

MACHINE LIST 2011
NTS Prometal Machining, s.r.o.

Qty	Technology / Equipment	Description	Capabilities: Tonnage, Machine Envelope		
			Axis:X	Y	Z
1. Quality Control Measuring			Axis:X	Y	Z
1	MITUTOYO EURO C7106	CNC coordinate system measuring machine 5-axis	700	1000	500
2. Milling			Axis:X	Y	Z
1	MAZAK Variaxis 730-5XII	CNC 5 axis milling center	650	770	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	MCFV 1060LR	CNC vertical milling center	900	500	480
1	FGS 40 CNC P	CNC vertical milling center 4-axis	840	340	300
1	FNG 20 CNC	CNC milling machine	390	250	200
1	FN 20	Tool room milling machine with digital metering	250	150	250
3. Turning			max. diameter	length	
1	OKUMA type LB 300/M/500	CNC lathe	305	300	
1	MAS MASTURN	CNC lathe	220	450	
1	Mazak NEXUS 100	CNC lathe	150	200	
1	SV 18	Center lathe with digital metering	300	800	
4. Multitasking Machine			Axis:X	Y	Z
1	OKUMA Multus B-200W	CNC turning- and milling machine 5-axis simultaneously (7-axis under control)	340	500	
5. Sheet-Metal Work			power	length	max. sheet
2	AMADA HFBO 100/3	Press brake 8-axis	1000 kN	3 110 mm	
1	SAFAN SMK-P32-1600 TS 1	Press brake	320 kN	1 600 mm	
1	BYSTRONIC BYSTAR 3015	Laser cutting machine	4 000W	1 500 x 3 000	
1	618 Haeger Press	Insertion workstation	6 kN		
6. Welding			AC source		
1	Schlatter SELECTA 1	Spot-welding machine	60 kVA		
6	MIG, MAG, TIG welding	MIG, MAG, TIG welding			
7. Material Cutting			max. diameter		
1	PILOUS	Band saw	215		
1	PERFECT 250	Circular saw	80		
8. Other Machines			max. height of material		
5	V 20B	Bend drill	500		
1	VS 20B	Round-column drilling machine	620		
9. Ultrasonic Cleaning			max. product dimensions		
1	Ultrasonic cleaning room		380 x 300 x 180		
10. Vibratory Finishing Technology			Axis:X	Y	Z
1	Rösler R430/1100 TE-15Pu	Vibratory finishing machine	1100 mm	430 mm	540 mm
11. Paintshop			max. product dimensions		
1	Powder Coating Line	full scale flow line	1000 x 1600 x 3000 mm		max.150 kg
1	Wet Painting Box		1000 x 1600 x 3000 mm		