Energy and Environmental Initiative

Time savings

- Increase of machine running times by optimising tool change time
- Reduction of machine time per piece
  ➔ Machine works altogether more efficiently
- Reduction of ancillary times through short tool provisioning time

Intelligent standby concepts

- Position is uniquely identified at all times through absolute encoders
- No energy needed for horizontal magazines in standby mode
- Only little energy needed with vertical magazines for holding force with one-sided loading

Without hydraulics

- No hydraulic units required
- No hydraulic leaks

Low drive power

- Reduced energy demand
- Use of energy-saving motors
- Low start-up power

Minimisation of friction

- Minimisation of sliding friction
- Use of plastic rollers

Weight-optimised

- Choice of low-weight materials

Low-maintenance

Choice of environmentally friendly materials

- Use of materials such as aluminium, castings, etc.
- Environmentally responsible manufacturing
- Recyclable materials
- Durable
- Low-wear
  (No or minimum spare parts requirements)

Tool-changing systems

Modules of automation

MIKSCH accelerates

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