

# MORI SEIKI NZ1500T2Y

**Categoria** Tornio  
**Tipo** CNC

**Marca** MORISEIKI  
**Modello** NZ1500T2Y

**Capacità** ø320/52x260 mm

**Anno di costruzione** 11/2007 (in service 05/2008)



## Specifiche tecniche

### Gamba Macchine Srl

V.A.T. IT00639540988

C.F./R.I. 01581570171

REA 248813 BS

C.S. 802.165,00 €

### Contatti

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### Dove siamo

#### Sede e Deposito 1

Via Artigiani, 32 - 25063

Gardone V.T. Brescia - Italia

#### Deposito 2

Via Caduti del lavoro 41, 25030

Coccaglio Brescia - Italia

| CAMPO DI LAVORO   | MANDRINO PRINCIPALE  | CONTROMANDRINO   |
|---|--|--|
| <p><b>Max diametro lavorabile da barra</b> 52 mm<br/> <b>Max diametro lavorabile da ripresa</b> 320 mm<br/> <b>Note</b> max swing 800mm - distanza mandrini 1130mm</p>  | <p><b>Velocità rotazione max</b> 6000 rpm<br/> <b>Naso mandrino</b> ASA5"<br/> <b>Foro mandrino</b> 61mm<br/> <b>Diametro interno cuscinetti</b> 100 mm<br/> <b>Risoluzione asse C</b> 0,001°<br/> <b>Velocità asse C</b> 6000 Rpm<br/> <b>Potenza max</b> 22 Kw</p>   | <p><b>Velocità rotazione max</b> 6000 rpm<br/> <b>Naso mandrino</b> ASA5"<br/> <b>Foro mandrino</b> 61mm<br/> <b>Diametro interno cuscinetti</b> 100 mm<br/> <b>Potenza max</b> 22 Kw<br/> <b>Risoluzione asse C</b> 0,001°<br/> <b>Velocità asse C</b> 6000 Rpm<br/> <b>Posizionamento automatico asse B</b> 920 mm<br/> <b>Diametro autocentrante</b> 152,4 mm</p> |
| TORRETTA 1  | TORRETTA 2   | CNC  |
| <p><b>Numero posizioni</b> 16<br/> <b>Corsa asse Y1</b> +65 / -45 mm<br/> <b>Corsa asse X1</b> 210 mm<br/> <b>Corsa asse Z1</b> 810 mm<br/> <b>Potenza utensili motorizzati</b> 7,5 Kw<br/> <b>Velocità utensili motorizzati</b> 6000 rpm<br/> <b>Rapido asse X1</b> 30 m/min<br/> <b>Rapido asse Z1</b> 50 m/min<br/> <b>Rapido asse Y1</b> 20 m/min<br/> <b>Numero posizioni motorizzate</b> 16</p> | <p><b>Numero posizioni</b> 16<br/> <b>Numero posizioni motorizzate</b> 16<br/> <b>Velocità utensili motorizzati</b> 6000 rpm<br/> <b>Potenza utensili motorizzati</b> 7,5 Kw<br/> <b>Corsa asse X2</b> 210 mm<br/> <b>Rapido asse X2</b> 30 m/min<br/> <b>Corsa asse Z2</b> 810 mm<br/> <b>Rapido asse Z2</b> 50 m/min</p> | <p><b>Azionamenti</b> Fanuc<br/> <b>CNC</b> MSX701 MAPPS III</p> <p><b>Ingombri Macchina</b> 3930x2710 mm<br/> <b>Peso totale macchina</b> 8100 Kg<br/> <b>Potenza totale installata</b> 77 kVA Kw<br/> <b>Presetting utensili</b> si<br/> <b>Caricatore barre</b> si<br/> <b>Portautensili motorizzati</b> 2</p>  |

