

# Boyd Smiths (P) Ltd.

## Machinery Stock List

Sl. No.	Machine Name & Type	Specification	Qty.
<b>Lathe</b>			
1	<b>HMT Supercut B32</b>	640 mm dia x 2 Meters B.C.	1
2	<b>HMT Supercut B32</b>	640 mm dia x 1.5 Meters B.C.	1
3	<b>HMT LB 25</b>	500 mm dia x 3 Meters B.C.	1
4	<b>HMT H26</b>	520 mm dia x 3 Meters B.C.	1
5	<b>Craven (U.K.)</b>	Double Saddle. 7.5 Meters B.C. 1250mm Job dia.	1
6	<b>Tangye</b>	Double Carriage. 5 Meters B.C. Center Ht.- 24"	1
7	<b>Kirloskar Bombay Lathe</b>	700 mm dia x 3 Meters B.C.	1
8	<b>Mitchel</b>	700 mm dia x 3 Meters B.C.	1
9	<b>WMW Niles DLZ800</b>	800 mm dia x 2 meters B.C.	1
10	<b>Moser (Germany) Make</b>	2 Meters B.C.	1
11	<b>Hungarian Make</b>	1.5 Meters B.C.	1
<b>Copy Turning Lathe</b>			
1	<b>George Fischer KDM 18 Switzerland</b>	Job Turning 320 mm dia x 2500 mm B.C.	3
2	<b>Italian Make</b>	Job Turning 150 mm dia x 700 mm B.C.	1
<b>CNC Lathe</b>			
1	<b>WMW Niles DS3 German</b>	600 dia x 2.2 Meters B.C. Slant bed	1
2	<b>George Fischer Switzerland</b>	600 dia x 2.5 Meters B.C. Slant bed	1
3	<b>WMW Niles Germany</b>	600 dia x 2500 mm B.C. Slant bed	1

4	<b>ATC (USA) Make</b>	600 dia x 2000 mm B.C. Slant bed	1
5	<b>HMT NH26 CNC Lathe</b>	520 mm dia x 1500 mm B.C. Flat bed	1
6	<b>PMT Traub</b>	250 mm dia x 600 mm B.C. Slant bed	1

### **Relieving Lathe**

1	<b>WMW German</b>	1 Meter B.C.	1
2	<b>REINEEKER German</b>	1 Meter B.C.	1
3	<b>United (American)</b>	1 Meter B.C.	1

### **Capstan Lathe**

1	<b>Herbert No.2</b>		1
2	<b>Herbert 9C</b>		1
3	<b>HMT L22 TP</b>		2

### **Facing Lathe**

1	<b>WMW DP630</b>	1300 dia x 630 mm distance from Center	1
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### **Radial Drilling Machine**

1	<b>HMT RM65</b>	2.5" Drilling capacity, 2200 mm Arm With Electro-Hydraulic Clamping	1
2	<b>HMT RM62</b>	2.5" Drilling capacity, 1500 mm Arm With Electro-Hydraulic Clamping	1
3	<b>HMT RD61</b>	2.5" Drilling capacity, 1400 mm Arm With Electro-Hydraulic Clamping	1
4	<b>Archdale (U.K.)</b>	2" Drilling capacity, 5' Arm	1
5	<b>K&amp;W (U.K.)</b>	2" Drilling capacity, 5' Arm	3
6	<b>Town (U.K.)</b>	2" Drilling capacity, 5' Arm	1

7	<b>Cincinnati Carlton</b>	4" Drilling capacity, 5' Arm	1
8	<b>Csepel</b>	80 mm Drilling capacity (upto 100 mm dia with pilot bore) 1500 mm Arm	2

### **Horizontal Boring Machine**

1	<b>Collet &amp; Engelhardt Germany</b>	80 mm Spindle dia.	1
2	<b>Poland Make</b>	80 mm Spindle dia.	1
3	<b>WMW Union BFT 80</b>	80 mm Spindle dia.	2
4	<b>WMW Union BFP 165/2</b>	Floor Type Boring. 165 mm Spindle dia. 13 meters longitudinal travel, 2.5 meters vertical travel. Facing Chuck: 960 mm dia. 1600 mm spindle travel. Column Travel 500 mm - rev/fwd. 400 mm facing slide travel - up/dn. 2 floor plates of 3500 x 1800 mm each.	1
5	<b>WMW Union BFP 165/2</b>	Floor Type Boring. 165 mm Spindle dia. 9 meters longitudinal travel, 2.5 meters vertical travel. Facing Chuck: 960 mm dia. 1600 mm spindle travel. Column Travel 500 mm - rev/fwd. 400 mm facing slide travel - up/dn. 2 floor plates of 3500 x 1800 mm each.	1

