

CAD/CAM for Production	Application	Location
Pro/ENGINEER	CAD 3D; STEP, Catia, Unigraphics compatible	Hittech MPP B.V.
EdgeCAM V9.5 + V10.0 (from Feb. 2006 -> 10.5)	CAM 2,5D; Turning, Milling	Various
PEPS V5.2	CAM 2D; Electrical discharge machining	Hittech Bihca B.V.
AutoCAD2002LT Mechanical 6, Mechanical Desktop	CAD 2D ; Sheet-metal work, Milling	Various

Quality control	Sizes and Tolerances	Location
Zeiss UC850	800x800x500	Hittech MPP B.V.
Zeiss UMM550	850x550x450	Hittech Bihca B.V.
	Inaccuracy of measurement 1D= 2 µm + L/300 with tracing measuring head 3D= 2,5 µm + L/250	
Zeiss Contura G2	1200x1000x600	Hittech Bihca B.V.
	Inaccuracy of measurement 3D= 1,9 + L/350	
Ferranti 750B	700x700x500	Hittech MPP B.V.
3D Optic CNC The Measures Measuring machine	220x150x100; 0.5 mu version	Hittech Bihca B.V.
	Inaccuracy of measurement 3D= 5 µm + L/150	
Novex triono-zoom Stereo-microscoop RZT-PL met CCD kleuren camera		Hittech Bihca B.V.

Aluminium Casting	Mould dimension	Location
Automatic moulding machine	700x550x300	Hittech Gieterij Nunspeet B.V.
Dimension pattern plate	900x700x400	Hittech Gieterij Nunspeet B.V.
Manual moulding and semi-automatic moulding machine	1000x1000x600	Hittech Gieterij Nunspeet B.V.

CNC Turning	Range (DxL) in mm	Location
1 x Okuma Space Turn LB300 MW sp vers.	370x500x36	Hittech Bihca B.V.
1 x Mazak Quick Turn Nexus 200 MS	380 x 575	Hittech Bihca B.V.
1 x Schaublin 180 CCN	60x500	Hittech Bihca B.V.
1 x Schaublin 110 CNN	110x300x25	Hittech Bihca B.V.
1 x Schaublin 125 CCN	125x300x25	Hittech Bihca B.V.
1 x Okuma LB15M	340x100	Hittech Bihca B.V.
2 x Mikron TCE 500 T	200x440	Hittech MPP B.V.
2 x Gildemeister CTX 400	260x640	Hittech MPP B.V.
1 x Gildemeister NEF CT40	260x640	Hittech MPP B.V.
1 x Montforts 600E	300x620	Hittech MPP B.V.
1 x Montforts RNC3	175x560	Hittech MPP B.V.
1 x Schaublin 110	250x400	Hittech MPP B.V.

Conventional Turning	Range (D x L) in mm	Location
1 x Weiler Ergodor/conv.	170x500	Hittech Bihca B.V.
2 x Schaublin 102 VM	160x300	Hittech MPP B.V.
1 x Schaublin 150 (conv)	300x500	Hittech MPP B.V.
1 x AL	160x350	Hittech MPP B.V.

CNC Milling	Range (X x Y x Z) in mm	Location	Assen
1 x Deckel Maho DMU 50 eVolution	500x420x380	Hittech MPP B.V.	5
1 x Deckel DMU50T (handbediende 4e+5e as)	500x400x400	Hittech MPP B.V.	3 (5)
1 x Hermle C800U	800x600x500	Hittech MPP B.V.	5
1x Deckel Maho DMC 75V	750x600x600	Hittech MPP B.V.	5
1 x Deckel Maho DMU 60P	600x700x600	Hittech Bihca B.V.	5
2 x Mori Seiki SH-500 (Draaitafel)	500x500x600	Hittech Bihca B.V.	4
1 x Werner TC500 (Palletwissel met B-as)	630x500x630	Hittech MPP B.V.	4
1 x Mikron/Haas HCE 400P (Palletwissel)	600x500x350	Hittech MPP B.V.	4
1 x Mikron/Haas VCE 1000	1000x500x400	Hittech MPP B.V.	3
1 x Mikron/Haas VCE500 CNC met 4e as	1000x500x400	Hittech Bihca B.V.	4
3 x Mikron/ Haas VCE 1000 met 4e as	1000x500x400	Hittech Bihca B.V.	3 en 4
1 x Mikron/ Haas VF3	1000x500x400	Hittech MPP B.V.	3
2 x Mikron VCP600 CNC	600x450x450	Hittech Bihca B.V.	3
1 x Deckel DMC70V	700x550x450	Hittech MPP B.V.	3
1 x Deckel DMC 100V	1000x700x500	Hittech MPP B.V.	3

