

TRESKE EQUIPMENT LIST | PAGE 1



HORIZONTAL MACHINING CELLS

| QTY | MAKE | MODEL | X" | Y" | Z" | HP | SPINDLE SPEED (RPM) | TAPER TOOLING | TOOL MAGAZINE | PALLET CHANGER | ACCESSORIES |
|-----|------------|--|------|------|------|----|---------------------|---------------|---------------|----------------|--|
| 5 | Makino | A51 Horizontal Machining Centers | 22 | 25 | 23.6 | 30 | 14,000 | 40 | 135-315 | 66 (400MM) | 1000 PSI through Tool Coolant System, Glass Scales |
| 2 | Makino | A61NX Horizontal Machining Center | 28.7 | 25.6 | 31.5 | 30 | 14,000 | 40 | 133 | 12 (500MM) | 1000 PSI through Tool Coolant System, Glass Scales |
| 1 | Mori Seiki | NHX5000 Gen2 Horizontal Machining Center | 28.7 | 28.7 | 34.6 | 50 | 20,000 | 40 | 280 | 5 (500MM) | 1000 PSI through Tool Coolant System |

HORIZONTAL CNC MACHINING CENTERS

| QTY | MAKE | MODEL | X" | Y" | Z" | HP | SPINDLE SPEED (RPM) | TAPER TOOLING | TOOL MAGAZINE | PALLET CHANGER | ACCESSORIES |
|-----|------|------------------------------------|----|------|----|----|---------------------|---------------|---------------|----------------|-------------|
| 1 | OKK | HM60 Horizontal Machining Center | 30 | 28.7 | 31 | 30 | 10,000 | 50 | 40 | 2 | |
| 3 | OKK | HM50 Horizontal Machining Centers | 22 | 22 | 22 | 20 | 10,000 | 40 | 40-80 | 2 | |
| 1 | OKK | PCH600 Horizontal Machining Center | 32 | 30 | 27 | 30 | 7,500 | 50 | 40 | 2 | |

VERTICAL CNC MACHINING CENTERS

| QTY | MAKE | MODEL | X" | Y" | Z" | HP | SPINDLE SPEED (RPM) | TAPER TOOLING | TOOL MAGAZINE | PALLET CHANGER | ACCESSORIES |
|-----|------------|-----------------------------------|------|------|------|----|---------------------|---------------|---------------|----------------|--------------------|
| 1 | YCM | NSV102AA | 40" | 23" | 23" | | 15,000 | 40 | 30 | No | |
| 1 | YCM | NXV1680A | 64" | 30" | 27" | | 12,000 | 40 | 30 | No | |
| 1 | Makino | S56 Vertical Machining Center | 35.4 | 19.7 | 17.7 | 20 | 13,000 | 40 | 30 | | |
| 1 | Mori Seiki | NV4000 Vertical Machining Center | 23.6 | 15.7 | 15.7 | 20 | 12,000 | 40 | 40 | 2 | Laser Tool Setting |
| 1 | Okuma | MB46 Vertical Machining Center | 30 | 18 | 18 | 15 | 12,000 | 40 | 30 | | Glass Scales |
| 2 | Haas | VF-4 Vertical Machining Centers | 50 | 20 | 20 | 15 | 7,500 | 40 | 20 | | |
| 1 | Haas | VF-6 Vertical Machining Center | 60 | 32 | 32 | 20 | 7,500 | 40 | 24 | | 4th Axis |
| 1 | Haas | VF-7 Vertical Machining Center | 84 | 32 | 32 | 20 | 7,500 | 40 | 32 | | |
| 2 | Fadal | 6030 Vertical Machining Center | 60 | 30 | 30 | 20 | 10,000 | 40 | 20 | | |
| 1 | Brother | TC-22A Vertical Machining Centers | 19.6 | 15.7 | 16.1 | 15 | 12,000 | 30 | 20 | | |
| 1 | Brother | TC-32A Vertical Machining Center | 17.7 | 12.5 | 16.1 | 15 | 12,000 | 30 | 20 | 2 | |

