

CAD/CAM production		Application	Location
Creo (Pro/ENGINEER)		CAD 3D; STEP, Catia, Unigraphics compatible	Hittech MPP / Multin
Creo 4.0, Solid Works		CAD/CAM	Hittech Prontor GmbH
Solid Works		CAD 3D	Hittech Multin / Gieterij Nunspeet
SolidEdge		CAD 3D	Hittech Landes
EdgeCAM / Siemens NX		CAM 3D; Turning,Milling	Hittech Bihca / MPP / Landes
Vericut		CAM verification and optimisation	Hittech Landes
PEPS V5.2		CAM 2D; Wire-EDM	Hittech Bihca B.V.
AutoCAD2002LT Mechanical 6, Mechanical Desktop		CAD 2D; Milling	Hittech Bihca / Prontor
MasterCAM		CAM 3D	Hittech Wemac Sdn. Bhd.
Solid Works		CAD 3D	Hittech Wemac Sdn. Bhd.
Quality control		Dimensions and Tolerances /Brand	Location
1 x Zeiss O-Inspect 345		300x400x500	Hittech Bihca B.V.
hitech	2 x Zeiss Contura G2	1200x1000x600	Hittech Bihca B.V.
1 x Zeiss Prismo 12/18/10 Fortis		1200x1800x1000	Hittech Bihca B.V.
1 x Zeiss Contura G2		1200x800x600	Hittech Multin B.V.
1 x Zeiss Contura G2		1200x1000x600	Hittech MPP B.V.
1 x Zeiss Contura G2		1200x1000x600	Hittech Prontor GmbH
		measurement inaccuracy 3D= 1,9 µm + L/350	
1 x Zeiss Prismo		700x900x650	Hittech MPP B.V.
2 x Zeiss Prismo		1200x1800x1000	Hittech Prontor GmbH
		measurement inaccuracy 3D= 1,5µm + L550	
1 x Zeiss Duramax		500x500x500	Hittech Prontor GmbH
1 x Zeiss Duramax		500x500x500	Hittech Wemac Sdn. Bhd.
		measurement inaccuracy 3D= 2.4 µm + L/300	
1 x Zeiss Spectrum		700x1000x600	Hittech Wemac Sdn. Bhd.
		measurement inaccuracy 3D= 1.8 µm + L/300	
1 x 3D Optisch CNC 220 measuring machine		220x150x100; 0,5 µm version	Hittech MPP B.V.
		measurement inaccuracy 3D= 5 µm + L/150	
1 x Novex Triono-Zoom Stereo-Microscope		RZT-PL with CCD color camera	Hittech Bihca B.V.
1 x Zeiss GOM scanner		GOM	Hittech Gieterij Nunspeet B.V.
1 x Röntgen-lab		Yxlon	Hittech Gieterij Nunspeet B.V.
1 x Spectro-lab		Spectro	Hittech Gieterij Nunspeet B.V.
1x Schutz & Licht tensile testing machine			Hittech Gieterij Nunspeet B.V.
1 x RGA Analyse		1000x700x500	Hittech Multin B.V.
1 x Keyence microscope VHX-7000		50x70x70	Hittech Multin B.V.
1 x Keyence microscope LM 1100		Optisches Messgerät	Hittech Prontor GmbH
1 x Mitutoyo Crysta Apex C9166		1600x900x600	Hittech Landes
1 x Mitutoyo Crysta Apex S9106		900x1000x800	Hittech Landes
Aluminum casting		Mould size / Brand	Location
1 x Automatic forming machine FA		800x650x400	Hittech Gieterij Nunspeet B.V.
1 x Automatic Sandpreparation(Core-shop)		Segab	Hittech Gieterij Nunspeet B.V.
2 x Core Shooting Machines		Vogel & Schemann	Hittech Gieterij Nunspeet B.V.
1 x Core Shooting Machine		Laempe LL-20	Hittech Gieterij Nunspeet B.V.
