

## Baum Machine Machinery List

The capacity for the lathes is listed as: diameter over carriage / diameter over ways - distance between centers. The capacity for mills are travel in the X, Y and Z directions

### CNC Lathes

### Capacities

Gurutzpe B1400 CNC	48/62 - 557	Live Tooling
American Lathe	22/35 - 333	
Mazak Powermaster	18/30 - 200	
Hankook Protec 7N	19/30 - 125	
Mazak M5	14/28 - 120	
Mazak M5	14/28 - 100	
Mazak M5	14/28 - 120	
Yam CNC CK5 (3)	20 - 32	
Clausing 1440	14 - 40	
Schiess Froriep VTL	98 - 80	
G&L VTL Vertical	60 - 72	
G&L VTL 60 VTMC	66 - 60	

### Manual Lathes

### Capacities

Tacchi SP	43/56 - 300
Summit	30/24 - 240
Lehmann	26/36 - 360
Lion	20/24 - 156
Leblond HD	15/39 - 230
Cincinnati	10/18 - 80
Supermax	8/16 - 43

### Manual Grinders

### Capacities

Ctahnoktponte Cylindrical	32 - 264
Cincinnati Cylindrical	28 - 220
Norton Cylindrical	18 - 144
Cincinnati Cylindrical	14 - 120
Jet Cylindrical	12 - 32
Covel Model 60 Surface	24x - 14y - 14z
Covel Excel Surface	10x - 7y - 10z
Gallmeyer-Livingston Surface	18x - 12y - 12z
Heald Inside Diameter Grinder	40 x 40

**CNC Vertical & Horizontal MC**

	<b><u>Capacities</u></b>	<b><u>Accessories</u></b>
Toshiba Bridge Type	360x - 144y - 144z	90 degree Head
Komo VMC Bridge Type	300x - 60y - 36z	Right Angle Head
Komo VMC	160x - 32y - 34z	
Komo VMC	120x - 36y - 32z	
Cincinnati Milacron HMC	200x - 48y - 30z	W/Rotary Table 36 x 36 & 4 <sup>th</sup> Axis
Cincinnati Milacron HMC	110x - 40y - 26z	
Kearney & Trecker HMC	96x - 72y - 30z	W/Rotary Table 72 x 48
Kingsbury VMC Bridge Type	96 x - 50y - 18z	
Mazak V15 VMC	80x - 30y - 33z	4 <sup>th</sup> Axis
Viper VMC	80x - 32 - 30z	
Daewoo DMC 850V VMC (3)	70x - 33y - 30z	
Kearney & Trecker HB-4	40x - 24y - 27z	
Haas VF-3 VMC	40x - 20y - 19.5z	
Haas VF-2 VMC	30x - 16y - 14.5z	
Haas VF-1 VMC	20x - 15y - 14.5z	

**Manual Vertical Mills**

	<b><u>Capacities</u></b>	<b><u>Accessories</u></b>
Milwaukee K-T S-12 307	40x - 72y - 44z	
Samson	25x - 12y - 14z	

**CNC Horizontal Boring Mills**

	<b><u>Capacities</u></b>	<b><u>Accessories</u></b>
5" Gilbert (Floor Type)	353x - 119y - 47z	W/Infeed 96x96 Rotary Table
6" G & L	156x - 96y - 60z	W/Right Angle Head
6" Lucas 40T	144x -120y - 120z	W/Tailstock
6" Lucas 40T	144x -120y - 60z	W/Rotary Table 60 x 60
5" Gilbert	128x - 90y - 60z	72x60 Rotary Table
5 1/8" Wotan	99 x 79y - 60z	63x78 Contouring Rotary Table
4" Lucas	60x - 72y - 72z	48x36 Rotary Table

**Manual Horizontal Boring Mills**

	<b><u>Capacities</u></b>	<b><u>Accessories</u></b>
5" G & L	110x -100y -72z	W/Free Axis Extension Table
3.5" Union	36x - 48y - 30z	Rotary Table

**Manual Horizontal Boring Mills Floor Types**

	<b><u>Capacities</u></b>	<b><u>Accessories</u></b>
5" G & L	480x - 120y - 48w	W/Infeed Rotary Table 72x72
5"-9.5" Scharmann	276x - 132y - 60w	W/Infeed Rotary Table 120x120
		Right Angle
4" Gilbert	189x - 94y - 60w	W/Infeed Rotary Table 96x72

### **Miscellaneous Machines**

Kysor Johnson Auto Horizontal Saw (2)  
Jet Horizontal Saw  
Doall Vertical Saw  
Hyd-Mech M-16A Auto Saw - Programmable  
FARO Inspection Arm – 144” Reach  
FARO Inspection Arm – 72” Reach  
IRD Balancer 80,000 lb  
IRD Balancer 11,000 lb  
IRD Balancer IRD 290 & Stands 7,000 lb  
IRD Balancer IRD 290 & Stands 15,000 lb  
IRD Balancer IRD 290 & Stands 500 lb

Welders: Mig and Tig & Aluminum Wire Feed (10)  
100 Ton Hydraulic Press (2)  
Radial Arm Drill - 9” Column  
Hydraulic Bearing Puller 100 TM  
Electro Arc Tap Destroyer  
Fork Lifts (4)

### **Overhead Cranes**

30 Ton Pacesetter TRDG Overhead Cranes (2)  
10 Ton Overhead Crane (2)  
5 Ton Overhead Crane (3)

### **Engineering**

- Bob Cad Version 32
- AutoDesk Inventor Pro Version 2020

### **Office and Shop floor control**

- Jobboss 2018 Software to manage Resources, Schedule, and Estimating
- Purchasing
  - Inventory Control
  - Scheduling
  - Data Collection – Real Time
  - Production
  - Accounts Payable
  - Accounts Receivable
  - Payroll
  - General Ledger