EDM CUTTING

| QTY | MAKE | MODEL | X" | Y" | Z" | | | | | | |
|-----|-------|---------|----|----|----|--|--|--|--|--|--|
| 1 | Fanuc | Robocut | 14 | 10 | 10 | | | | | | |

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CNC TURNING CENTERS

| QTY | MAKE | MODEL | X" | Y" | Z" | LIVE TURRET STATIONS | MAX TURN DIAMETER | MAX TURN LENGTH | SUB-SPINDLE | BAR FEEDER | ACCESSORIES |
|-----|------------|-------------------------|-------|-----|----|----------------------|-------------------|-----------------|-------------|------------|-------------|
| 1 | Okuma | L370MW Turning Center | 10.23 | | | 12 | 13.38" | 19.68" | Yes | 2" x 6' | |
| 2 | Okuma | L370M Turning Centers | 10.23 | | | 12 | 13.38" | 19.68" | No | 2" x 6' | |
| 2 | Mori Seiki | NL2500SY Turning Center | 10.2 | 3.9 | | 12 | 14.4" | 27.7" | No | | |

CNC TURNING CENTERS – SCREW MACHINES

| QTY | MAKE | MODEL | AXIS | MAX TURN LENGTH | MAX TURN DIAMETER | SPINDLE SPEED (RPM) | SUB SPINDLE | TOOL POSITIONS | ACCESSORIES |
|-----|---------|-------|------|-----------------|-------------------|---------------------|-------------|------------------------|---------------------|
| 1 | Tsugami | s206 | 6 | 9.84" (210mm) | 0.787" (20MM) | 12,000 RPM | Yes (X, Y) | Static: 39 Live: 15 | Magazine Bar Loader |

LASER MARKING

| QTY | MAKE | MODEL | X" | Y" | Z" | POWER | MAX MARKING | ACCESSORIES |
|-----|---------------------|----------------|----|----|----|-------|---------------|---------------------------|
| 1 | Laser Marking Tech. | Cobalt XL 20PF | 51 | 34 | 44 | 30W | 4.33" x 4.33" | Programmable Z and X Axis |

JIG BORER MILLS

| QTY | MAKE | MODEL | X" | Y" | Z" | ACCESSORIES |
|-----|------|------------------|----|----|----|--|
| 1 | SIP | 42 CNC Jig Borer | 18 | 26 | 20 | Boring Bars up to 8" Diameter, Diamond Fly Cutters |
| 1 | SIP | 52 CNC Jig Borer | 24 | 36 | 37 | Boring Bars up to 8" Diameter, Diamond Fly Cutters |
| 1 | SIP | 5E CNC Jig Borer | 18 | 26 | 20 | Boring Bars up to 8" Diameter, Diamond Fly Cutters |

QUALITY CONTROL

| QTY | MAKE | MODEL | X" | Y" | Z" | PC-DMIS CONTROL | ACCESSORIES |
|-----|---------------|--------------------|-------|-----|------|-----------------|---|
| 1 | Micro Vu | Excel 662HC | 35.5" | 27" | 10" | | |
| 1 | Brown & Sharp | Advantage DCC CMM | 32 | 48 | 24 | Yes | LSPX1-S Analog Scanning Probe, Auto Probe Changer |
| 1 | Brown & Sharp | Global FX DCC CMM | 27 | 39 | 24 | Yes | TP20 Touch Trigger Probe, Renishaw PH10T Head, Auto Probe Changer |
| 1 | Brown & Sharp | Micro-Hite DCC CMM | 18 | 20 | 13.5 | Yes | Tesastar Touch Trigger Probe with Star Stylus Clusters |
| 1 | Brown & Sharp | Reflex CMM | 18 | 20 | 13.5 | No | |
| 1 | Brown & Sharp | Gage 2000 CMM | 18 | 20 | 13.5 | No | |

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