1 x Muldenband Blasting cabinet			Hittech Gieterij Nunspeet B.V.
1 x Hangbaan Blastingcabin		Blasting Technic HB1000x1400-2	Hittech Gieterij Nunspeet B.V.
2 x annealing furnace		EliNo	Hittech Gieterij Nunspeet B.V.
1 x Automatic sand preparation		Segab	Hittech Gieterij Nunspeet B.V.
1 x Automatic sand test		Mischenfelder	Hittech Gieterij Nunspeet B.V.
4 x for melters		Morgan	Hittech Gieterij Nunspeet B.V.
5 x incinerator furnace		Morgan	Hittech Gieterij Nunspeet B.V.
2 x castrobot		ABB	Hittech Gieterij Nunspeet B.V.
2 x degassing tool			Hittech Gieterij Nunspeet B.V.
1 x casting Simulation (LCC)		LCC	Hittech Gieterij Nunspeet B.V.
1 x Automatic grinding robot		PS Autogrinding	Hittech Gieterij Nunspeet B.V.
CNC Turning		Range (D x L) mm	Location
1 x Okuma Space Turn LB300 MW		Ø36/370x500	Hittech Bihca B.V.
1 x Schaublin 125 CCN		Ø25/125x300	Hittech Bihca B.V.
1 x Okuma LB15M		Ø340x1000	Hittech Bihca B.V.
1 x NLX 1500		Ø380x500	Hittech Bihca B.V.
1 x Okuma Genos L300MY		Ø340x420 passage Ø70	Hittech Bihca B.V.
2 x Mikron LCE 500 T		Ø200x440	Hittech MPP B.V.
hitech	1x Haas ST-35	Ø300x500	Hittech MPP B.V.
1 x CTX Beta 800 TC (turning/millingcombination)		Ø75x800	Hittech MPP B.V.
1 x Goodway GLS150		Ø165x500	Hittech Wemac Sdn. Bhd.
2 x Star SV 32		Ø32x3000	Hittech Prontor GmbH
1 x Star SW 7		Ø10x3000	Hittech Prontor GmbH
2 x Tsugami HS 327		Ø32x3000	Hittech Prontor GmbH
1 x Tsugami P01		Ø3x3000	Hittech Prontor GmbH
1 x Index G200		Ø65x1000	Hittech Prontor GmbH
1 x Index G220		Ø90x1000	Hittech Prontor GmbH
3 x Index G300		Ø90x1000	Hittech Prontor GmbH
1 x Spinner PD		Ø100x120	Hittech Prontor GmbH
3 x Benzinger TNL		Ø100x100	Hittech Prontor GmbH
hitech	2 x CTX 800	Ø455x1000	Hittech Prontor GmbH
1 x Gildemeister CTX 400 / S2		Ø305x600 Doorlaat ø65	Hittech Landes
1 x Schaublin 110 CNC-R		Ø25x200	Hittech Landes
Conventional Turning		Range (D x L) mm	Location

1 x Weiler Ergodor/conv.	Ø170x500	Hittech Bihca B.V.	
1 x Schaublin 102 VM	Ø160x300	Hittech MPP B.V.	
1 x Schaublin 150 (conv)	Ø300x500	Hittech MPP B.V.	