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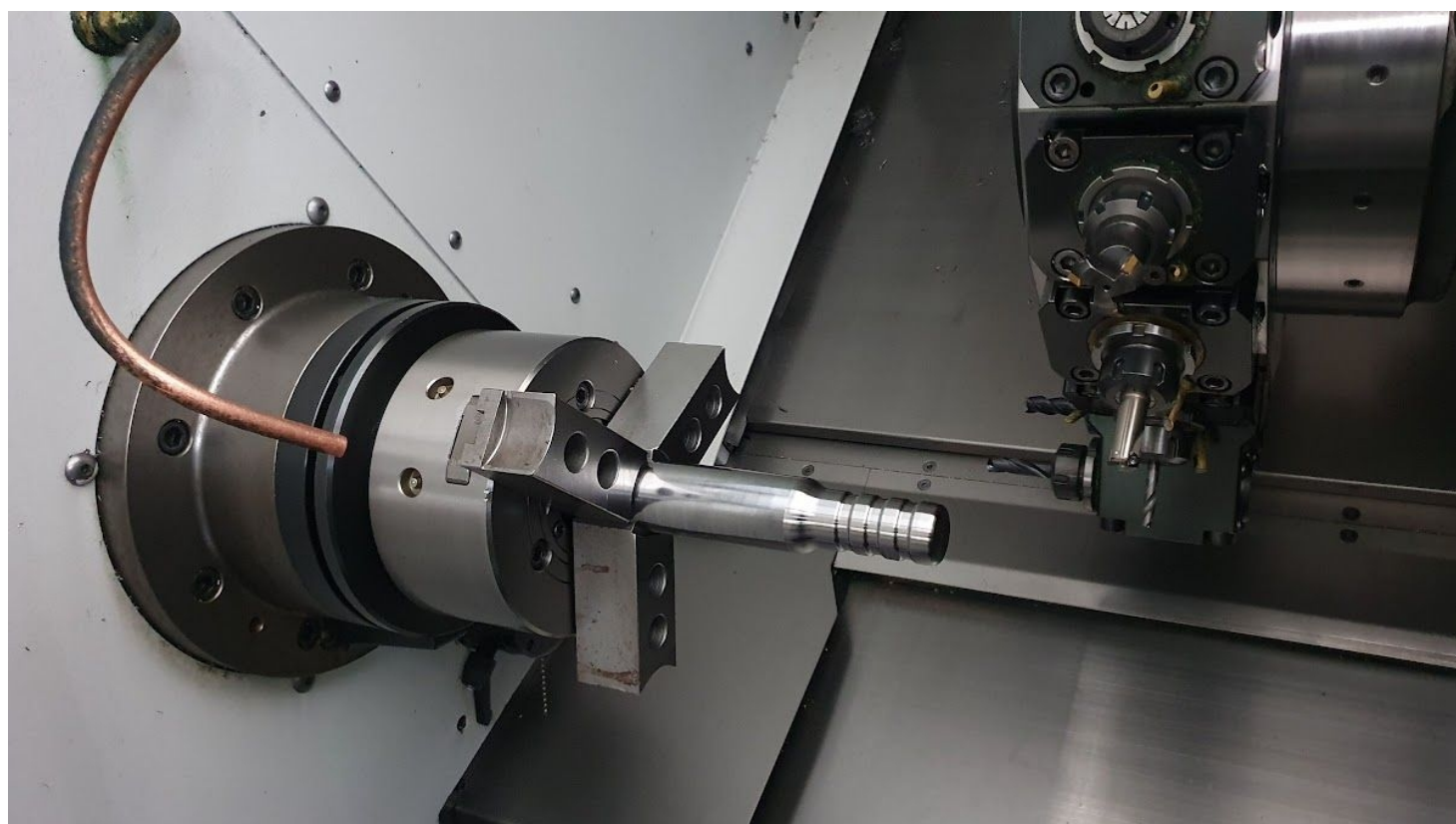
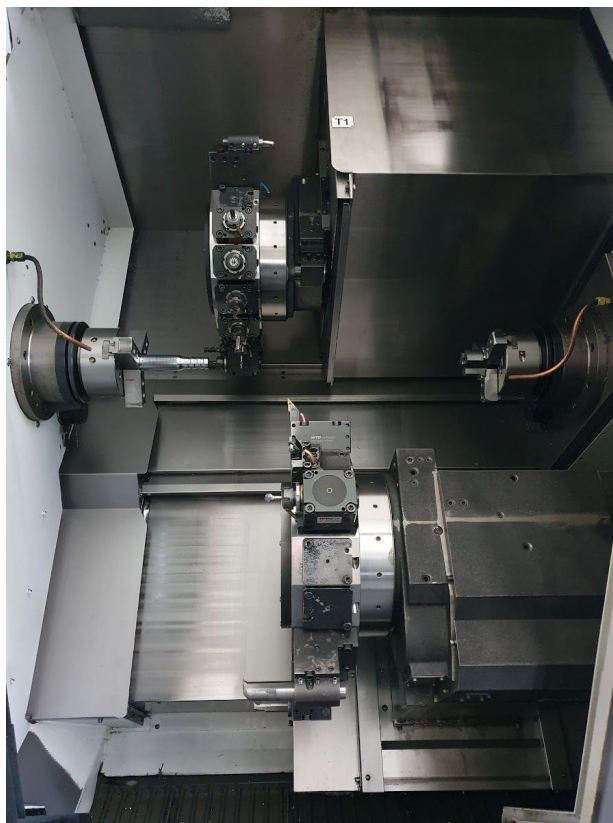
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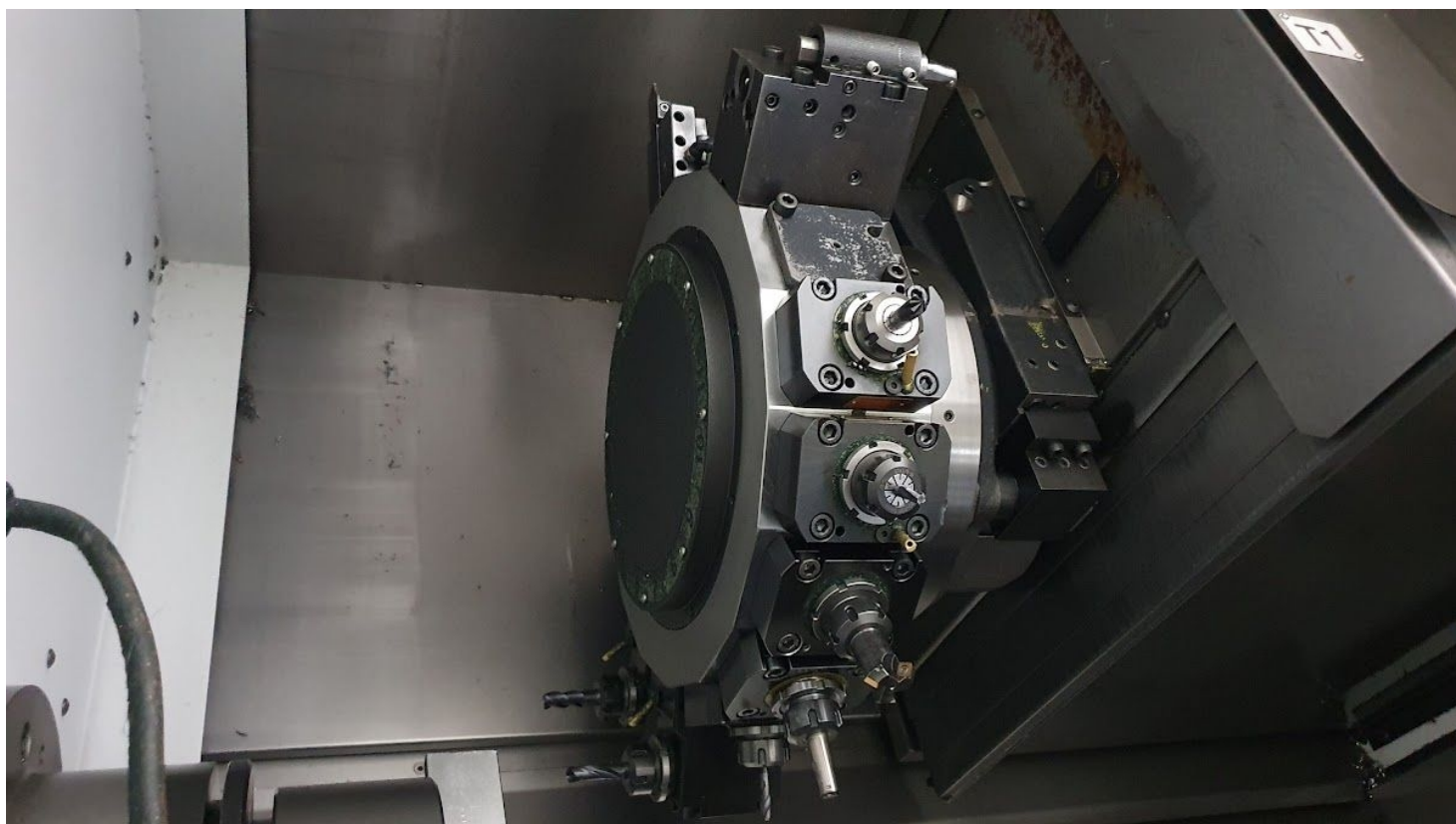
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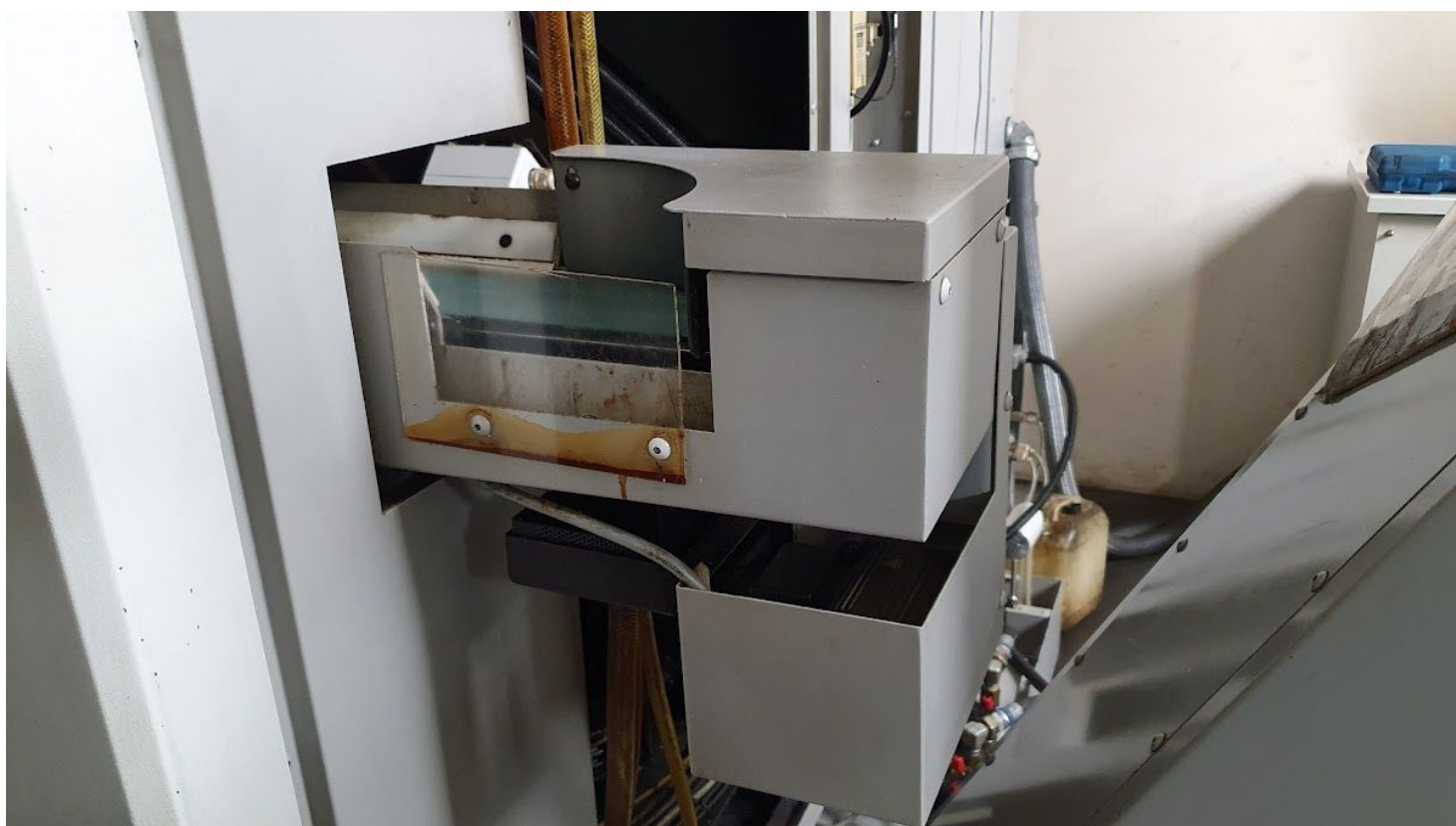
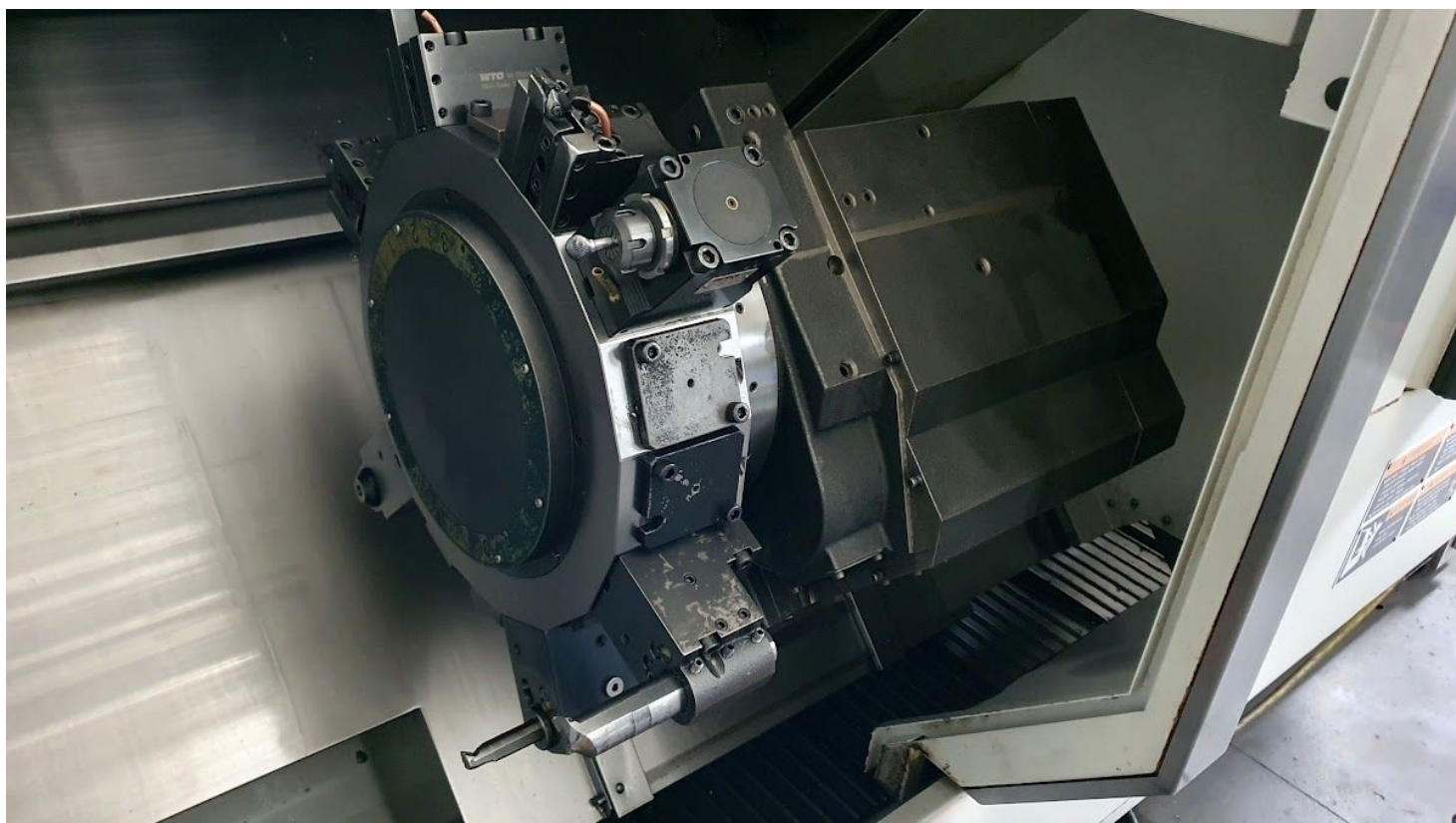
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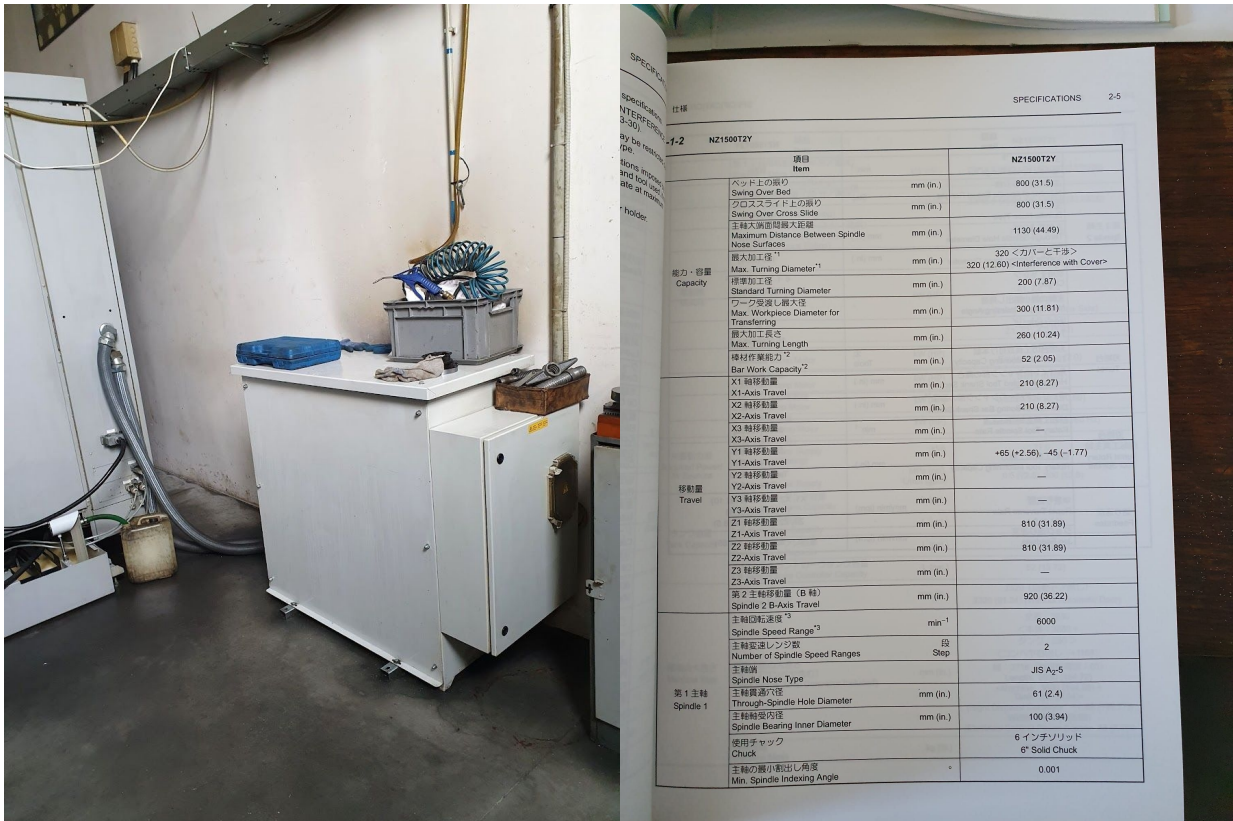
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| 仕様                   |  | SPECIFICATIONS 2-5 |  |
|----------------------|--|--------------------|--|
| -F2 NZ1500T2Y        |  | NZ1500T2Y          |  |
| 項目                   | Item   |                    |  |
