



Miksch GmbH • Reutlinger Str. 5 • 73037 Göppingen • Germany
Tel. +49-(0)7161/6724-0 • Fax +49-(0)7161/14429
E-Mail: miksch@miksch.de • www.miksch.de

*Cams
Cam gears
Tool-changing systems*



Company info

In industry circles, the MIKSCH name is synonymous with “asymmetric motion”.

A large number of cam drives used all around the world are made by MIKSCH in Göppingen, Germany. During its founding years, the company focused on the calculation and production of simple cams. This formed the basis for today’s extensive series program in the cam and gear technology sectors, together with tool-changing systems.

Over 1,000 different drive designs reflect the diversity and depth of the MIKSCH portfolio. Across Europe, some 300 people work daily on the manufacture and optimisation of MIKSCH products, which are recognised and put to use all over the world.

MIKSCH uses specialist teams to plan, calculate, design and manufacture customised products in all regular and special forms. Thus, each individual customer order is a unique challenge. Consequently, MIKSCH not only produces cam gears and tool-changing systems, but also creates complete functional units for performing automated industrial tasks.

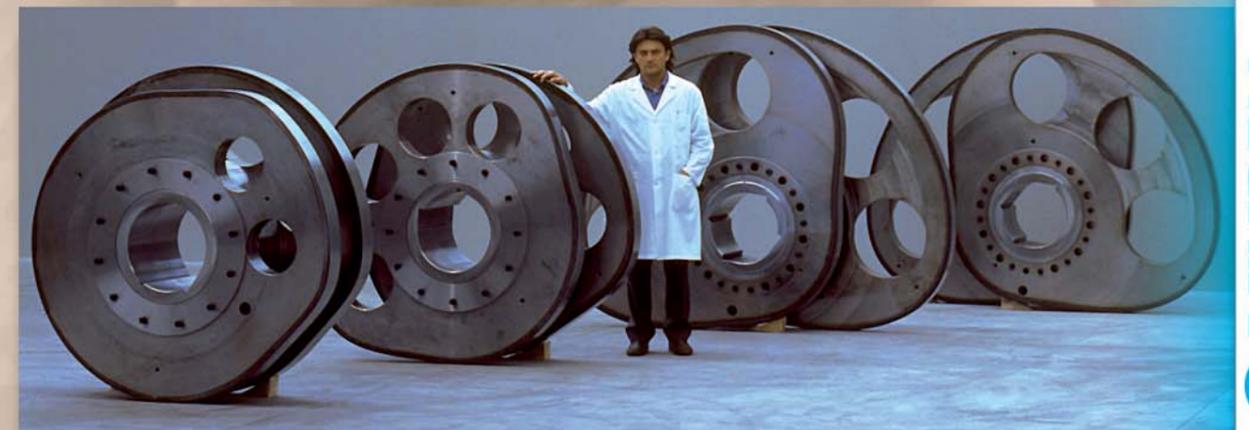


Cams

When MIKSCH cams are used, virtually any motion can be generated. These cams form an important part of textile machines, packaging equipment, printing presses, presses and assembly machines, to name but a few.

MIKSCH is able to calculate and then manufacture all types of cams used in mechanical engineering for its customers. The company’s portfolio includes radial cams up to a diameter of 2,500 mm, cylindrical cams up to \varnothing 1,200 mm, globoidal cams with an axial distance of up to 800 mm and transport shafts up to \varnothing 500 mm.

All cams can be ground on request.



Cam gears

Building on familiar cam gear shapes, MIKSCH has developed a range of drive series that facilitate a wealth of motional tasks.

MIKSCH accelerates

Stepping motions

Motions that rotate step by step in one direction.

Cam gears, rotary index tables



Oscillating motions

To-and-fro rotational motions.

Oscillating drives



Cam gears

Pick & place motions

Motion sequences that can be described as follows: "Pick – transport – place".

Handling units



Linear motions

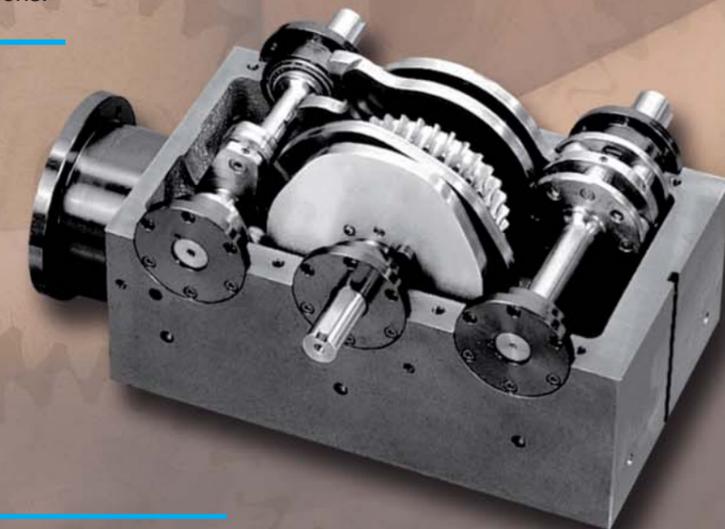
Horizontal and vertical direction of motion.



