

## Machine list AAE



March 2009

AAE bv

Postbus 493

5700 AL Helmond

Grasbeemd 2

*Telefoon*

+31 (0)492-54 18 61

*Fax*

+31 (0)492-52 86 40

*E-mail*

mail@aaebv.com

*Internet*

www.aaebv.com

ABN-AMRO 4304.92.472

Postbank 3503346

## 1. Turning (CNC and conventional)

1 Okuma Multus	B300W incl. Quick Load Bar feed LNS 80 incl. 60 tool positions, equipped with sub spindle.	Ø 450 x 900
1 Okuma	LU 25M CNC (driven tools)	Ø 400 x 1100
1 Okuma	LB 300 M CNC (bar feed LNS 65)	Ø 310 x 500
1 Okuma	LS 30 N CNC (driven tools)	Ø 310 x 520
1 Okuma	LB15 M CNC (driven tools)	Ø 310 x 500
1 Hardinge	HLV-H	Ø 180 x 375
1 Caseneuve	HB 575	Ø 500 x 575

## 2. Milling (CNC and conventional)

1 Okuma	CNC machining center MA-400HA Equipped with OKUMA OSP-E100M CNC controller. with fully automatic tool-changer (100 pieces) and 6-pallet loading unit.	560 x 610 x 625
1 Okuma	CNC 5 axis milling center MU-400VA with 2-axis Trunnion high speed rotation-table Equipped with OKUMA OSP-E100M 3D-E-kit CNC-controller with graphical TFT color screen and automatic loading robot.	762 x 460 x 460
2 Okuma	CNC 5 axis milling center MU-500VA Each with 240 tool positions, coupled through single Erowa ERS-robot. 3 different pallet types.	1250 x 660 x 540
1 Okuma	MC-4 VAE CNC machining center	775 x 420 x 450
1 Okuma	MC-40 VAHS CNC machining center Equipped with 4 <sup>th</sup> axis	775 x 420 x 450
1 Hermle	C1200V machining center	1200 x 900 x 500
1 Deckel	DMC 65V machining center	650 x 500 x 500
1 Deckel	DMC 65V machining center Equipped with 4 <sup>th</sup> axis	650 x 500 x 500
1 Deckel	FP2NC D3	300 x 215 x 250
1 Deckel	FP4NC D2	560 x 450 x 450
1 Abene	VHF 340 TI	700 x 275 x 495
2 Deckel	FP1	300 x 150 x 300
1 Aciera	F3	300 x 150 x 150
1 Aciera	F3V	350 x 150 x 150
1 Abene	VHF 300	700 x 275 x 495



### **3. CAD/ CAM**

---

- Hypermill (universal)
- Admac (Okuma) Simulation software
- NC-simulation software

### **4. Co-ordinate-drilling/milling (CNC and conventional)**

---

1 Fehlmann Picomax 54 TNC 310	500 x 250 x 480
1 Fehlmann Picomax 51 TNC	450 x 260 x 450

### **5. Grinding (round/surface)**

---

1 Studer	S40-2	Ø 350 x 650
1 Jung	F40	300 x 150
1 Jung	F50	400 x 175

### **6. Honen**

---

1 Sunnen	MBB-1660	Ø 1,52 x Ø 60
----------	----------	---------------

### **7. Chasing**

---

1 Deckel	G1L	200 x 500
----------	-----	-----------

### **8. Measurement**

---

1 3D Measuring Zeiss Contura fixed XT scan measurement head	700 x 700 x 600
1 3D Measuring Mitutoyo Euro-C-A7106 (in cleanroom)	1005 x 705 x 605
1 3D Measuring Stiefelmayer	2000 x 1600 x 1800
1 Tesa Microhite perpendicularity and height gauge	0 – 650
1 Mitutoyo Lineair Height gauge	0 – 600
1 Measuring microscope with projection	
3 Heidenhain MT 100m Height gauge	0 – 100
1 Trimos Vertical 3 Height gauge	0 – 600
1 Trimos Altia	0 – 350
1 Olympus BX-FM-F, light microscope	1000x magnification
1 Olympus SZX-12, stereo microscope	144x magnification



## 9. Sheet metal

---

1 Amada CNC laser cutting type Quattro		1260 x 1260 x 100
	max. cutting depth 6 mm. steel; max. 3 mm. Stainless; 2 mm Aluminum.	
	Stainless steel < 1,5 mm thickness	accuracy ± 0,05 mm.
	Stainless steel 2 - 4 mm thickness	accuracy ± 0,1 mm.
	Steel< thickness 6 mm	accuracy ± 0,1 mm.
	Al.< thickness 2 mm	accuracy ± 0,1 mm.
1 Safan	VS205 VAF guillotine shearing machine	2500mm
1 Amada	CNC HFE 80 – 25 angle bender ( 7 shafts - 80 ton)	2500mm
1 Safan	UCK 1600 angle bender	1600mm
1 Raskin	R-52 M piercing machine	
1 Belt sander		
1 Corner cutting machine		
Welding equipment	MIG, TIG, Autogenous	
Spot welding	Electrode welding	
Various rolling machines and straightening equipment		

## 10. Sawing

---

Eisele sawing machine  
 Behringer band-saw machine  
 Bewo sawing machine  
 Kaltenbach circular blade-saw

## 11. Miscellaneous

---

Pillar drill machines  
 Radial drill machines  
 Bench drilling machines  
 CNC thread-cutting machine M2-M6  
 Sanding machine