

OUR MACHINE PARK
 LAST UPDATE: 29.04.2019



ROBOT CELL	OPTIONS	FEATURES
<p>YASKAWA-MOTOMAN MH50-35 1PC</p> <p>MAZAK QUICK TURN SMART 100 S 2PCS</p> <p>RENISHAW - EQUATOR</p> <p>MITUTOYO SJ210-R ROUGHNESS TESTER 1PC</p> 	<ul style="list-style-type: none"> ▪ load capacity: 35 kg ▪ guided axis number: 6 ▪ The maximum radius of the working space: R=2538 mm 	<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>MAZAK HYPER QUADREX 150MSY (YEAR: 2010)</p>  <p>3PCS</p>	<p>BAR-FEEDING CNC TURNING MACHINE</p> <ul style="list-style-type: none"> ▪ 4 axis processing ▪ max spindle-trajectory: 65 mm ▪ two turrets, together 24 pieces ▪ for axial and vertical milling and drilling processes on driven tools ▪ second spindle ▪ C and Y axis direction processing to counter spindle direction also ▪ piece-conveyor ▪ for heat-compensating precision processing 	<p>Excellent for producing parts of middle and high volume complex processing up to 65 mm diameter, from rod material.</p>
<p>MAZAK QUICK TURN NEXUS 200 MSY (YEAR: 2008)</p>  <p>1PC</p>	<p>CNC TURNING MACHINE</p> <ul style="list-style-type: none"> ▪ 4 axis processing ▪ 12 tools turret ▪ C and Y axis direction processing ▪ second spindle ▪ processable length: 610 mm ▪ processable diameter: 350 mm 	<p>Excellent for producing parts of middle volume complex processing up to 610 mm length and 350 mm diameter.</p>
<p>MAZAK QUICK TURN NEXUS 200 MS (YEAR: 2009-2010- 2014-2015)</p>  <p>4PCS</p>	<p>CNC TURNING MACHINE</p> <ul style="list-style-type: none"> ▪ 3 axis processing ▪ 12 tool turret ▪ C axis direction processing ▪ second spindle ▪ processable length: 610 mm ▪ processable diameter: 350 mm 	<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>MAZAK HCN4000-II (YEAR: 2009)</p>  <p>2PCS</p>	<p>CNC MACHINING CENTER</p> <ul style="list-style-type: none"> 4 axis 2 pallets- pallet size: 400x400 mm maximum workpiece size: length: 630 mm; edge: 630 mm, core: 900 mm 40-piece tool-rack ISO40 jaw Renishaw measuring unit 	<p>Excellent for low and middle series volume 4-axis high precision production of very complex parts.</p>
<p>KIA</p>  <p>1PC</p>	<p>CNC MACHINING CENTER</p> <ul style="list-style-type: none"> 3 axis pallet size: 600x400 mm 24-piece tool-rack ISO40 jaw 	<p>Suitable for low and middle volume serial production of parts requiring 3-axis machining.</p>
<p>EXCEL PMC 10T24</p>  <p>1PC</p>	<p>CNC MACHINING CENTER</p> <ul style="list-style-type: none"> 4 axis pallet size: 1000x400 mm 24-piece tool-rack ISO40 jaw dividing head 	<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

MAZAK HCN-4000 (YEAR: 2019)



CNC HORIZONTAL MACHINING CENTRE

- 4 axis
- 120-piece tool-rack
- CNC-guided: Mazatrol Smooth
- paletta load capacity: 400 kg
- processable length: 640 mm
- processable diameter: 630 mm

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

1PC

MAZAK VERTICAL CENTRE NEXUS VCN-530C (YEAR: 2019)



CNC VERTICAL CENTER NEXUS

- 4 axis
- 40-piece tool-rack
- CNC-guided: "Mazatrol SmoothG"
- programmable dividing heads
- processable length: 1000 mm

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

1PC

CNC GRINDER	OPTIONS	FEATURES
<p>PALMARY PC - 18S NC (YEAR: 2011)</p>  <p>1PC</p>	<p>CNC CENTERLESS GRINDING MACHINE</p> <ul style="list-style-type: none"> ▪ automatic dressing and compensation ▪ hydrostatic spindle bearing arrangement 	<p>Suitable for centerless grinding of axis-type parts.</p>