1 x Schaublin 125	Ø240x500	Hittech Landes	
1 x Ursus 225	Ø270x1500	Hittech Landes	
CNC- Milling	Range (X x Y x Z) in mm	Location	Axes
3 x DMU 75 Monoblock	750x650x560 A-axis ±120° C-axis 360°	Hittech MPP B.V.	5
1 x DMU 65 with robot handling & 80 bar internal press.	735x650x560 A-axis ±120° C-axis 360°	Hittech Bihca B.V.	5
1 x DMU 65 Monoblock	750x650x560 A-as ±120° C-as 360°	Hittech MPP B.V.	5
1 x DMU 50 eVolution	500x450x400	Hittech MPP B.V.	5
1 x DMU 70 eVolution with robot / erowa pallet loading	750x600x520	Hittech Bihca B.V.	5
1 x DMU 60 eVolution with robot / erowa pallet loading	750x600x520	Hittech Bihca B.V.	5
1 x Hermle C800U	800x600x500	Hittech MPP B.V.	5
hitech 1 x DMU 65H mono, robot erowa pallet (73st.)	650x900x700	Hittech MPP B.V.	5
1x DMU 105 Monoblock	1135x1050x750	Hittech MPP B.V.	5
3 x DMU 100P DuoBlock (Pallet change)	1000x1250x1000	Hittech Bihca B.V.	5
1 x DMU 100P DuoBlock	1250x1000x800	Hittech MPP B.V.	5
1 x DMC100 U DuoBlock (Pallet change)	1250x1000x800	Hittech MPP B.V.	5
hitech 1 x DMU M1 (3-axis)	550x550x510	Hittech MPP B.V.	3
hitech 1 x Kern Micro Vario (Milling/Grinding combination)	350x220x250	Hittech Bihca B.V.	5
5 x Mori Seiki SH-500 (Pallet change)	500x500x600	Hittech Bihca B.V.	4
2 x Mori Seiki NHX5500	Ø800x1100	Hittech Bihca B.V.	4
2 x Haas VF3/VF3YT	1016x508x635 / 1016x660x635	Hittech Bihca B.V.	4
hitech 1x Haas VM-6	1626x813x762	Hittech MPP B.V.	3
1 x Mikron/Haas HCE 400P (Pallet change)	600x500x350	Hittech MPP B.V.	4
1 x Mikron VCP600 CNC	600x450x450	Hittech Bihca B.V.	3
2 x DMG CMX 70U	750x600x520	Hittech Bihca B.V.	5
6 x Haas VM6/VF6SS	1626x813x762	Hittech Bihca B.V.	3 - 4
1 x Haas UMC-750 with Fanuc robot	752x508x508	Hittech Bihca B.V.	5
1 x DMC 635 V eco	635x510x460	Hittech Bihca B.V.	3
1 x Mikron/ Haas VCE 1000	1000x500x400	Hittech MPP B.V.	3
1 x Mikron/ Haas VF3 Kawasaki Robotloader	1000x500x400	Hittech MPP B.V.	3
2 x Deckel DMC 100V	1000x700x500	Hittech MPP B.V.	3
1 x Fehlmann Picomax 60 , robot erowa pallet (50st.)	500x350x610	Hittech Bihca B.V.	3
1 x Hartford PRO 800	850x510x510	Hittech Wemac Sdn. Bhd.	3
1 x Dahlih MCV1020	1020x510x560	Hittech Wemac Sdn. Bhd.	3
1 x Dahlih MCV 860 with indexing rotary axis Ø170 mm	860x550x550	Hittech Wemac Sdn. Bhd.	3 + 1
1 x Hartford LG500	520x420x500	Hittech Wemac Sdn. Bhd.	3
1 x Hartford LG500 with indexing rotary axis Ø170 mm	520x420x500	Hittech Wemac Sdn. Bhd.	3 + 1
2 x Trident TR45E	450x300x300	Hittech Wemac Sdn. Bhd.	3
2 x Fanuc Robodrill α-D21LiB	700x400x330	Hittech Wemac Sdn. Bhd.	4
1 x Hartford LG800 with rotary axis Ø170 mm	800x510x630	Hittech Wemac Sdn. Bhd.	4
1 x Hartford MVP-11AD	1100x600x630	Hittech Wemac Sdn. Bhd.	3
hitech 4 x Hartford MVP-8AD with indexing rotary axis Ø170 mm	860x530x630	Hittech Wemac Sdn. Bhd.	4
1 x Mikron WF31C	500x500x400	Hittech MPP B.V.	3
