

MACHINE LIST 2018
NTS Prometal Machining, s.r.o.

updated
10.8.2018

Qty	Technology / Equipment	Description	Capabilities, Tonnage, Machine Envelope		
1. Quality Control Measuring			<i>Axis:X (mm)</i>	<i>Y (mm)</i>	<i>Z (mm)</i>
1	MITUTOYO - APEX S 9168	CNC coordinate system measuring machine 5-axis	905	1605	805
1	CIMCORE CA 7525	3D measuring arm			
2. Milling			<i>Axis:X</i>	<i>Y</i>	<i>Z</i>
1	MAZAK Variaxis 730-5XII	CNC 5 axis milling center	650	770	400
1	MAZAK Variaxis 500-5XII	CNC 5 axis milling center	410	410	400
1	MAZAK Variaxis 630-5X	CNC 5 axis milling center	550	640	380
1	MAZAK Nexus VCN 410 A	CNC vertical milling center	480	340	370
1	Makino S56	CNC vertical milling center	830	420	370
1	AKIRA Seiki SV1350	CNC vertical milling center	1250	600	610
1	CMX 600 V	CNC milling machine	600	400	350
1	HELLER FP 6000	CNC horizontal milling center	1000	1000	1300
3. Turning			<i>max. diameter</i>	<i>length</i>	
2	OKUMA type LB 3000EX II	CNC lathe	340	450	
1	MAS MASTURN	CNC lathe	220	450	
1	MAZAK NEXUS 100	CNC lathe	150	200	
1	OKUMA type LB 4000EX II	CNC lathe	430	750	
4. Multitasking Machine			<i>Axis:X</i>	<i>Y</i>	<i>Z</i>
1	OKUMA Multus B-200W	CNC turning- and milling machine 5-axis simultaneously (7-axis under control)	340	500	
5. Sheet-Metal Work			<i>power</i>	<i>length</i>	<i>max. sheet (mm)</i>
1	AMADA HFE 80/3	Press brake 8-axis	800 kN	2 550 mm	8
1	Bystronic X PERT 200t	Press brake 6-axis	2000 kN	3100 mm	10
1	Bystronic XPERT 40t	Press brake 6-axis	400 kN	1000 mm	4
1	Bystronic XPERT 100t	Press brake 6-axis	1000kN	3100 mm	8
1	Bystronic BYSTAR 3015	Laser cutting machine	4 400 W	1 500 x 3 000	steel: 15 stainless: 10 aluminium: 8
1	618 Haeger Press	Insertion workstation	4 Tons		
1	Deburring	Grindingmaster RWT STEELINE BSM 1100	3,4KW	1100mm wide	
1	Deburring	Kuhlmeyer ZBS 2	3000mm	1000mm	500mm
1	Drilling/Tapping	Drill Heltos VS40 CASTOR	Round15/M12		
1	Drilling/Tapping	Drill Heltos VS40 SPRINT	Round15/M12		
6. Welding			<i>AC source</i>		
1	Welding Robot Mag	Valk Welding/Panasonic WG III-E 1400 (TIG,MIG,MAG)	300A	1x1x1m	
1	Spotwelding	DALEX PMS 12-6	3+3mm st. steel	3+3mm.steel	M12 max
1	MIG, MAG, TIG welding	MIG, MAG, TIG welding Migatronics Fronius	200-400A		
1	Weld studs	Nelson P10 2x	200A		
4	Riveting	Riveting pistole KJ 80	UFO nut		
2	Riveting	Riveting pistole 2007HY HEYMAN	UFO nut		
1	Riveting	Riveting pistole Proset 2500 MCS HEYMAN	Blind rivet		
7. Material Cutting			<i>max. diameter</i>		
1	PILOUS	Band saw	215		
1	PERFECT 250	Circular saw	80		
8. Drilling Machine			<i>max. height of material in mm</i>		
1	VS 32B	Round-column drilling machine	620		
9. Ultrasonic Cleaning			<i>max. product dimensions in mm</i>		
1	Cleaning box	Ultrasonic cleaning device	380 x 300 x 180		
10. Vibratory Finishing Technology			<i>Axis:X</i>	<i>Y</i>	<i>Z</i>
1	Rösler R430/1100 TE-15Pu	Vibratory finishing machine	1100	430	540
1	Sandblasting box	WISTA 9080 FA	850	750	500
11. Paintshop			<i>max. product dimensions</i>		
1	Powder Coating Line	full scale flow line	1000 x 1600 x 3000 mm		max.150 kg/item
1	Wet Painting Box		1000 x 1600 x 3000 mm		