





**OUR MACHINE PARK**  
 LAST UPDATE: 08.09.2017



ROBOT CELL	OPTIONS	FEATURES
<p>YASKAWA-MOTOMAN MH50-35 <b>1PC</b></p> <p>MAZAK QUICK TURN SMART 100 S <b>2PCS</b></p> <p>RENISHAW - EQUATOR</p> <p>MITUTOYO SJ210-R ROUGHNESS TESTER <b>1PC</b></p> 	<ul style="list-style-type: none"> <li>▪ load capacity: 35 kg</li> <li>▪ guided axis number: 6</li> <li>▪ The maximum radius of the working space: R=2538 mm</li> </ul>	<p>The robot can produce fully automated high volume of parts with 100 % automated control. Suitable for middle and high volume producing of less complex parts to be supported by tail centre. The more processable diameter of pieces: 280 mm.</p>

CNC TURNING MACHINES	OPTIONS	FEATURES
<p><b>MAZAK HYPER QUADREX 150MSY</b> (YEAR: 2010)</p>  <p><b>3PCS</b></p>	<p><b>BAR-FEEDING CNC TURNING MACHINE</b></p> <ul style="list-style-type: none"> <li>▪ 4 axis processing</li> <li>▪ max spindle-trajectory: 65 mm</li> <li>▪ two turrets, together 24 pieces</li> <li>▪ for axial and vertical milling and drilling processes on driven tools</li> <li>▪ second spindle</li> <li>▪ C and Y axis direction processing to counter spindle direction also</li> <li>▪ piece-conveyor</li> <li>▪ for heat-compensating precision processing</li> </ul>	<p>Excellent for producing parts of middle and high volume complex processing up to 65 mm diameter, from rod material.</p>
<p><b>MAZAK QUICK TURN NEXUS 200 MSY</b> (YEAR: 2008)</p>  <p><b>1PC</b></p>	<p><b>CNC TURNING MACHINE</b></p> <ul style="list-style-type: none"> <li>▪ 4 axis processing</li> <li>▪ 12 tools turret</li> <li>▪ C and Y axis direction processing</li> <li>▪ second spindle</li> <li>▪ processable length: 610 mm</li> <li>▪ processable diameter: 350 mm</li> </ul>	<p>Excellent for producing parts of middle volume complex processing up to 610 mm length and 350 mm diameter.</p>
<p><b>MAZAK QUICK TURN NEXUS 200 MS</b> (YEAR: 2009-2010- 2014-2015)</p>  <p><b>4PCS</b></p>	<p><b>CNC TURNING MACHINE</b></p> <ul style="list-style-type: none"> <li>▪ 3 axis processing</li> <li>▪ 12 tool turret</li> <li>▪ C axis direction processing</li> <li>▪ second spindle</li> <li>▪ processable length: 610 mm</li> <li>▪ processable diameter: 350 mm</li> </ul>	<p>Suitable for producing parts of middle volume complex processing up to 610 mm length and 350 mm diameter.</p>

**MAZAK QUICK TURN NEXUS QTN 250 MS II**  
(YEAR: 2014)



**CNC TURNING MACHINE**

- 3 axis processing
- 12 tooles turret
- c axis direction processing
- second spindle
- processable length: 610 mm
- processable diameter: 380 mm

Excellent for producing parts of middle volume complex processing up to, 610 mm length and 380 mm diameter.

**1PC**

**MAZAK QUICK TURN NEXUS 150**  
(YEAR: 2007)



**CNC TURNING MACHINE**

- spindle-trajection: 51 mm
- 12 tooles turret
- poppet piece-support
- piece-tray
- processable length: 400 mm
- processable diameter: 350 mm

Excellent for producing middle and high volume axis to be supported up to 400 mm length.

**1PC**

**MAZAK QUICK TURN NEXUS 100**  
(YEAR: 2013-2014)



**BAR-FEEDING CNC TURNING MACHINE**

- spindle-trajection: 51 mm
- 12 tooles turret
- poppet piece-support
- piece-tray
- processable length: 310 mm
- processable diameter: 350 mm

Suitable for middle and high volume producing of less complex parts to be supported by tail centre from rod material up to 310 mm length.

**3PCS**

**MAZAK QUICK TURN SMART 100S**  
(YEAR: 2014)



**CNC TURNING MACHINE**

- chuck's size in main spindle 6 "
- 12 tools turret
- the most processable diameter is 280 mm and the processable size of rod 51 mm
- CNC-guided "Mazatrol Smart"
- poppet piece-support
- piece-tray
- processable length: 300 mm
- processable diameter: 280 mm

Suitable for middle and high volume producing of less complex parts to be supported by tail centre from rod material up to 300 mm length.