1 x Deckel FP3 (Rondtafel)	400x400x315	Hittech MPP B.V.	4
1 x Mikron WF21 C	400x400x400	Hittech MPP B.V.	3
1 x Mikron WF31C	500x500x400	Hittech MPP B.V.	2
1 x Enshu (Palletwissel)	400x300x300	Hittech Bihca B.V.	3
1 x Mikron/ Haas VCE 750	750x500x400	Hittech Bihca B.V.	3
1 x Sigma VC1000	1000x520x550	Hittech Gieterij Nunspeet B.V.	3
1 x Deckel DC70V	700x550x500	Hittech Bihca B.V.	3
1 x DMC 635 V eco	635x510x460	Hittech Bihca B.V.	3

<b>Electrical discharge machining</b>	<b>Range (X x Y x Z) in mm</b>	<b>Location</b>	
1 x Charmilles Robofil 2030SI	300x200x250	Hittech Bihca B.V.	
1 x Charmilles Robofil 2020SI	300x200x250	Hittech Bihca B.V.	
1 x Sodick A535	550x350x300	Hittech Bihca B.V.	
Sodic startgatenvonker	300x200x300	Hittech Bihca B.V.	

<b>Spark-erosion cavity machining</b>	<b>Range (X x Y x Z) in mm</b>	<b>Location</b>	
1 x CNC Charmilles Roboform 35P	400x500x300	Hittech Bihca B.V.	

<b>CNC Surface and profile grinding</b>	<b>Range (X x Y x Z) in mm</b>	<b>Location</b>	
1 x Jung JP 800	max. 800x500x500 mm	Hittech Bihca B.V.	
1 x Jung L630F	630x360x280	Hittech Bihca B.V.	

<b>Surface and profile grinding</b>	<b>Range (X x Y x Z) in mm</b>	<b>Location</b>	
1 x Jung JF 520 DX (with Diaform)	600x200x300	Hittech Bihca B.V.	

<b>Coordinate grinding</b>	<b>Range (X x Y x Z) in mm</b>	<b>Location</b>	
1 x Hauser S3 max.	400x250x450	Hittech Bihca B.V.	

<b>Drilling/tapping installations, Others</b>	<b>Range (X x Y x Z) in mm</b>	<b>Location</b>	<b>Assen</b>
1 X Picomax 50	500x250x200	Hittech MPP B.V.	3
1 x Picomax 100	990x420x600	Hittech MPP B.V.	3
2x Leak detection (Ex-proof druktest machine)	600x500x400	Hittech MPP B.V.	-

<b>Surface treatments</b>	<b>Product sizes (X x Y x Z) in mm</b>	<b>Location</b>	
1 x Roesler (tumbler)		Hittech Bihca B.V.	
2 x Rotorfinish (Tumbler)	500x200x100	Hittech MPP B.V.	
3 x Glass bead blasting	600x500x400	Various	
1 x Buehral Cleaning line (8 stages) ultrasonic technology	dimensions (lxbxh): 710x320x660 cleaning/pickling/passivation	ultrasonic Hittech Bihca B.V.	
1 x Zippel Rema K1 (soap degreasing)	1000x800x500	Hittech MPP B.V.	
2 x Wet coating systems; MIL, EMC, Optical coatings	1000x800x500	Hittech MPP B.V.	
1 x Rofin Sinar Lasermarker 8070 (Laser engraving texts & logos)	600x300	Hittech Bihca B.V.	