德国利美特金属加工技术集团
（原德国蓝帆金属加工技术集团）
The Company

LMT Tools combines the competences of leading specialists in the field of precision tool technology. This pooled expertise enables LMT Tools to develop and deliver tool solutions world-wide for processing materials ranging from high-strength steel to composite materials.

More than 1,200 employees and a network of specialized partners enable the company to offer its customers worldwide a comprehensive range of tools, cutting materials and services for the most diverse cutting and non-cutting applications as well as various services in the fields of tool reconditioning and tool management.

LMT Tools is based in Oberkirchen, Germany. The company group encompasses the manufacturing companies LMT Bein, LMT Fette, LMT Kieninger and LMT Onsrud, production and service facilities and a globally operating sales organization.

LMT Bein is based in Lavancia, France, and specializes on precision tools for the machining of plastics, light metals and composite materials. LMT Bein has been part of the Group since 2001 and together with LMT Onsrud forms the Group’s competence center for the machining of composites.

LMT Fette is based in Schwarzenbek near Hamburg, Germany, and is one of the world’s leading manufacturers of precision milling tools, gear holes, thread rolling systems and taps. LMT Fette was a founding member of LMT when it was established in 1993 and is the Group’s competence center for applications in fields of milling and thread cutting and rolling.

LMT Kieninger has established a global reputation as a specialist manufacturer of specialized tools for challenging machining applications. As a competence center for die and mould making and component machining, the automobile and automotive supplier industries are a key area.

LMT Onsrud specializes in tools for the high-speed machining of aluminium, plastics and composite materials. LMT Onsrud and LMT Bein together form the competence center for the machining of composites within the Group.

In the company’s introduction:

- The company’s headquarters are located in China near Shanghai, with a comprehensive range of products and services covering precision tool technology.
- The company is a leading manufacturer of precision milling tools, gear holes, thread rolling systems, and taps.
- The company offers a comprehensive range of tools, cutting materials, and services for diverse cutting and non-cutting applications.
- The company has more than 1,200 employees and a network of specialized partners.
- The company’s group includes manufacturing companies such as LMT Bein, LMT Fette, LMT Kieninger, and LMT Onsrud, production and service facilities, and a globally operating sales organization.
- The company has a competence center for the machining of composites in Lavancia, France.
- The company has a competence center for applications in milling and thread cutting in Schwarzenbek, Germany.
- The company has a competence center for die and mould making and component machining in Oberkirchen, Germany.
- The company has a competence center for the machining of composites within the Group.
The Company

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LMT Feitl is based in Schwarzenbek near Hamburg, Germany, and is one of the world’s leading manufacturers of precision milling tools, gear hob, thread rolling systems and taps. LMT Feitl was a founding member of LMT when it was established in 1993 and is the group’s competence center for applications in the fields of milling and thread cutting and rolling.

LMT Kieninger has established a global reputation as a specialist manufacturer of specialized tools for challenging machining applications. As a competence center for die and mould making and component machining, the automobile and automotive supplier industries are a key area.

LMT Onsrud specializes in tools for the high-speed machining of aluminium, plastics and composite materials. LMT Onsrud and LMT Bein together form the competence center for the machining of composites within the group.
BELIN
Belin(贝林)
法国高性能刀具专家
Specializes in high-performance carbide reamers (PCD and CBN) as well as grooving mills and solid carbide end milling cutters for aluminium alloys and plastics.

FETTE
FETTE(菲特)
德国重型切削专家
Specializes in the development of precision milling and hobbing tools as well as thread rolling systems and thread tapping. Its product range also includes special tools for drilling, milling, reaming and gear cutting operations.

Kieninger
Kieninger(肯宁格)
德国特种切削专家
Develops special cutting systems for complex drilling processing and special milling systems in automotive industry. An additional major area of activity is tools for die and mould making.

ONSRUD
Onsrud(奥恩路德)
美国航空业专家
Specializes in the development of end-milling cutters for the high-speed processing of aluminium, plastics and composite materials in the aerospace industry.
BELIN
Belin(贝林)
French high-performance tooling expert
Specializes in high-performance carbide reamers (PCD and CBN) as well as grooving mills and solid carbide end milling cutters for aluminium alloys and plastics.

FETTE
Fette(菲特)
German heavy-duty machining expert
Specializes in the development of precision milling and hobbing tools as well as thread rolling systems and thread tapping. Its product range also includes special tools for drilling, milling, reaming and gear cutting operations.

KIE NINGER
Klingenberger(基恩格)
German special tooling expert
Develops special cutting systems for complex drilling processing and special milling systems in the automotive industry. An additional area of activity is tools for die and mould making.

ONS RUD
Onsrud(奥斯隆)
American aerospace expert
Specializes in the development of end-milling cutters for the high-speed processing of aluminium, plastics and composite materials in the aerospace industry.
**Milling**

A large range of different types are in our program. HSS-E, PM, solid carbide, indexable inserts and PCD and CBN tools. End-mills, form milling cutter, face milling cutter and special milling tools.