**3PCS**

**EXCEL FEMCO**  
(YEAR: 2007- 2010)



**CNC TURNING MACHINE**

- 12 tooles turret
- poppet piece support

Excellent for producing middle and high volume axis to be supported by tail centre up to 610 mm length.

**2PCS**

**EXCEL SLT320**



**CNC TURNING MACHINE**

- 12 tool turret
- poppet piece support
- C axis direction processing
- driven tool

Suitable for middle volume processing of complex parts.

**1PC**

**DLG 200**  
(YEAR: 2008)

**1PC**

**CNC TURNING MACHINE**

- 12 tool turret
- poppet piece support

Excellent for processing middle and high volume axis to be supported by tail centre up to 610 mm length.

CNC MACHINING CENTERS	OPTIONS	FEATURES
<p><b>MAZAK HCN4000-II</b> (YEAR: 2009)</p>  <p><b>2PCS</b></p>	<p><b>CNC MACHINING CENTER</b></p> <ul style="list-style-type: none"> <li>▪ 4 axis</li> <li>▪ 2 pallets- pallet size: 400x400 mm</li> <li>▪ maximum workpiece size: length: 630 mm; edge: 630 mm, core: 900 mm</li> <li>▪ 40-piece tool-rack</li> <li>▪ ISO40 jaw</li> <li>▪ Renishaw measuring unit</li> </ul>	<p>Excellent for low and middle series volume 4-axis high precision production of very complex parts.</p>
<p><b>KIA</b></p>  <p><b>1PC</b></p>	<p><b>CNC MACHINING CENTER</b></p> <ul style="list-style-type: none"> <li>▪ 3 axis</li> <li>▪ pallet size: 600x400 mm</li> <li>▪ 24-piece tool-rack</li> <li>▪ ISO40 jaw</li> </ul>	<p>Suitable for low and middle volume serial production of parts requiring 3-axis machining.</p>
<p><b>EXCEL PMC 10T24</b></p>  <p><b>1PC</b></p>	<p><b>CNC MACHINING CENTER</b></p> <ul style="list-style-type: none"> <li>▪ 4 axis</li> <li>▪ pallet size: 1000x400 mm</li> <li>▪ 24-piece tool-rack</li> <li>▪ ISO40 jaw</li> <li>▪ dividing head</li> </ul>	<p>Suitable for low and middle volume serial production of parts requiring 4-axis machining.</p>

**MAZAK VCS530**  
(YEAR: 2014)



**CNC MACHINING CENTER**

- 4 axis
- 1 pallet
- pallet size: 900x430 mm
- maximum workpiece size:  
length: 950 mm; edge: 530 mm, core: 510 mm
- 40-piece tool-rack
- ISO40 jaw
- Renishaw measuring unit

Excellent for low and middle serial volume 4-axis high precision production of very complex parts.

**1PC**

**MAZAK Variaxis i-800 SmoothX**  
(YEAR: 2016)



**CNC MACHINING CENTER**

- 5 axis
- 2 pallet changer
- pallet size: 900x430 mm
- maximum workpiece size:  
high: 500 mm, diameter: 800 mm
- 80-piece tool-rack
- Touch Probe Renishaw (Rmp600) Radio Type

Excellent for low and middle serial volume 5-axis high precision production of very complex parts.

**1PC**

**MAZAK HCN 6000 II**  
(YEAR: 2015)




**CNC MACHINING CENTER**

- 4 axis
- maximum workpiece size:  
high: 1000 mm, diameter: 900 mm
- 120-piece tool-rack
- 2 pallet changer
- Renishaw measuring unit

Excellent for low and middle serial volume 3-axis high precision production of very complex parts.

**1PC**

CNC GRINDER	OPTIONS	FEATURES
<p data-bbox="84 450 355 510"><b>PALMARY PC – 18S NC</b> (YEAR: 2011)</p>  <p data-bbox="84 860 153 898"><b>1PC</b></p>	<p data-bbox="568 622 970 651"><b>CNC CENTERLESS GRINDING MACHINE</b></p> <ul data-bbox="587 651 1027 705" style="list-style-type: none"><li>▪ automatic dressing and compensation</li><li>▪ hydrostatic spindle bearing arrangement</li></ul>	<p data-bbox="1099 636 1524 689">Suitable for centerless grinding of axis-type parts.</p>