### **Slotting Machine**

1	<b>Hydine (USA)</b>	Stroke 42". Rotary Table 42" dia	1
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### **Vertical Turret Lathe (VTL)**

1	<b>Cooper Vertical Boring</b>	1100mm Chuck dia, 1320 mm dia Swing, 1300 mm Height. With Boring Head only	1
2	<b>Cooper 13EK125</b>	1250 mm Chuck dia, 1440 mm dia Swing, 1000 mm Height.	2
3	<b>Bullard Dynacut VTL125</b>	1250mm Chuck dia, 1450 mm dia Swing.	1
4	<b>Webster Bennett VTL (Elevating Type)</b>	1250 mm Chuck dia, 1450 mm dia Swing.	1
5	<b>Russian Make</b>	1450 mm Chuck dia, 1600 mm dia Swing.	1
6	<b>Giddings &amp; Lewis (USA)</b>	800 mm Chuck dia, 1000 mm dia Swing.	1

With copy turning attachment.

7	<b>WMW Niles (Germany)</b>	1300 mm Chuck dia, 1500 mm dia Swing.	1
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### **Milling Machine**

1	<b>HMT M3V</b>	No.3 Vertical Milling Machine	3
2	<b>HMT FN3H</b>	No.3 Horizontal Milling Machine	3
3	<b>HMT FN3V</b>	No.3 Vertical Milling Machine	2
4	<b>HMT FN3U</b>	No.3 Universal Milling Machine	1
5	<b>HMT FN2H</b>	No.2 Horizontal Milling Machine	1
6	<b>HMT FN2V</b>	No.2 Vertical Milling Machine	1
7	<b>HMT M2U</b>	No.2 Universal Milling Machine	1
8	<b>Aciera (Swiss)</b>	No.1 Vertical Milling Machine	1
9	<b>Excello</b>	No.1.5 Vertical Milling Machine	1
10	<b>Cincinnati - Vertical</b>	No.3 Vertical Milling Machine	1
11	<b>Cincinnati Horizontal</b>	No.3 Horizontal Milling Machine	1

### **Copy Milling**

1	<b>Alexander</b>	Double Head - Copy Milling	1
2	<b>La Starrag Rigid (Swiss)</b>	Double Head - Copy Milling	2

### **Thread Milling Machine**

1	<b>WMW German</b>	400 mm dia x 3 Meters B.C.	1
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### **Cam Milling**

1	<b>Kopp German</b>	Cam Milling Machine	1
2	<b>Kopp German</b>	Axial & Radial Cam Milling	1

### **Cylindrical Grinding Machine**

1	<b>HMT G13P 500</b>	500 mm between centers	6
2	<b>HMT G13U 500</b>	500 mm (with internal attachment)	12
3	<b>HMT G17P</b>	1250 mm between centers	1
4	<b>HMT G17U</b>	1250 mm (with internal attachment)	2
5	<b>HMT G17P</b>	800 mm between centers	1
6	<b>HMT G17U</b>	800 mm (with internal attachment)	1
7	<b>HMT K130U 500</b>	500 mm (with internal attachment)	6
8	<b>HMT K130P 800</b>	800 mm between centers	1
9	<b>HMT K130U 800</b>	800 mm (with internal attachment)	1
10	<b>Jones Shipman</b>	600 mm between centers	1
11	<b>Jones Shipman</b>	1500 mm between centers	1
12	<b>Tos (Universal)</b>	800 mm (with internal attachment)	1
13	<b>Churchill</b>	3 Meters between centers	1
14	<b>Kirloskar</b>	3 Meters between centers	1
15	<b>Russian</b>	4 Meters x 630 mm diameter	1
16	<b>Schaudt (Germany)</b>	2 Meters x 500 mm dia. High Precision - specially for printing rolls.	1
17	<b>Jarbe Doimak (Spain) RUA 2150</b>	2150 mm x 500 mm dia.	1
18	<b>Giustina Torino (Italian)</b>	Double Head Axle Grinding Machine	1

### **Crank Shaft Grinding**

1	<b>Matra</b>	5' between centers	1
2	<b>Russian</b>	1250 mm dia x 5.5 meters between centers	1