**Indexable inserts**

For standardized and factory’s milling cutter systems and special forms carbide, uncoated, PVD or CVD-coated, or with PCD or CBN.

**Feeds-Jet**

The newly developed FEED-Jet multiple tooth - milling cutter system from KIENINGER (LMT) opens up new face milling perspectives for the ever more stringent demands of machining systems. It completes the existing 10, 20 and 30 cutter systems and its larger number of teeth offers an excellent opportunity for increased portability of operation.

**Mould and die industry and plastics machining**

Mould and die industry

High feed roughing cutters, copying milling cutters, face milling cutters, ball-end mills, toric cutters, PCD/PCBN end mills/milling cutters, solid carbide end mills, indexable inserts, HSCline, cylindrical and conical.

From 0.2mm to 500mm is available.

Plastics machining

PCD end mills, drilling and milling tools, face milling cutters, solid carbide and HSS end mills.
铣削

我们的项目中包括不同类型的广泛应用范围。
HSS-E, PM, 硬质合金, 可转位刀片和PCD/CBN刀具。立铣刀, 成形铣刀, 面铣刀和非标铣刀。

可转位刀片
用于标准化和工厂所用的铣刀系列以及非标形状, 非涂层的、带PVD和CVD涂层的硬质合金刀片, 或者PCD或CBN的刀片。

新型高速钢铣刀
由LMT-Kieninger公司开发的Feed-Jet新型面铣系统，展示出了一种全新的面铣理念，满足更高的加工要求，它丰富了现有的1D, 2D, 3D面铣系统，多齿数的设计，显著提高了铣削效率。

铣削

Milling

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模具体制造业和塑料加工

Mould and die industry and plastics machining

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从0.2mm到500mm的可提供。

塑料加工
PCD立铣刀, 钻铣刀具, 面铣刀, 硬质合金和富士钢立铣刀。

Mould and die industry and plastics machining

Mould and die industry
High feed roughing cutters, copying milling cutters, face milling cutters, Ball-end mills, toric cutters, PCD/CBN end mills, indexable inserts, HSCline, cylindrical and conical.

From 0.2mm to 500mm is available.

Plastics machining
PCD end mills, drilling and milling tools, face milling cutters, solid carbide and HSS end mills.
**Gear Cutting Tools**

Fette is one of the leading companies for gear cutting tools. A complete range of the following tools can be offered in highest quality.

- HSS and solid carbide hobs
- HSS heavy duty roughing hobs
- Carbide skiving hobs
- Indexable carbide inserts gear milling cutters
- Indexable carbide inserts hobs
- Indexable carbide inserts rotor milling cutters

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Our range of products and services is based on our extensive experience of the development and use of cutting materials and tools - and not only in projects for our customers. The outcome is a unique combination of production and tool expertise in the cutting technology field. At EMO2011, SpeedCore honoured the excellent product title from MM MaschinenMarket magazine in the tools category.
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**Threading**

*Internal Threading tools*

Taps, Solid carbide taps, forming taps, thread milling cutters with all thread types, dimensions, geometry for wet and dry machining or minimal quantity lubrication.

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**Drilling**

*Drilling tools*

With indexable inserts, solid carbide, HSS, subland drills, with PCD and CBN-tipped, countersinks, special tools.

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**External Threading**

*Rolleing system*

Fette is the leader in Thread Rolling systems. Fette Thread Rolling Systems produce external Threads of all types and other profiles with the first class Precision, by cold forming in a matter of seconds. Axial, tangential and radial systems are available.

**Pre working for external Threads**

With our bar peeling heads and chamfering tools you will find the most effusion way for your production.
**External Threading**

**Rolling system**
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**Pre working for external Threads**
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High-performance reamers and boring system

High-performance reamers
With indexable inserts from carbide, PCD

Mounting tools systems
For example: precision cartridges, boring bars

PN: Pendulum holders

Finish-Bore boring tools
Precision boring systems

Production and Service

Reconditioning Service
1. Shank tools (Tap end mills, Drill bits, Reamers, Shell cutters, Indexable machine clip-on tools - Special tools etc.)
2. Hobs
3. PCD/CBN tools

Coating Service: have the world’s advanced coating technology with equipment
1. Nano-coating
2. High adhesion
3. Special coating for taps

Production
1. For standard or special solid carbide tools.
2. For standard or special PCD tools.

Our strength
Our product has obtained the TUV authentication of Germany. Regularly training and more than half of employees attended our overseas factory training programme. The performance team with our leading world technology will provide you our best service at any time.

Manufacture and Service

Production
1. For standard or special solid carbide tools.
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PN- Pendulum holders
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We offer our customers comprehensive tool solutions for all essential cutting and chipless metalworking processes. Used in the right way, they can improve the performance of all manufacturing processes—not only in large mass production plants, but also in small and medium-sized businesses. 

In these years, we not only focus on our product improvement, but also pay attention to our employees’ cultivation. We believe the performance teams will create more values to you in the future.
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