Combined motions

Multiple stepping / oscillating motions.

Tandem drives



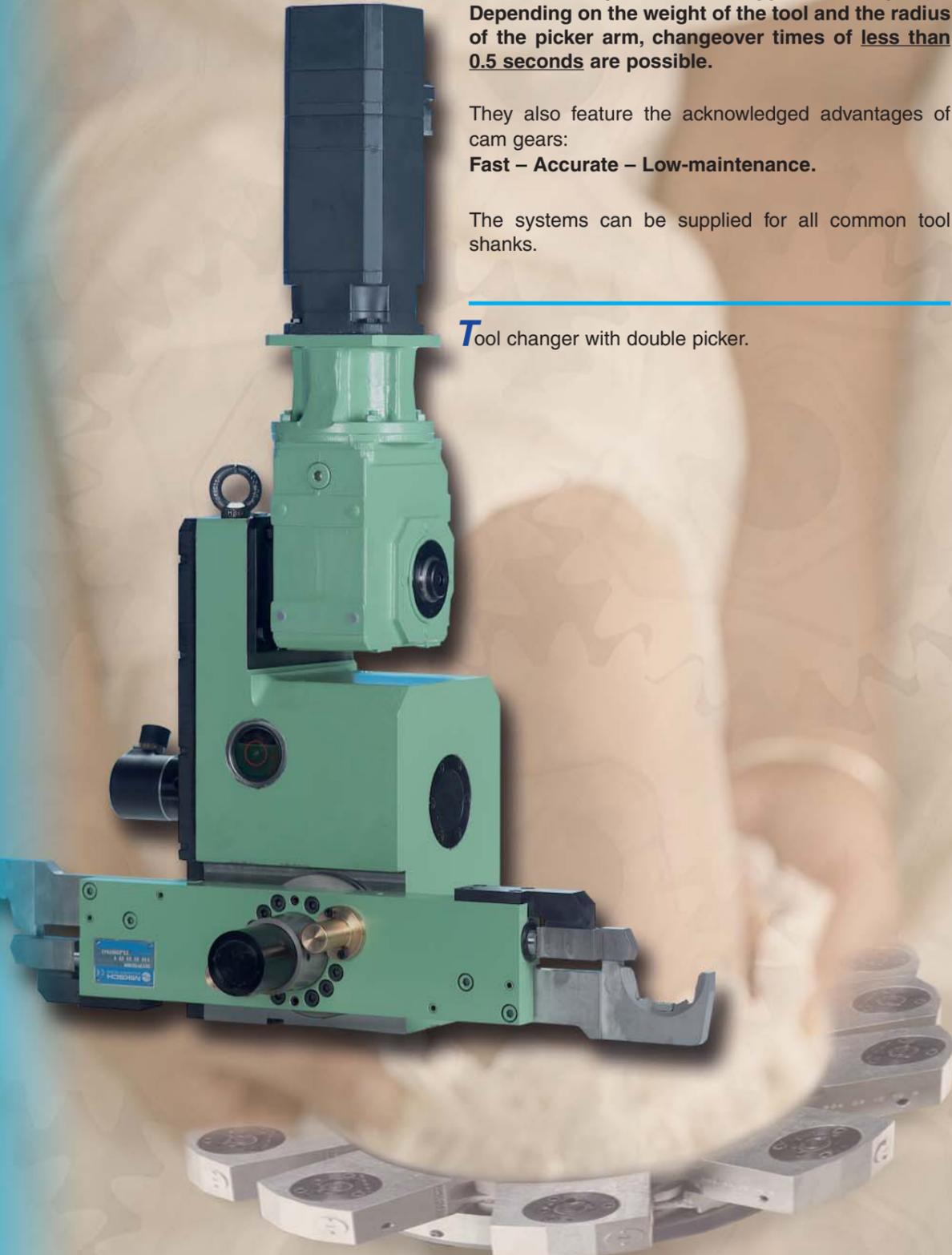
Tool-changers

MIKSCH supplies cam-driven tool changers and tool-changing systems for metal-cutting machinery. These carry out all movements required for changing tools in a mechanically synchronised way. MIKSCH tool changers are suitable for installation in horizontal and vertical machines as well as installation adjacent to and opposite the spindle. Depending on the weight of the tool and the radius of the picker arm, changeover times of less than 0.5 seconds are possible.

They also feature the acknowledged advantages of cam gears:
Fast – Accurate – Low-maintenance.

The systems can be supplied for all common tool shanks.

Tool changer with double picker.



Magazines

Disc magazine with or without tool changer.



Chain magazine with or without tool changer.

