

B & B EQUIPMENT LIST



ASSEMBLY FINISHING KITTING MACHINING SUPPLY CHAIN MANAGEMENT

Equipment	Qty	Class	RPM	Spindles	Taper	Pallets	Control	X	Y	Z
Toyoda FA450 Horizontal CNC	23	5 Axis	15,000	1	40	300	Fanuc	23	24	24
Toyoda FA1050 Horizontal CNC	2	4 Axis	14,000	1	50	4	Fanuc	45	55	63
Toshiba Horizontal CNC	2	4 Axis	4500	1	50	16	Toshiba	40	44	63
Matsuura Horizontal MC-600H	24	5 Axis	6000	1	40	2	Fanuc	22	24	23.6
Matsuura Horizontal MC-700H	2	4 Axis	6000	1	50	2	Fanuc	22	24	23.6
Kitamura Horizontal H400	6	4 Axis	10000	1	40	2	Fanuc	23	24	24
Haas Verticle VF0E	3	4 Axis	6000	1	40	-	Fanuc	20	16	30
Haas Verticle VF2	3	4 Axis	6000	1	40	-	Fanuc	20	16	30
Haas Verticle VF4E	4	3 Axis	8000	1	40	-	Fanuc	25	20	50
Haas Verticle VF6E	4	3 Axis	8000	1	40	-	Fanuc	25	20	50
Hyundai HIT 18S CNC Lathes	10	2 Axis	3500	1	-	12	Siemens	17	10	10
Hyundai HIT 30S CNC Lathes	6	2 Axis	3500	1	-	16	Siemens	39	12	12
Hyundai HIT 160S CNC Lathes	1	2 Axis	3500	1	-	-	Siemens	39	12	6
Mori Seiki CNC Lathe	1	3 Axis	1400	1	-	-	Fanuc	76	22	40
Manual Milling 1 & 1/2 - 3 H.P	22	2 Axis	4200	1	-	-	-	36	18	14
Manual Lathes	6	2 Axis	1500	1	-	-	-	60	18	18
Mori Seiki NMV5000	2	5 Axis	12000	1	40	5	Fanuc	28	20	20
Walters CNC Grinders	2	5 Axis	6000	1	-	-	HMC	12	7	7
Variety Grinding Equipment	17	Other	-	1	-	-	-	10	6	6
EDM	2	Other	-	1	-	-	-	-	-	-
Bridgeport 1 1/2 HP	10	Other	-	1	-	1	-	-	-	-
Lagun 1 1/2 HP	2	Other	-	1	-	1	-	-	-	-
Sharp 3 HP	7	Other	-	1	-	1	-	-	-	-
SK-SIP Jig Bores	3	Other	-	1	-	1	-	-	-	-
Leblonde Manual Lathe	2	Other	-	1	-	1	-	-	-	-
Hardinge HLV-H Lathe	1	Other	-	1	-	1	-	-	-	-
Mori Seiki Turret Lathe	1	Other	-	1	-	1	-	-	-	-
Hardinge Model HCT Lathe	2	Other	-	1	-	1	-	-	-	-
Hardinge AHC Automatic Chucker	1	Other	-	1	-	-	-	-	-	-
Blanchard Grinders 42"	2	Other	-	1	-	-	-	-	-	-
OD & ID Grinder 14 x 32	1	Other	-	1	-	-	-	-	-	-
OD Grinder 6 x 10	1	Other	-	1	-	-	-	-	-	-
#2 Tool & Cutter Grinder	2	Other	-	1	-	-	-	-	-	-
Boyer Schultz Surface Grinder	1	Other	-	1	-	-	-	-	-	-
Brown & Sharp Surface Grinder	1	Other	-	1	-	-	-	-	-	-
H Tschudin OD Grinder	1	Other	-	1	-	-	-	-	-	-
Monoset Tool & Cutter Grinders	6	Other	-	1	-	-	-	-	-	-
Winslow Drill Grinder	1	Other	-	1	-	-	-	-	-	-
#2 Cincinnati Centerless Grinder	1	Other	-	1	-	-	-	-	-	-
Sunnen Hone Horizontal	5	Other	-	1	-	-	-	-	-	-
Sunnen Hone Vertical	2	Other	-	1	-	-	-	-	-	-
Lapmaster 40" Lapping Machine	1	Other	-	1	-	-	-	-	-	-
Walker Turner 20" Drill Press	1	Other	-	1	-	-	-	-	-	-
Walker Turner 15" Radial Drill Press	1	Other	-	1	-	-	-	-	-	-
Walker Turner 20" Drill Press	1	Other	-	4	-	-	-	-	-	-
Electro Ark Metal Disintegrator	1	Other	-	1	-	-	-	-	-	-
Bengal WaterJet 4 x 4	2	Other	-	2	-	-	-	-	-	-
Assembly Equipment - various	30	Other	-	-	-	-	-	-	-	-
Blue Ovens	2	Assy	-	-	-	-	-	-	-	-
Minus 40° Freezer	1	Assy	-	-	-	-	-	-	-	-
Acetyl Helium leak detecor	1	Assy	-	-	-	-	-	-	-	-
Brown & Sharpe Global Image CMM	1	Insp.	-	-	-	-	-	86	39	59
Brown & Sharpe Global Image CMM	4	Insp.	-	-	-	-	-	59	31	35
Mitutoyo CMM	9	Insp.	-	-	-	-	-	24	18	28
Pratt & Whitney Labmaster Universal	1	Insp.	-	-	-	-	-	-	-	-
Pratt & Whitney Super Micrometer 2100	1	Insp.	-	-	-	-	-	-	-	-
Mitutoyo 81 piece gage block master set	1	Insp.	-	-	-	-	-	-	-	-
Van Kureun thread wires (12 sets - master)	1	Insp.	-	-	-	-	-	-	-	-
Torque wrench calibrators (master set)	4	Insp.	-	-	-	-	-	-	-	-
Variety Inspection Equipment (hand tools)	5200	Insp.	-	-	-	-	-	-	-	-



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