIKI BM 1400	55.1	31.5	27.5	0.0003	3,968
YCM TV 146B	55.1	24.2	26.7	0.0002	3,306
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TWIN PALLET HORIZONTAL MILLS					
MILLAC 630H 2000	40.1	32.3	31.2	0.0002	2,640
MAKINO A55E	22	22	22	0.0004	1,102 (ea)
BORING MILLS					
(2) GIDDINGS LEWIS RT1250	144	82.7	59	0.0003	33,100
HYUNDAI-WIA 135C	157.5	78.7	63	0.0002	22,046
LATHES	CHUCK DIA. (INCHES)	MAX SWING (INCHES)	SWING OVER BED (INCHES)	Z-AXIS TRAVEL (INCHES)	ACCURACY (INCHES)
MAZAK NEXUS 450-11	18	12	42	38	.0002
MAZAK QT 300	10	16.5	19	28	.0002
MAZAK QT20	8	10	12	14	.0003
MAZAK QT20	10	12	13	15	.0003
MAZAK 350	12	23	16	60	.0002
EDM	X AXIS TRAVEL (INCHES)	Y AXIS TRAVEL (INCHES)	Z AXIS TRAVEL (INCHES)	ACCURACY (INCHES)	Max Load (Lbs)
MITSUBISHI MV2400S	23.6	15.7	12.2	0.0001	3,307
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MITSUBISHI MV2400S	23.6	15.7	12.2	0.0001	3,307
MITSUBISHI MV1200S	15.7	11.8	8.7	0.0001	1,102
MITSUBISHI MV2400S	23.6	15.7	12.2	0.0001	3,307
INSPECTION EQUIPMENT BELOW					

INSPECTION EQUIPMENT					
ZEISS CMM CONTURA G2	Travel X: 27.56	Travel Y: 39.37	Travel Z: 23.62	Max Load: 2,535 LBS	0.00005 + 0.0000029 per inch of measured length
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KEYENCE XM Handheld Probe	MAX HORIZONTAL MEASUREMENT RANGE: 46.8		MAX VERTICAL MEASUREMENT RANGE: 39.6		0.00028 + 0.000009 per inch of measured length
MITUTOYO HEIGHT GAGES	MAX HEIGHT RANGE: 23.62				0.000043 + 0.0000010 per inch of measured height
KEYENCE IM-8000 Series	MEASUREMENT RANGE: 11.81 X 7.87				0.00008
GAGE MAKER MIC TRAC 12"					
GAGE MAKER MIC TRAC 14"					
Rockwell & Brinell HARDNESS TESTERS					
MATERIAL COMPOSITE SCANNER					
VARIOUS RENISHAW HEADS					