### **Horizontal Spindle Surface Grinding Machine**

1	<b>Praga</b>	18" x 6" Mechanical Operated	1
2	<b>Praga</b>	18" x 6" Hydraulic Operated	1

3	<b>TOS</b>	600 mm x 200 mm	1
4	<b>Blohm (Germany)</b>	800 mm x 300 mm Hyd. Operated	1
5	<b>HMT SFW 1</b>	1 Meter x 300 mm Hyd. Operated	1
6	<b>Elbb (Germany)</b>	2000 mm x 500 mm Variable Speed DC Drive	1

### **Vertical Spindle Surface Grinding Machine**

1	<b>Churchill</b>	1200 x 400 mm	1
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### **Vertical Rotary Surface Grinding**

1	<b>WMW</b>	800 mm dia	1
2	<b>WMW</b>	1000 mm dia	1
3	<b>WMW</b>	1250 mm dia	1
4	<b>Bumen</b>	1100 mm dia	1

### **Horizontal Rotary Surface Grinding**

1	<b>Elbb (German)</b>	600 mm dia Chuck	1
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### **Internal Grinding Machine**

1	<b>Churchill</b>	300 mm dia	1
2	<b>HMT</b>	80 mm dia	1
3	<b>Fortuna</b>	80 mm dia	1
4	<b>WMW</b>	150 mm dia	2
5	<b>Heald</b>	600 mm dia, 1 meter length.	1
6	<b>WMW</b>	600 mm dia, 1 meter length.	1
7	<b>WMW</b>	600 mm dia, 2 meters length	1

### **Centerless Grinding Machine**

1	<b>BSA U.K</b>	Grinding Capacity 2.1/2" dia	1
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2	<b>Tos Czech</b>	Grinding Capacity 100 mm	1
3	<b>HMT GCL100</b>	Grinding Capacity 100 mm	1

### **Cam Grinding Machine**

1	<b>Fritz Kopps German</b>	Universal Radial x Axial Cam/Copy Grinding Max Workpiece dia 400 mm	1
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### **Slideway Grinding Machine**

1	<b>WMW German SFBE 1000 x 4000</b>	Heavy Duty Slideway Grinding Machine with 3 Grinding Heads grinding capacity 1100 x 1100 x 4200 mm Long	1
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### **Knuckle Joint Press**

1	<b>K8340 (Russian)</b>	1000 tons capacity Knuckle Joint Coining Press	1
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### **Jig Boring**

1	<b>Mitsuseiki (Japan) 7B</b>	CNC controlled. 1200 x 1800 mm	1
2	<b>Newall</b>	600 x 800 mm	1
3	<b>Linley</b>	300 x 600 mm	1

### **Jig Grinder**

1	<b>Hauser (Swiss)</b>	600 x 300 mm	1
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### **Honing Machine**

1	<b>Nagel (German)</b>	4.2 Meters stroke	1
2	<b>Nagel (German)</b>	600 mm Stroke	1
3	<b>WMW Mikrosa (German)</b>	600 mm Stroke	1

### **Broaching Machine**

1	<b>HMT Forst RISZ 6,3 x 1000</b>	Vertical Stroke 1 Meter. 10 Tons capacity	1
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### **Gear Hobbing**

1	<b>HMT Liebherr L400</b>	8 Module, 400 mm Work Area	1
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### **Gear Shaping**

1	<b>WMW (Germany)</b>	4 Module, 400 mm Work Area	2
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### **Shearing**

1	<b>Godrej</b>	1" x 3200 mm Long	1
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2	<b>Godrej</b>	12.5 mm x 3200 mm Long	3
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### **Billet Shearing**

1	<b>Elhaus (Germany)</b>	Upto 200 mm. YOM - 1997	1
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### **Hammer**

1	<b>Massey</b>	1 ton Pneumatic Hammer Open Die	3
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### **Roll Grinding**

1	<b>Churchill</b>	1000 mm swing x 3500 mm between centers.	1
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2	<b>Waldrich</b>	1600 mm swing x 5500 mm between centers. Free length over steady. 6000 mm Carriage Travel.	1
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### **Elgamill CNC**

1	<b>Butler</b>	3500 x 1000 mm With latest Fanuc CNC Controls	1
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### **Jig Mill**

1	<b>Devlieg 43H72</b>	100 mm Spindle dia	1
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### **CNC Hob Grinding Machine**

1 **Haro (Switzerland)**

320 mm dia x 1250 mm between centers

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