

# HURCO®

mind over metal

# 1 PARTNER, 2 SPECIALS\* AND UNLIMITED POSSIBILITIES

\*FOR A LIMITED TIME ONLY! (UNTIL 31.12.2019)



# PARTNERS FOR PRODUCTIVE PEOPLE



Take advantage of more than 50 years of experience

## CNC Machine Manufacturer

HURCO® develops and produces vertical and horizontal CNC machining centers. HURCO® offers more by drawing on over 50 years of experience as a manufacturer of CNC machines to offer individualized solutions with a special focus on horizontal CNC boring mills and the MAX® 5 control software featuring the most rapid responses in the sector.

Our customers' needs form the consistent focus of what we do: Many years of close collaboration with users have furnished us with detailed insights into customer requirements, while extensive market analysis furnishes the foundation for all of our product development projects. As our consistent objective is to offer customers a comprehensive product range providing the perfect reflection of their varied requirements.

We produce high-quality, highly efficient CNC machines. Our production processes rely exclusively on components from original equipment manufacturers and specialist suppliers providing premium products, frequently furnished by firms with whom we have shared many years of close mutual cooperation. Our production practices conform to demanding quality specifications and our quality management has been certified in accordance with ISO 900: 2008.

## What we offer

- Unexcelled performance in CNC controls
- 3-axis machining centers
- 5-axis machining centers
- Portal and horizontal machining centers
- Multi-axis turning centers
- Universal and heavy-duty turning centers

## Who we are

HURCO® provides premium performance as one of the largest internationally active manufacturers of CNC machining centers. For more than 50 years our high-quality products have been making their global mark in such sectors as aerospace and aeronautics, machine-tool manufacture, medical technology, the power and energy sector, transport and computer technology.

At HURCO®, the ability to satisfy challenging quality demands represents a basic element in a business concept, and compliance with this concept is ensured by a global network of 700 competent staff members along with ultra-modern production facilities. Our demonstration and training centers are distributed throughout all of Germany and Europe to guarantee superb levels of customer service.

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### The expert contact person for your questions and requests:

Sebastian Herr

HURCO® Product Manager

Phone +49 (89) 905094 - 99

[www.hurco.eu](http://www.hurco.eu)

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# TECHNICAL SPECIFICATIONS

DESIGNATION	VMX 30i	VMX 42i
<b>TRAVELS</b>		
X-axis (mm)	760	1,067
Y-axis (mm)	510	610
Z-axis (mm)	610	610
<b>TABLE</b>		
Distance spindle nose-table (mm)	150 – 760	150 – 762
Table working surface W x D (mm)	1,020 x 510	1,270 x 610
Max. table load (uniform distribution) (kg)	1,360	1,360
<b>MAIN SPINDLE</b>		
Spindle taper (DIN 69871 A)	SK 40	SK 40
Drive type	Belt drive	Belt drive
Max. spindle speed (rpm)	12,000	12,000
Max. spindle power (kW)	13.5	18
Max. spindle torque (Nm)	214	237
<b>FEED</b>		
X/Y/Z-axis rapid feed (m/min)	38 / 38 / 32	38 / 38 / 32
X/Y/Z-axis cutting feed (m/min)	38 / 38 / 32	38 / 38 / 38
<b>TOOL CHANGER</b>		
Magazine stations	30 / 40	30 / 40
Max. tool diameter (mm)	80 / 76	80 / 75
With adjacent positions (mm)	130	130
Max. tool length (mm)	300	300
Max. tool weight (kg)	7	7
Tool-change time (sec.)	2	2
<b>OTHER DATA</b>		
Compressed-air supply (bar)	7	7
Electrical power supply (kVA/A)	23 kVA / 50 A / 400 V	28 kVA / 50 A / 400 V
Machine weight (kg)	5,000	6,809
Required floor space (mm) **	3,939 x 4,039 x 2,724	4,572 x 3,713 x 2,920
Coolant tank capacity (l)	265	340

For additional information visit [www.hurco.eu](http://www.hurco.eu)

Technical data are subject to change without notice. Optimal machine performance is subject to the technical conditions prevailing at the installation site and defined by the electrical power supply, air supply and ambient air.

