

Machine / Equipment List



Axxicon Moulds Eindhoven B.V.



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Milling:

Yasda YMC430 version II 600 x 400 x 390
DMU 50 500 X 450 X 400
Deckel 200 X 500 X 150

Turning:

Okuma LB15 Ø 350 X 550
Okuma LB300 Ø 350 X 550
AI Ø 250 X 500

Surface Grinding

1x Blöhm Precimat 300 X 600 X 200
1x Jung JF500 680 X 340 X 230
1x G & N lapslijpen Ø 400 X 150

Circular Grinding

1x Studer S30 Lean Pro Ø 350 X 1000
1x Studer S31 Lean CNC Ø 350 X 600
1x Studer S30-1 Ø 350 X 600
1x Studer S30-1 Ø 250 X 600

Polishing

4 X profile polishing
1 X Lapmaster Ø 350 X 300
10 X Stähli Ø 350 X 300
1 X Stähli Ø 150 X 100
1 X Lapmaster 12 Ø 150 X 100

Moulding centre

1x Netstal Synergy 1200
1x Sumitomo SD30 (incl. take out robot)
1x Sumitomo SD40ER (incl. take out robot)
1x Toyo ST50 DiscPro-S (incl. take out robot)
1x Netstal Discjet (incl. take out robot)
1x Emould S2000 (Fanuc 50IA, incl. take out robot)
1x Meiki MDM 1 (incl. take out robot)

Optical Media measuring equipment

Dr. Schenk PROMeteus MT 146
Dr. Schenk PROMeteus MT 200
Dr. Schenk DA 1 Deviation Analyzer
Dr. Swab Argus
AudioDev Eta GT
AudioDev CD Cats SA3 Advanced CDR
Koch Optical disc quality control system CS-4.2/DSA and CS-4.2/MF
Stress viewer

Quality Assurance

2x Zeiss Prismo Super ACC VAST 700 X 900 X 500
Software Calypso and HoloS
Measure uncertainty
 $U_{95} = (1.0 + L/350) \mu\text{m L/mm}$

1x Optical Measuring 200 X 100
Mahr MM320
0.7x – 4.5x

2x Surface profile / roughness
Marh Perthometer PCV / PGK

1x Concentricity and cylindricity
Mahr Formtester MMQ44

4x Height measuring
Trimos M300MA

1x Atomic Force Microscope
PSIA XE 150
Measurable sample size 150 x 150 x 20 and up to 500g.

1x Surface Profiler
Tencor P-12

1x Optic Microscope
Carl Zeiss Neophot 30
Magnification 2000x

1x Surface flatness
Interferometer

Hardness
1x Vickers Gnehm Swissrock 180
1x Rockwell Reicheter

Cleaning

1x Brandson Ultrasonic

3D CAD system

Autodesk Inventor 2016
Solidworks 2015
Autodesk Vault

ERP System

ISAH Expert from Quotation > Delivery