hitech 2 x Stama MC726MT	520x400x360	Hittech Prontor GmbH	5
3 x Stama MC526M/MT	520x400x360	Hittech Prontor GmbH	5
1 x Matsuura MAM 72-63 V	760x845x610	Hittech Prontor GmbH	5
2 x Makino A55e	560x560x560	Hittech Prontor GmbH	4
2 x Makino A51nx	560x560x560	Hittech Prontor GmbH	4
2 x Mikron HPM 450 U	600x450x450	Hittech Prontor GmbH	5
3 x Mikron HSM 600 U	600x450x450	Hittech Prontor GmbH	5
1 x Mikron HSM 400 U	600x200x200	Hittech Prontor GmbH	5
1 x Mikron HSM 200 ULP	160x160x200	Hittech Prontor GmbH	5
1 x Haas VF 2	760x400x400	Hittech Prontor GmbH	4
hitech 3 x DMU 50 '3rd'	650x520x475	Hittech Prontor GmbH	5
1 x Chiron FZ 15W	550x400x360	Hittech Prontor GmbH	4
hitech 4 x Hermle C32 U / BMO Ti180 automatisering	650X650X500	Hittech Landes	5
1 x Willemin Macodel 508MT	450x200x425	Hittech Landes	8
1 x DMC 100U duoBlock / Fastems FPC 1150 automation	1000x1000x1000	Hittech Landes	5
hitech 1 x DMU 100P duoBlock / PHCell 2000 automation	1000x1250x1000	Hittech Landes	5
1 x DMU – 80 eVo / Cellro Round 2000-165 Advanced automation	800x650x550	Hittech Landes	5
1 x Mikron HPM1150U / System 3R WorkMaster Automation	1150x1000x895	Hittech Landes	5
2 x Hermle C40U / System 3R WorkMaster Automation	850x700x500	Hittech Landes	5
1 x Deckel FP4CC	600x500x500	Hittech Landes	3
hitech 3 x DMG MORI CMX 1100V	1100x560x510	Hittech Landes	3
1 x DMG-DMC 65V	650x500x500	Hittech Landes	3
1 x Hermle C600U	600x450x450	Hittech Landes	5
Conventional Milling	Range (X x Y x Z) in mm	Location	
1 x Deckel FP1	350x150x200	Hittech Landes	3
Wire - EDM	Range (X x Y x Z) in mm	Location	
1 x Agie Charmilles Robofil 2030 SI	300x200x250	Hittech Bihca B.V.	
1 x Agie Charmilles Robofil 2040 SI	600x400x150	Hittech Bihca B.V.	
1 x Agie Charmilles Robofil 4020	1050x650x250	Hittech Bihca B.V.	

	1 x Agie Charmilles Robofil 2030 TW	300x200x250	Hittech Bihca B.V.	
hitech	4 x Agie Charmilles Cut 2000S	350x250x256	Hittech Bihca B.V.	
	1 x Agie Charmilles Cut 2000X	350x250x256	Hittech Bihca B.V.	
	1 x Agie Charmilles Robofil 440 C	550x350x400	Hittech Bihca B.V.	
	1 x Agie Drill 20	300x200x300	Hittech Bihca B.V.	
hitech	2 x Agie Charmilles Cut P350	350x220x220	Hittech Prontor GmbH	
	2 x Agie Charmilles Cut P550	630x400x360	Hittech Prontor GmbH	
	Zinc - EDM	Range (X x Y x Z) in mm	Location	
	1 x CNC Agie Charmilles Roboform 35P	400x500x300	Hittech Bihca B.V.	
	1 x Exeron EDM 304	600x500x400	Hittech Bihca B.V.	
	CNC- Flat and Profile Grinding	Range (X x Y x Z) in mm	Location	
	1 x Jung L630F	630x360x280	Hittech Bihca B.V.	
	2 x Jung JF 520 DX (with Diaform)	600x200x300	Hittech Bihca B.V.	
	1 x Jung	500x200	Hittech Prontor GmbH	
	1 x Jung F50-2632	500x200	Hittech Landes	
	Drill / tap installations, Other	Range (X x Y x Z) in mm	Location	Axes
	1 x Picomax 50	500x250x200	Hittech MPP B.V.	3
	1 x Leakingtest (Ex-proof pressuretest machine)	600x500x400	Hittech MPP B.V.	