| ヘッド上の振り              | Swing Over Bed                                 | mm (in.)           | 800 (31.5)   |
| クロススライド上の振り          | Swing Over Cross Slide                         | mm (in.)           | 800 (31.5)   |
| 主軸最大距離間最大距離          | Maximum Distance Between Spindle Nose Surfaces | mm (in.)           | 1130 (44.49)   |
| 最大加工径 <sup>1)</sup>  | Max. Turning Diameter <sup>1)</sup>            | mm (in.)           | 320 <カッターと干渉><br>320 (12.60) interference with Cover |
| 標準加工径                | Standard Turning Diameter                      | mm (in.)           | 200 (7.87)   |
| ワーク受渡し最大径            | Max. Workpiece Diameter for Transferring       | mm (in.)           | 300 (11.81)  |
| 最大加工長さ               | Max. Turning Length                            | mm (in.)           | 280 (10.24)  |
| 棒材作業能力 <sup>2)</sup> | Bar Work Capacity <sup>2)</sup>                | mm (in.)           | 52 (2.05)  |
| X1 軸移動量              | X1-Axis Travel                                 | mm (in.)           | 210 (8.27)   |
| X2 軸移動量              | X2-Axis Travel                                 | mm (in.)           | 210 (8.27)   |
| X3 軸移動量              | X3-Axis Travel                                 | mm (in.)           | —  |
| X2 軸移動量              | X2-Axis Travel                                 | mm (in.)           | —  |
| Y1 軸移動量              | Y1-Axis Travel                                 | mm (in.)           | +65 (+2.56), -45 (-1.77)                             |
