

Technological possibilities of machines

SHOP ŽIAR NAD HRONOM

CNC MILLING

Machine type	X (mm)	Y (mm)	Z (mm)	Max. weight workpiece (kg)	Clamping table surface (mm)	Different specification
HURCO VMX 64	1625	860	760	2000	1675x890	3 axis milling
HURCO VSX 24	610	510	610	700	760x510	3 axis milling
DMG 75monoblok	750	650	560	600	D630/650x800	5 axis milling
HYUNDAI 650	1400	660	635	1300	1600x650	3 axis milling
HYUNDAI Hi-V50D	600	460	570	2 x 350	460 x 600	3 axis milling
DUGARD EAGLE 1000	1020	510	510	600	1200 x 450	4 axis milling
HYUNDAI KF5600C	1060	560	635	1000	1200x560	4 axis milling

MILLING

Horizontal milling VH 10	1250	1000	900	3000	1000 x 1120	
FB 32U	600	400	400	800	510x370	
FA 4AH	1000	355	425	800	250x1400	

CNC TURNING

	Ø above the bed	Ø in the frame	L between the spikes			
Harrison ALPHA 1400S	400	245	1250	600		Spindle drilling Ø 50
HYUNDAI HIT 30	510	320	1000	800		Spindle drilling Ø 70
HYUNDAI SKT 400M	570		1000	880		Spindle drilling Ø 100
HYUNDAI SKT 400M	570		1000	880		Spindle drilling Ø 100
HYUNDAI SKT 200TTSY	250	250	700	200	X1,X2,Z1,Z2,Y,B	Spindle drilling Ø 65

TURNING

Machine type	X (mm)	Y (mm)	Z (mm)	Max. weight workpiece (kg)	Clamping table surface (mm)	Different specification
SV 18RA	380	215	1250	300		Spindle drilling \varnothing 40
SU 50	500	280	1500			Spindle drilling \varnothing 55
SUS 63A	630	360	3000	6000		Spindle drilling \varnothing 60

ELECTROEROSIVE EXCAVATION

EXERON EDM 313	620	420	400	1500	1000x600	Level 400
EROTECH VX7HS	670	470	400	2000	800x650	Level 400

ELECTROEROSIVE CARVING

FANUC Alfa C600i	600	400	400	1000	1050x820	Level 400
CHARMILL ROBOFIL 190	250	160	150	200	700x300	Level 150

HOLE PUNCHER

SODIC KC1	157	350	215	100	650x370	Level 240
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FLAT SANDING

BPU 80	2000	800	500	600	800x2000	workpiece height 500
BRH 40	900	400	400		400x900	workpiece height 400
BRH 20.02	630	210	525	200	200x630	workpiece height 250
BPH 20NA	650	210	300		200x630	workpiece height 300

ROUND GRINDING

Machine type	X (mm)	Y (mm)	Z (mm)	Max. weight workpiece (kg)	Clamping table surface (mm)	Different specification
	Ø above the bed	Ø in the frame	L between the spikes			
2UD P2 750	290	70/70	750	50		
BUA 16A	160	30/60	250	10		
BU 28 - 630	295	70/70	630	65		
BHU 32/1000	320		1000			

DRILING

WKV 100				2000	1000x1600	
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VERTICAL GRINDING OF HOLES

SKOE 630 - 1000 PA					630x1000	Ø hols 4 - 150 mm
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TUCKING AND TESTING FORMS

REIS TUS 115OK			1135		1250x900	
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3D MEASUREMENT

WENZEL LH 108	800	1200	650	2000	1300 x 2000	
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SHOP VLKANOVÁ

CNC MILLING

Machine type	X (mm)	Y (mm)	Z (mm)	Max. weight workpiece (kg)	Clamping table surface (mm)	Different specification
XYZ 1010 VMC	1010	509	509	500	1200x450	4 axis milling
Hyundai wia FX6300	700	600	500	500	D600/500x700	5 axis milling
QUASER MK 60 II	1020	610	560	600	1050x550	3 axis milling

CNC TURNING

	Ø above the bed	Ø in the frame	L between the spikes			
COLCESTER TORNADO T	410	1230	450	200		Spindle drilling Ø 54
MONFORTS RNC 4	600	420	1000	250		Spindle drilling Ø 60
WINTEC TC-35	660	550	1000	400		
VTURN V300	600	540	520	500		
HYUNDAI HD2200C	550	390	550	200		Spindle drilling Ø 80

3D MEASUREMENT

DEA MISTRAL	1200	800	650	1000	1800x1100	
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