REMA –

The ultimate efficiency increase
for your machining centre

INDUSTRY AWARD 2010
QUALIFIED

Cams
Cam gears
Tool-changing systems

MIKSCH accelerates

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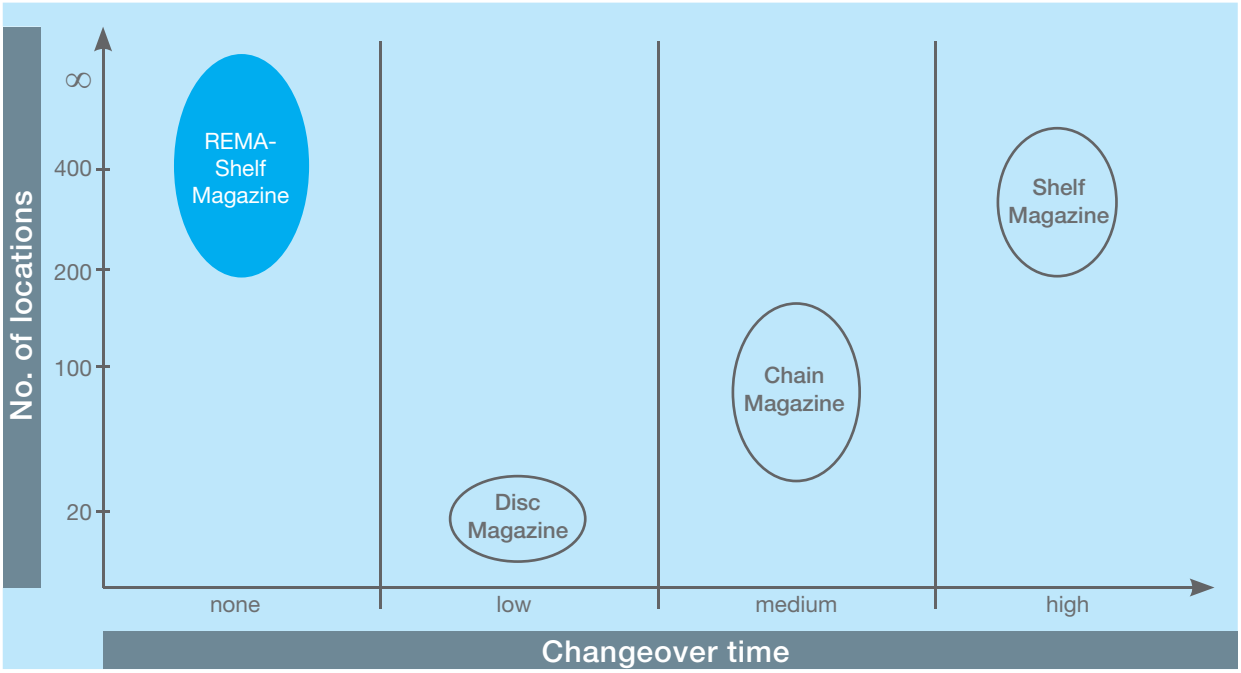
REMA –

Minimum conversion times and maximum flexibility!

REMA can hold many tool locations and due to its mobile magazine design reduces conversion times to a minimum or even eliminates them completely.



Your advantages at a glance:

Increase in productivity
- Drastic reduction or complete elimination of standstill and conversation times.
- Delay-free tool exchange on the machine thanks to the buffer magazine.
- Intelligent magazine organisation, e.g. drawer for worn tools.

Unique flexibility
- It is no longer necessary to set fixed magazine sizes on the machine.
- Can be easily expanded as required by the use of a mobile tool container.
- Tools can be variably attached to different machines.

