Komet Medical.
Precision tools for surgical use.
Bird's eye view of the company site in Lemgo, 2013

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The products made by our company bear the trade name “Komet”. The family-run enterprise looks back on 90 years of tradition. During this time, the company made history by developing products that set standards in innovation.

Komet employs approximately 1,000 staff at its site in Lemgo and more than 1,200 people worldwide.

With over 1,000 production units and a shop floor of more than 40,000 m² (400,000 sq. ft.), Komet is one of the largest companies in its sector.

The core competence of Komet Medical is the development and production of powered precision tools for use in surgical power systems.

Our vast range comprises saw blades, burs, cutters, craniotomes, twist drills and diamond abrasives as well as Shaver Blades. We offer products for the following medical disciplines:

- Orthopedics/Traumatology
- ENT and neurosurgery
- Oral and maxillo-facial surgery
- Arthroscopy

The instruments are compatible with all commonly used power systems, such as Aesculap, Linvatec, Arthrex, Stryker, DeSoutter, Zimmer, Dyonics and many more*.

With Komet Medical, you can save money without making concessions on quality and safety. Quite the opposite – we offer everything you need from a competent single source.
It is the philosophy of Komet Medical to concentrate on our core competences and to optimally launch our products on the market. This requires know-how and investments in all new relevant production technologies, but also in new methods such as CAD/CAM, SPC, process validation and clean room packaging. This is reflected in our quality philosophy: “Quality derives from traceable facts that lead to reproducible quality”. In everything we do, we always put the safety of the patients first.

With this in mind, we provide products that are made to the highest standard. Each instrument bears the CE mark CE197 and is subjected to a conformity assessment procedure in compliance with the directive 93/42/EEC and the stipulations of the standard DIN EN ISO 13485. That’s not all - our products are also registered with the FDA (USA), the PAL (Japan) and other relevant Registration Authorities. All our products are subject to a risk analysis according to DIN EN ISO 14971. This ensures the compatibility of our replacement tools.

Additionally, Komet Medical offers for all reusable instruments a validated reprocessing method according to DIN EN ISO 17644. This service offers considerable cost-saving potential. See the following pages for more information.
Orthopedics/Traumatology

We offer one of the most comprehensive ranges of saw blades for the sectors orthopedics and traumatology - compatible with all commonly used power systems. The hospital can choose between two sterile packed knee saw blades, i.e. EZ or KMS blades, or opt for our line of non-sterile EVO blades. We have a complete range of standard saw blades for small and large bone surgery available from stock, in either sterile or non-sterile packaging.

**EZ blades**
- Even, precise cuts
- The thickness of the material is ideally adapted to all commonly used saw templates
- Available for all popular power systems

**KMS blades**
- Comprehensive range of ground knee saw blades
- 10 blades per box
- Sterile packed
- Single-use

**KM blades**
Wide range of saw blades with offset made by Komet Medical comprising saw blades perfectly adapted to
- All power systems
- Any application
- Any preference

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**Specially ground toothing**
The saw blade owes its excellent cutting efficiency to its specially ground teeth. Due to the clever design of the teeth, only their tips come in contact with the bone, thus reducing the resistance to penetration into the bone.

**Recessed area for reduced friction**
Thanks to its raised and recessed surfaces, the contact area between saw blade and template is smaller, thus reducing the risk of metal abrasion and heat generation – without loss of stability.
Instruments for percutaneous foot surgery
Our foot instruments were specially developed for minimally invasive foot surgery – an approach with growing popularity all over the world. Komet Medical provides a comprehensive product range including:
- Wedge,
- Shannon and
- Brophy cutters.

Twist drills
Our line of twist drills for use in orthopedics and traumatology comprises instruments with diameters between 1.1 and 6.0 mm and a total length ranging from 60 to 225 mm. The instruments are suitable for AO quick couplings and Jacobs chucks. Customized designs are available on request, subject to feasibility. Please contact us at www.kometmedical.de.

GENIUS Shaver Blades
Our reusable GENIUS Shaver Blades are a cost-effective alternative to traditional disposable Shaver Blades. They are compatible with Arthrex, Linvatec, Dyonics and Aesculap hand-pieces. The Shaver Blades can be reprocessed according to a validated reprocessing procedure.
High and low speed
Rotary instruments
Komet Medical offers rotary instruments for many different hand-pieces and power systems.
Our range includes:
- Round burs made of stainless steel and tungsten carbide
- Diamond abrasives
- Cylindrical abrasives for special applications such as cochlear implantations

High-performance craniotomes for use in neurosurgery are also included in our range. To facilitate their use, our catalog and packaging label specify exactly which attachments our instruments are compatible with. Again, sterile packed instruments are available on request. Our rotary instruments are normally reusable and delivered in a non-sterile condition.
Oral and maxillo-facial surgery

Steel, tungsten carbide and diamond instruments

Our product line for oral and maxillo-facial surgery comprises the following rotary instruments:

- Round burs
- Fissure cutters
- Lindemann cutters

What’s more, Komet Medical provides a selection of saw blades for the most commonly used power systems.
Komet Medical’s website contains a wealth of useful information on our products, such as:
- Catalogues
- Product flyers for each application
- Instructions for use
- Packaging information
- Validated reprocessing instructions
- Answers to the most frequently asked questions
- Contact details of the members of the Komet Medical team and much more…

Visit our online platform and find out about all the different options offered by Komet Medical.