



Besttime

Turning | Milling | Software

With the **most powerful** control in industry



WinMax[®]

All in one:
The most powerful
control in industry

- > faster from the drawing to the finished part
- > shortest learning curve
- > fastest programming
- > quick overview by double screen
- > designed ergonomically



Sketch



Drawing



CAD / CAM



Desktop



DXF file

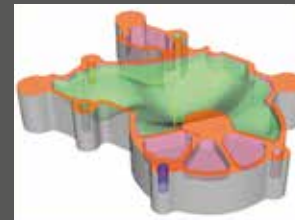
New



WinMax®: Faster from the drawing to the finished part

HURCO continues its reputation for technology innovation that yields measurable productivity gains for its customers because we're focused on your success. When we designed WinMax® control software, we focused on simplicity for the user less keystrokes, intuitive software, advanced graphics capabilities, and an enhanced graphical interface. Conversational programming with WinMax® gets you from print to part faster than ever. Three steps and you're there.

- > **Setup.**
- > **Program.**
- > **Verify.**
- > Powerful software simplifies 5-sided programming.
- > Reduce programming time by 80 percent with Swept Surface. Additional tool path strategies simplify 3D mold programming.
- > Maximize surface finish and minimize time with Select Surface Finish Quality Machining.
- > Eliminate bottlenecks with automated programming of DXF Transfer feature.
- > Incorporate NC code into conversational programs with NC/Conversational Merge.
- > Save time with Math Assist feature that automatically trigs out missing values.



Step 1: Setup

Setup is even easier with the WinMax® Tool & Material Library. Set up each tool one time and you're finished—the parameters are stored with the control so you just recall the tool the next time.

Step 2: Program

The graphical user interface of WinMax simplifies programming. Conversational programming with WinMax® will save you time and give you peace of mind — especially when you need to hire and train employees because it's easy to learn and easy to use.

Step 3: Verify

Advanced Verification Graphics with 3D solid rendering of the part, including dynamic rotation and real time tool display, make proving out the part a snap. View the part from any angle without the need to redraw it.

> Tool- und Materiallibrary
9.999 programmable tools

> 3D-Plus*

> Tool change optimization with Conversational Programs*

> Conversational NC-Merge*

> HURCO Ultimotion*

* optional

3-axis

machining centers

- > VMX i
- > VMX HSi
- > DCX i

Its high performance and flexibility, the centers of the series are suitable for a wide range of applications and operating conditions. From machine types with the smallest footprint to large dual column machines, the application range from aerospace to medical devices.



Table

Table working surface (mm)	760 x 405 – 4.000 x 2.100
max. load (kg)	340 – 16.000

Travels

X-axis (mm)	610 – 4.200
Y-axis (mm)	405 – 2.600
Z-axis (mm)	510 – 1.100

Spindlemotor

Spindlepower (KW)	8,5 – 60
Torque (Nm)	6 – 570

Spindle

Taper	SK-40 / SK-50 / HSK 63 A / BT 30
Spindlespeed max. (rpm.)	6.000 – 20.000

Toolchanger

Places	20 – 96
max. Toolweight (kg)	5 – 15

Further details

Machineweight (kg)	2.850 – 50.900
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Further information and technical data on the product, see www.hurco.eu. Machines shown with options. Prices and information may change without notice.

further information

www.hurco.eu

4-axis

horizontal machining centers

- > HMXi
- > HBMXi

- > Fast dual pallet changer reduces cycle times (only at HMXi).
- > Fully integrated 4th axis for efficient, accurate machining of complex parts (with 4th axis rotary table).
- > High machining capacity in contour machining with high surface quality.



	HMXi	HBMXi
Table		
Table working surface (mm)	2 x 500 x 500 – 2 x 630 x 630	1.120 x 1.250 - 1.800 x 2.000
max. load (kg)	500 – 1.000	4.000 - 10.000
Travels		
X-axis (mm)	810 – 1.050	1.400 - 2.400
Y-axis (mm)	610 - 900	1.390 - 2.100
Z-axis (mm)	640 – 1.000	1.100 - 1.700
Spindlemotor		
Spindlepower (KW)	48 - 56	30 - 44
Torque (Nm)	183 - 445	1.500 - 2.500
Spindle		
Taper Din 69871 A	SK 40 / SK 50	SK 50 - SK / BT 50
Spindlespeed max. (rpm.)	8.000 – 12.000	2.500
Toolchanger		
Places	60	60 - 60 (90)
max. Toolweight (kg)	7 – 20	25
Further details		
Machineweight (kg)	18.000 – 25.800	19.200 - 26.000

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further information

www.hurco.eu

5-axis machining centers

- > VMX SRTi > VMX UHSi
- > VMX Ui > VCX 600 i
- > VTX Ui > DCX 5SCi

- > The HURCO 5-axis machines include software designed to effectively set-up process and the programming of complex parts easily.
- > Digital encoders and direct measuring systems
- > Robust digital servo drives, large ball screws and linear guides increase accuracy and provide maximum surface quality.

New



Table

Table working surface (mm)	3.000 x 1.700
Roundtable working surface (mm)	ø 200 – 600
max. load (kg)	150 – 11.000

Travels

X-axis (mm)	533 – 3.200
Y-axis (mm)	406 – 1.900
Z-axis (mm)	483 – 900
B-axis (°)	-110 / +30
C-axis (°)	+/-105
A-axis (°)	360

Spindlemotor

Spindlepower (KW)	8,5 – 54
Torque (Nm)	6 – 237

Spindle

Taper	SK-40 / BT 30 / HSK 63 A
Spindlespeed max. (rpm.)	10.000 – 20.000

Toolchanger

Places	20 – 96
max. Toolweight (kg)	5 – 7

Further details

Machineweight (kg)	3.100 – 37.000
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further information

www.hurco.eu

Lathes

- > TMi
- > TMMi

- > Slant-bed lathes.
- > Heavy duty construction.
- > Digital drive technology.



Table working surface

max. cutting diameter (mm)	215 – 594
max. cutting length (mm)	318 – 1.983
Chuck diameter (mm)	150 – 456
Bar Capacity (mm)	45 – 162

Travels

X-axis (mm)	170 – 430
Z-axis (mm)	356 – 2.030
W-axis (mm)	1.015 – 2.030

Spindlemotor

Spindlepower (KW)	13 – 55
Torque (Nm)	113 – 2.400

Spindle

Spindlespeed max. (rpm.)	600 – 6.000
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Revolver

Typ DIN 5480	VDI 20 – VDI 50
Stations	12

Further details

Machineweight (kg)	3.200 – 13.700
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further information

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