| Y2 軸移動量              | Y2-Axis Travel                                 | mm (in.)           | —  |
| Y3 軸移動量              | Y3-Axis Travel                                 | mm (in.)           | —  |
| Z1 軸移動量              | Z1-Axis Travel                                 | mm (in.)           | 810 (31.89)  |
| Z2 軸移動量              | Z2-Axis Travel                                 | mm (in.)           | 810 (31.89)  |
| Z3 軸移動量              | Z3-Axis Travel                                 | mm (in.)           | —  |
| 第2主軸移動量 (B軸)         | Spindle 2 B-Axis Travel                        | mm (in.)           | 920 (36.22)  |
| 主軸回転速度 <sup>3)</sup> | Spindle Speed Range <sup>3)</sup>              | min <sup>-1</sup>  | 6000   |
| 主軸回転レンジ数             | Number of Spindle Speed Ranges                 | 段                  | 2  |
| 主軸溝                  | Spindle Nose Type                              |                    | JIS A <sub>2</sub> -S                                |
| 主軸貫通穴径               | Through-Spindle Hole Diameter                  | mm (in.)           | 61 (2.4)   |
| 主軸軸受内径               | Spindle Bearing Inner Diameter                 | mm (in.)           | 100 (3.94)   |
| 使用チャック               | Chuck  |                    | 6 インチソリッド<br>6" Solid Chuck                          |
| 主軸の最小動出し角度           | Min. Spindle Indexing Angle                    | °                  | 0.001  |