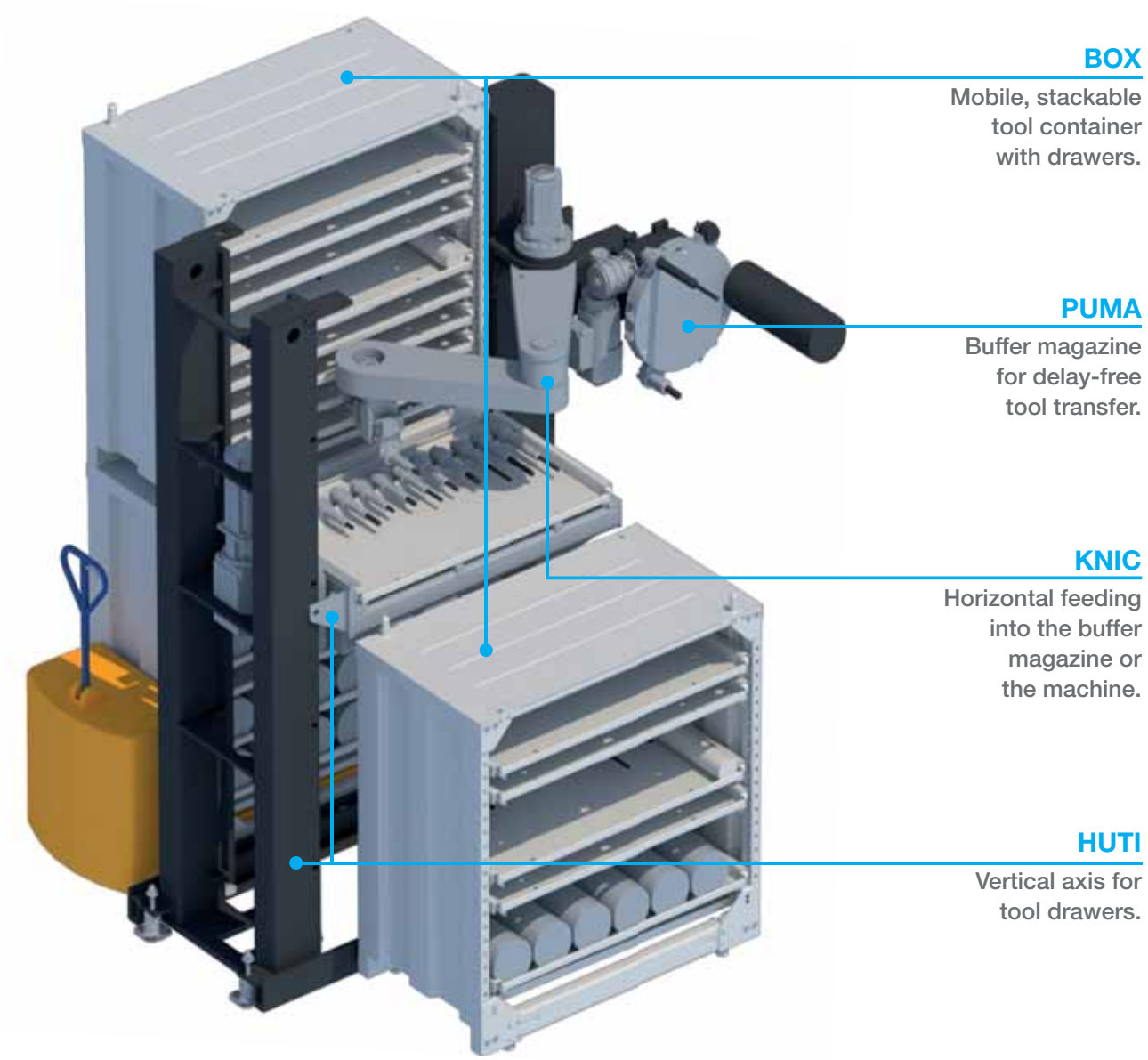
Reduction of costs
- The worldslargest tool pack thicknesses.
- Economic and easy construction.
- Maximum productivity per square metre of machine area.

REMA –

Special features and functionality

All tools are, for example, sorted according to tool sets and stored in mobile containers (BOX). By decoupling the magazine and machine, the magazine can be changed while the machine is in operation without interruption! A handling mechanism (KNIC) brings the individual tools from the magazine to an optional buffer magazine (PUMA), before they are transferred without delay by the tool changer to the machine.

Components of the REMA system



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Technical data

Tool locations per container small / large	max. 108* / 252*
Dimensions of the container small / large	approx. 1200 x 800 x 1200* / 2400* mm
Tool supports	HSK, SK, Capto (others on request)
Tool weight	max. 15 kg* (max. 72 kg)
Tool diameter standard / oversize	80 mm* / 160 mm* (max. 500 mm)
Tool length	max. 500 mm* (max. 700 mm)
Tool changing time	< 1 s
Tool ready time	< 2 s
Magazine (container) changing time	< 2 min

* The data refers to REMA standard designs with HSK-A63 .

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