

## Manufacturing Equipment List

### **CNC machining centres:**

MAKINO V56-A25  
Mori Seiki MH-40  
Mori Seiki SH-40  
Mori Seiki SV 50 B, table 1100 x 600, 5 axis, 20.000 RPM (4 pcs)  
Mori Seiki M 300 L, table 3200 x 540  
Matsuura MAXIA V-Plus 800, 5 axis, 20.000 RPM (2 pcs)  
Matsuura H-Plus 405,6 pallet, 20.000 RPM  
Matsuura MAM 72-35, 32 pallet, 5 axis, 15.000 RPM (2 pcs)  
Kitamura Mycenter CNC  
Toyoda Mitsui FH550S (2 pcs)  
Toyoda Mitsui FH500SX with Fastems Linearpool 32 pallet  
Hermle U630T, table 875x500 CNC

### **Automatic CNC Lathes:**

AL - 2 with bar feeder  
Mazak Multiplex 6200Y with feeding robot and bar feeder (twin spindle)  
Mori Seiki NL 1500 with bar feeder  
Mori Seiki SL 150 with bar feeder  
Mori Seiki NL 2000 robot with bar feeder  
Mori Seiki DL 151Y robot with bar feeder (twin spindle)  
TAKISAWA TCY 200 with feeding robot and bar feeder (twin spindle)

### **Inspection equipment:**

ZEISS CNC-coordinate-measuring-machine PRISMO Vast 12/24/10  
ZEISS CNC-Koordinatenmessgerät CONTURA G2 Navigator  
Rank Taylor Hobson, surface and shape measuring device  
Form Talysurf Series 120 mm "S4C"

### **Presetters:**

Zoller Smile

### **Saw automat:**

FORTE SBA 3618 S-CNC

### **Taper mills:**

Sinn  
Maho MH 300P  
Schaublin 22 (2 pcs)  
Holke F-10

### **Drills:**

Aciera with 2 spindles (3 pcs)  
Ixon 15 (3 pcs)  
Ixon 23

### **Turning lathes:**

Schaublin 125  
Schaublin 102 (3 pcs)

### **Surface grinder:**

Micromaster 510

### **Sand blaster:**

RÖSLER TYP STD 1400  
RAGA Compact 1 I  
RAGA KITCAB

### **Lapping machine:**

Stähli FLM 750

### **Honing machine:**

Pemamo MDR 140EH,  $\varnothing$  2- 50 mm

### **Spherical grinder:**

Microfinish-Thielenhaus KF50 FI-Me/AW

### **Tumbling machine:**

Tauss TTV 145

### **Electrical discharge machine:**

Hansvedt EDN SM 150 B

### **Laser marking machine:**

Baublys Control Laser CF 20 IP / NC 30