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|--|--|-----------------------------|---|---|---|--|---|
|  |  | NZ1500T2Y                   |   |   |   | NZ1500T2Y  |   |
| 第2主軸<br>Spindle 2                              | 主軸回転速度 <sup>3)</sup><br>Spindle Speed Range <sup>3)</sup>                            | min <sup>-1</sup>           | 6000  | 電動機<br>Motors   | 第1主軸用電動機 (30分/連続)<br>Spindle 1 Drive Motor<br>(30 min./Continuous Rating)           | KW (HP)  | 22/18.5 (30/24.66) [25/22] (33.3/30.0)  |
|  | 主軸変速レンジ数<br>Number of Spindle Speed Ranges   | 段<br>Step                   | 2   |   | 第2主軸用電動機 (30分/連続)<br>Spindle 2 Drive Motor<br>(30 min./Continuous Rating)           | KW (HP)  | 22/18.5 (30/24.66) [25/22] (33.3/30.0)  |
|  | 主軸鼻<br>Spindle Nose Type   |                             | JIS A <sub>2</sub> -5                               |   | 回転工具主軸用電動機 (5分/連続)<br>Rotary Tool Spindle Drive Motor<br>(5 min./Continuous Rating) | KW (HP)  | 7.5/5.5 (10/7.5)  |
|  | 主軸貫通穴径<br>Through-Spindle Hole Diameter  | mm (in.)                    | 61 (2.4)  |   | 送り軸用電動機<br>Feed Motors  | KW (HP)  | X1: 3.0<br>X2 (ツイン): 1.2 (片側)<br>Y1: 2.2: 4.0<br>X1: 3.0 (4.0)<br>X2 (Twin): 1.2 (1.6) (One Side)<br>Y1: 4.0 (5.33)<br>Z1, Z2: 4.0 (5.33) |
|  | 主軸軸受内径<br>Spindle Bearing Inner Diameter   | mm (in.)                    | 100 (3.94)  |   | 油圧用電動機<br>Hydraulic Pump Motor  | KW (HP)  | 1.5 相当<br>Equivalent to 1.5 (2.0)   |
| 使用チャック<br>Chuck                                |  | 6 インチソリッド<br>6" Solid Chuck | 潤滑用電動機<br>Lubricant Pump Motor                      | KW (HP)   | 0.017 (0.02)  |  |   |
| 主軸の最小割出し角度<br>Min. Spindle Indexing Angle      | °  | 0.001                       | クーラント用電動機<br>Coolant Pump Motor                     | KW (HP)   | 0.325/0.520 (0.430/0.69)  |  |   |
| 刃物台<br>Turret                                  | 刃物台の形式<br>Turret Type  |                             | 16 角 × 2<br>16 Stations × 2                         | 冷却油用電動機<br>Oil Cooler Pump Motor                            | KW (HP)   | 4.2/4.65 (5.60/6.20) (50/60 Hz)  |   |
|  | 刃物台の工具取付け本数<br>Turret Tool Mounting Capacity   | 本<br>Tools                  | 16 × 2 = 32   | 電源 (連続定格)<br>Electrical Power Supply<br>(Continuous Rating) | kVA   | 77.0   |   |
|  | 角バイトのシャンク部の高さ<br>Height of Angled Tool Shank Section                                 | mm (in.)                    | 20 (0.79)   | 所要動力<br>Required Power/<br>Air Sources                      | MPa (psi),<br>L/min (gpm)   | 0.5 (72.5), 200 (52.8)   |   |
| 刃物台<br>回転工具主軸<br>Turret Rotary<br>Tool Spindle | ボーリングバーのシャンク部の直径 <sup>4)</sup><br>Diameter of Boring Bar Shank Section <sup>4)</sup> | mm (in.)                    | 32 (1.26)   | タンク容量<br>Tank Capacity                                      | L (gal.)  | 10 (2.64)<br>4.2 (1.10)<br>400 (105.60)<br>52 (13.72)  |   |
|  | 回転工具主軸回転速度<br>Rotary Tool Spindle Rate   | min <sup>-1</sup>           | 6000 [12000]  | 潤滑油タンク容量<br>Lubricant Tank Capacity                         | L (gal.)  | 4.2 (1.10)   |   |
| 送り速度<br>Feedrates                              | 回転工具加工能力<br>Rotary Tool Machining Capacity   | mm (in.)                    | タップ: M16<br>ドリル: φ16<br>Tap: Max. M16<br>Drill: φ16 | クーラントタンク容量<br>Coolant Tank Capacity                         | L (gal.)  | 400 (105.60)   |   |
|  | 早送り速度<br>Rapid Traverse Rate   | mm/min (ipm)                | X1, X2: 30000 (1181.10)<br>Y: 20000 (787.4)         | 冷却油温度コントローラタンク容量<br>Oil Temperature Controller Capacity     | L (gal.)  | 52 (13.72)   |   |
|  | ジョグ送り速度<br>Jog Feedrate  | mm/min (ipm)                | 0 ~ 5000 (0 to 196.85)                              | 機械の高さ<br>Machine Height                                     | mm (in.)  | 2320 (自動ドア無し)<br>2320 (91.34) (Without Automatic Door)   |   |
|  |  |                             |   | 機械の大きさ<br>Machine Size                                      | mm (in.)  | 全長: 3930<br>< 本体: 3680 +<br>タンク: 250 ><br>(コンベヤ出し: +1188)<br>幅: 2718 (前部除電流: 63)<br>Length: 3930 (154.72)<br>< Machine: 3680 (144.88) +<br>Tank: 250 (9.84) ><br>(Right Disposal Conveyor: +1188 (+46.77))<br>Width: 2718 (108.98)<br>(Electrical Cabinet Power Supply: 63 (2.48)) |   |
|  |  |                             |   | 機械質量<br>Machine Mass  | kg (lb.)  | 8100 (17820)   |   |



