

 **milltech** GMBH
cnc | extrem

Just in Time

solutions

for the highest demands



innovation - extrem

Demanding and safe: on the ground and in the air

With the highest technical solution and implementation expertise, we are the right partner in **plant construction, vehicle construction, mechanical engineering, energy technology and aviation**. We offer an optimum of quality, price and delivery service.

Aerospace is the synonym for the latest technologies, highest precision and perfection as well as highest quality standards.

As a clear commitment, in 2014 we have committed ourselves to the strictest standards with the **certification according to the quality management system AS/EN 9100:2009**. Complex CNC turning and CNC milling parts as well as highly safety-relevant components therefore belong to our parts portfolio for well-known aerospace customers.



Competent partner from the prototype to the series

From the first product idea to the start of production:

Confront us with your idea, we help you with our know-how to develop production-oriented solutions: from the support with the material determination, creation and testing of surface patterns, design to manufacturing, creation of 3D models for existing 2D drawings up to Processing simulations.

Serial production of complex CNC turning and milling parts

We offer a **wide range** of machining of CNC milling and turning parts at the highest technical level. Through our **unique automation concept**, we are your strong partner for **just-in-time production** of standard components in annual quantities of **10 to 10,000 pieces**.



■ supply chain - extrem

Supply chain management

We take over all processes from raw material procurement to surface finishing. Even complex over-regional material procurement is no problem for us. With regard to surface refinement, we work with a powerful network of partner companies to produce your optimal surface.

Individual logistics solutions

Transports, paths, stocks - we help you avoid costly detours and develop **resource-optimized, individual logistics solutions** for you: Kanban connection, delivery of assembly-ready complete sets, development of specific container concepts, preassembled assemblies, contract handling, consignment stock delivery, connection to customer-specific supplier portals and much more.



machine list (as of 2016)

Milling shop:

Hermle C20: 5-Axis milling center, 120 tool magazine – HSK63, 600 x 450 x 450mm with robot loading

Hermle C30: 5-Axis milling center, 180 tool magazine – HSK63, 650 x 500 x 500mm with robot loading

DMG DMC 65 H: 4-Axis horizontal milling center, 180 tool magazine – HSK63, 700 x 700 x 700mm docked to linear storage

DMG DMC 65 H: 4-Axis horizontal milling center, 180 tool magazine – HSK63, 700 x 700 x 700mm docked to linear storage

DMG DMC 65 H: 4-Axis horizontal milling center, 180 tool magazine – HSK63, 700 x 700 x 700mm docked to linear storage

DMG DMU 80 P: 5-Axis milling center, 183 tool magazine – HSK63, 800 x 1.050 x 850mm with robot loading

DMG DMU 125 U: 5-Axis milling center, 180 tool magazine – HSK100, 1.250 x 1.000 x 1.000mm docked to linear storage

Turning shop:

Emco 345: with driven tools and bar loaders. Rod diameter 45mm, feeding parts 150mm

Emco 365: with driven tools and bar loaders. Rod diameter 65mm, feeding parts 250mm

Emco Maxxturn 65: Counter spindle, Y axis, with driven tools and bar loaders. Rod diameter 65mm, feeding parts 250mm

DMG GMX 250 linear: 9-Axis, 50 tool magazine, counter spindle. Rod diameter 90mm, feeding parts 500mm

EMAG VSC7: Pickup turning machine und feeding magazine, feeding parts 400mm

NEW from March 2017: Mazak INTEGREX i300s: advanced multi-tasking machine, 72 tool magazine, counter spindle, Rod diameter 80mm, feeding parts 400mm

Quality assurance:

Mitutoyo Crysta APEX S: coordinate measuring machine, measuring range 900x1.600x800mm

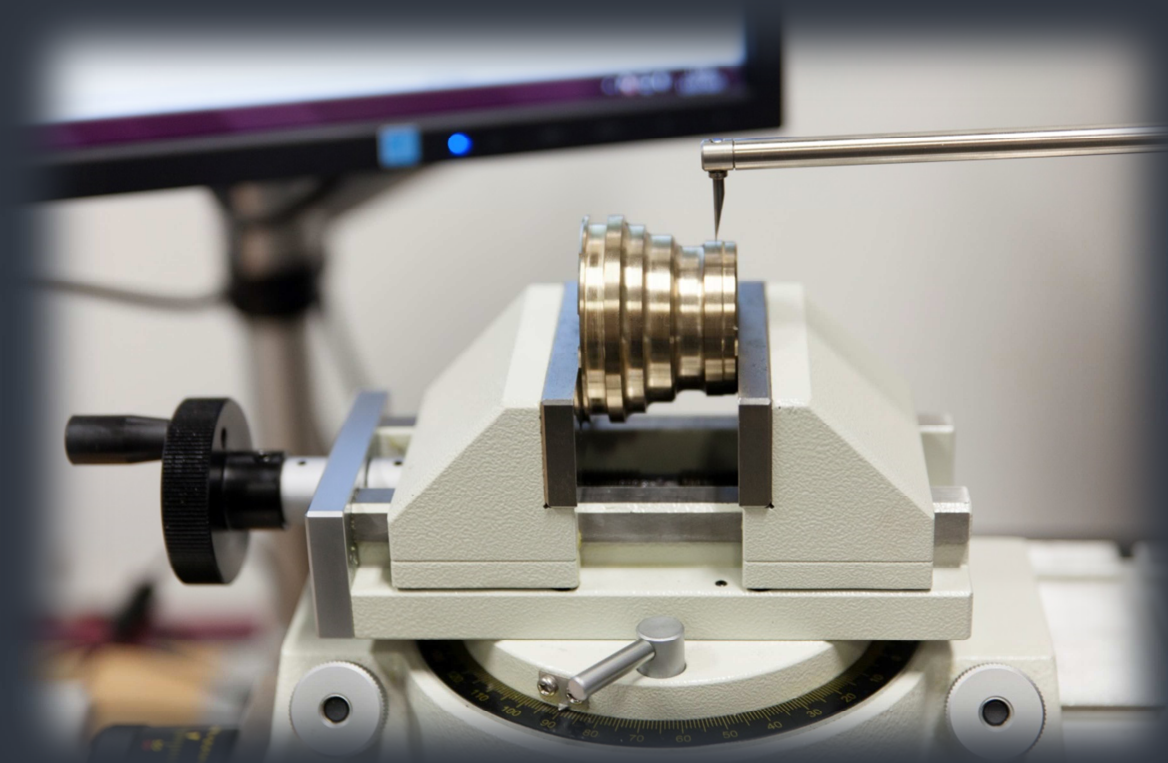
Metzler Etalon Derby 454: coordinate measuring machine, measuring range 400x500x400mm

Mitutoyo Contracer CV-3200: contour measuring system

Mitutoyo Surface SJ-410: surface measuring system

Mitutoyo Surface SJ-420: surface measuring system

Babtec: CAQ System



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