	1 x Sunnen BC 1804G		Hittech Landes	
	1 x Hurth KF32A		Hittech Landes	
	1 x JTC VT6 1350		Hittech Landes	
	1 x Ravensburg S250		Hittech Landes	
	1 x Amada CNC HFA 250 W	Ø250	Hittech Landes	
	1 x Bewo 315	Ø150	Hittech Landes	
	1 x Bauer 400V		Hittech Landes	
	1 x Zoller Redomatic 600		Hittech Landes	
	1 x Zoller Bravo 2		Hittech Landes	
	Laserwelding	Range (X x Y x Z) in mm	Location	Axes
	1 x Laserweldingmachine + circular machinetable	820x400x910	Hittech Bihca B.V.	4
	Surface treatments	Product sizes (X x Y x Z) mm	Location	
	1 x Rofin Sinar Lasermarker 8070 (Laser Engraving Text & Logos)	600x300	Hittech Bihca B.V.	
	1 x Buehral Cleaning (8 steps) Ultrasound tech.	Dimensions (LxWxH) / 10x320x600 ultrasonic classical / electric / mechanical	Hittech Bihca B.V.	
	1 x Zippel Rema k1 (degreasing SOAP)	1000x800x500	Hittech MPP B.V.	
	1 x Plasma Cleaning; Plasmatreteat CFG5001 with PFW10 nozzle		Hittech Bihca B.V.	
	1 x CAB LSG 100	120x120	Hittech Prontor GmbH	
	5 x Rösler mass finishing		Hittech Prontor GmbH	
	3 x Rotorfinish (mass finishing)	500x200x100	Hittech MPP B.V.	
	3 x Glass bead blasting	600x500x400	Hittech Prontor/ MPP/ Bihca	
	1 x Glass bead blasting machine		Hittech Prontor GmbH	
	1 x Laborex	300x400x400	Hittech Landes	
	1 x Walter Trowal CVE 125		Hittech Landes	
	1 x Walter Trowal TFM 120/91		Hittech Landes	
	Galvanic	Product sizes (X x Y x Z) mm	Location	
	Anodizing bath	1600x240x500	Hittech Prontor GmbH	
	Anodizing blank (bright/ matt)			
	Anodizing black (bright/ matt)			
	Mix bath	1300x240x500	Hittech Prontor GmbH	
	Anodizing blue matt			
	Aluminium conversionlayer (chrome 6 free)			
	Rvs material passivating			
	Hand bath	400x200x560	Hittech Prontor GmbH	
	Blue pickling			
	Plastic washing			
	Electric polishing			
	Wet painting	Product sizes (X x Y x Z) mm	Location	
	Wet painting	2200x1500	Hittech Prontor GmbH	
	Screen printing		Hittech Prontor GmbH	
hitech	1x Trotex lasergaveermachine	190x190	Hittech MPP B.V.	
	Assembling	Product sizes (X x Y x Z) mm	Location	
	Cleanroom ISO 7 incl. Grade 2 area(XCDA Druckluft)	1150 m2	Hittech Multin B.V.	
	Cleanroom ISO 7	100 m2	Hittech Multin B.V.	
hitech	3 x Cleanroom ISO 7 incl. Grade 1 area	20 m2 + 50m2 + 80m2	Hittech Bihca B.V.	
	Horizontal Air flow cabinet, ISO 4	1800x450x575	Hittech Wemac Sdn. Bhd.	
hitech	9x Laminar Flow Bench	1800x450x575	Hittech Multin B.V.	
	Curing Oven	800x600x500	Hittech Multin B.V.	
	Plasma cleaner	800x600x500	Hittech Multin B.V.	
	2 x Particle Counter	250x250x250	Hittech Multin B.V.	
	3 x Pfeiffer 340D Helium Leaktester	800x600x500	Hittech Multin B.V.	