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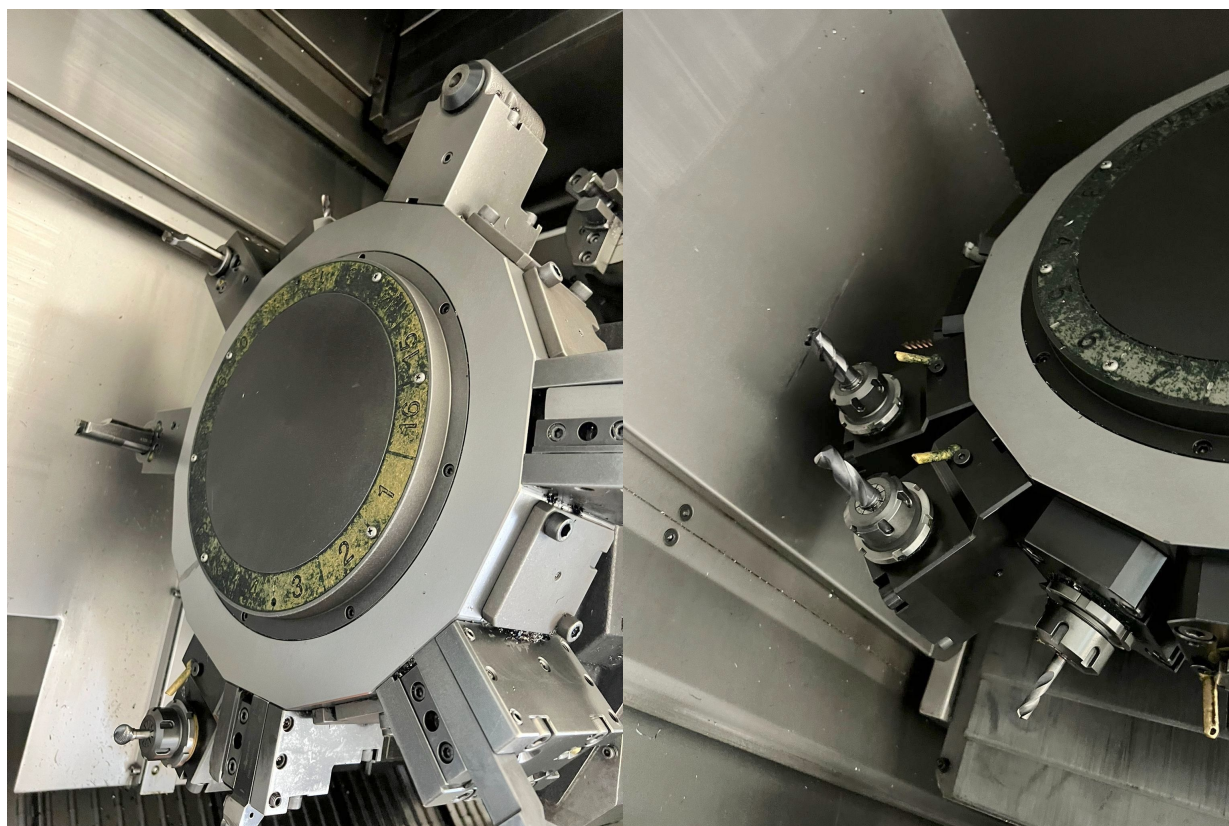
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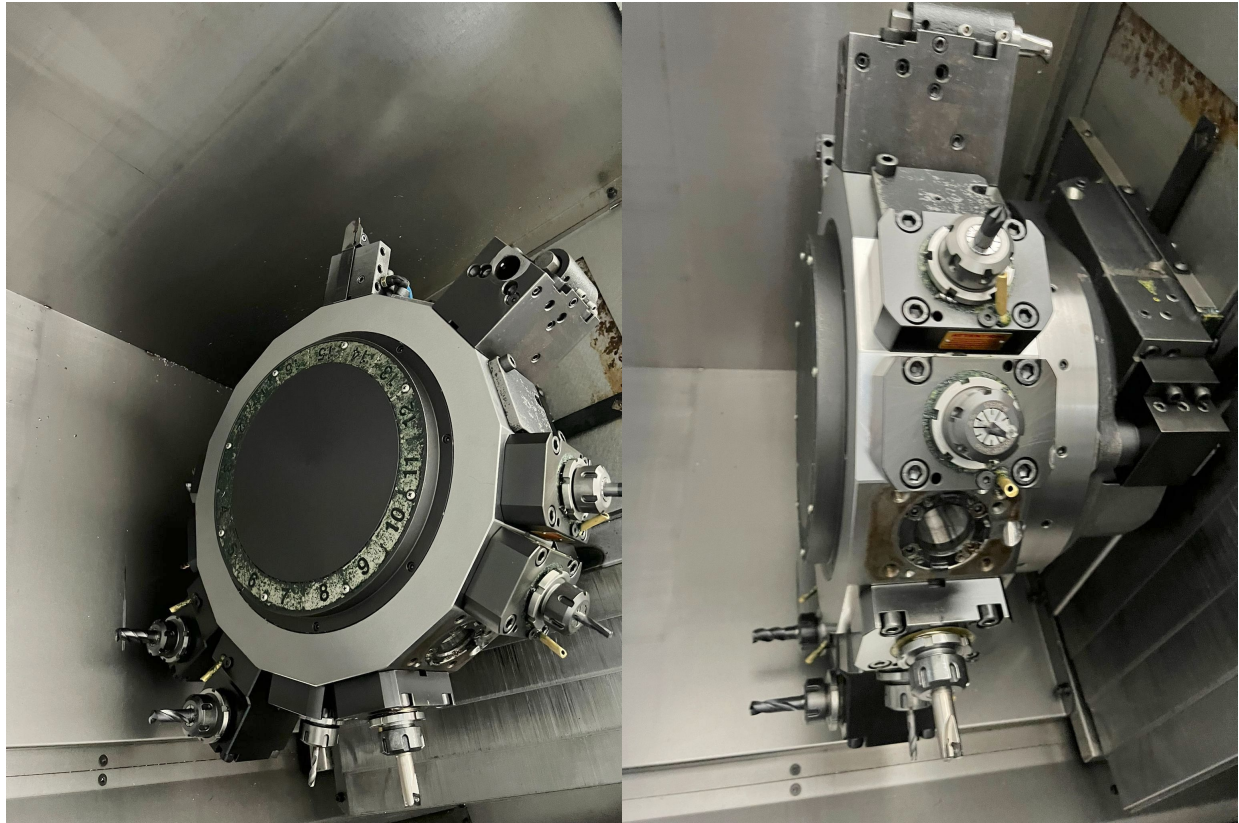
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