\*Special offers end after 31.12.2019 / \*\* Open doors, including control system and chip conveyor

# SPECIAL OFFERS

FOR A LIMITED PERIOD! (UNTIL 31.12.2019)

## VMX 30i

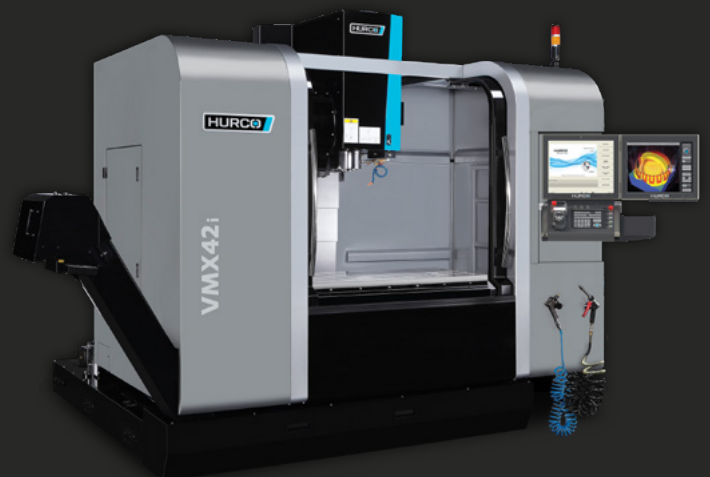
The high-performance, compact 3-axis machining center.

## VMX 42i

3-axis machining center with impressive performance and flexibility.

Includes: (applies to both machines)

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- Spindle speed of 12,000 rpm
  - Spindle cooler
  - Tool changer with 30 stations
  - BigPlus spindle
  - Detachable electronic handwheel including LCD display
  - Adaptipath, UltiMotion and optimized tool changes
- Installation
  - Transport
  - Shipping insurance
  - Training
  - XP Package (higher feed rates, adjustable monitor)
- 



# THE MOST POWERFUL CONTROL IN INDUSTRY



- Sketch
- Drawing
- CAD / CAM
- Solid model
- 3D-DXF and DXF file

## All-in-one: MAX<sup>®</sup> 5 + WINMAX<sup>®</sup>

The high-performance MAX<sup>®</sup> 5 CNC control from HURCO<sup>®</sup> combines with the WINMAX<sup>®</sup> CNC control software to create a closed-loop control system that furnishes flexibility while offering intuitive operation on a level that remains unmatched in the industry. Even more important is how each function offers advantages that can be measured in the form of enhanced productivity, which ultimately translates into additional profits.

## Your advantages at a glance

- Faster progress from drawing board to machined part
- Minimal orientation times
- Windows-based
- Fastest programming
- Ergonomic design

## The Option NC Program Jump<sup>\*\*\*</sup>

enables you to incorporate NC programs in dialog programs.

## Solid-Model Import<sup>\*\*\*</sup> It doesn't get any faster than this

- Read in STEP files
- Read in 2D and 3D DXF files
- Create contour data blocks from solids
- Automatic generation of pockets with closed contours
- Automatic recognition of pivoting planes and islands
- Coordinate system offsets (freehand or with manual entries)
- MultiTouch technology

# HURCO®

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## PARTNERS FOR PRODUCTIVE PEOPLE

HURCO® CNC control systems enhance profitability: they provide the fastest path from the drawing board to the finished workpiece.



### Comprehensive solution

From draft to finished workpiece with HURCO®



### Queries

Phone +49 (89) 905094 - 0  
E-mail [info@hurco.de](mailto:info@hurco.de)



### Profitability

Efficiency with the sector's fastest CNC control software, Max® 5



### Service

Phone +49 (89) 905094 - 44  
E-mail [service@hurco.de](mailto:service@hurco.de)



### Product variety

The right CNC machine for every challenge



### Spare parts

Phone +49 (89) 905094 - 55  
E-mail [ersatzteile@hurco.de](mailto:ersatzteile@hurco.de)



### Quality

100 % precision from the world's most successful technology leader



### User support

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