



RM 40 K

AUTOMATIC PUNCHING AND BENDING MACHINE

Perfect integration of proven Bihler technology and state-of-the-art innovative engineering

The latest Bihler RM 40K automatic punching and bending machine combines the advantages of our successful RM-series with today's innovative Bihler technologies for more capacity, flexibility, profitability and higher product quality. This is made possible by the RM 40K's compatibility with the tools of the RM 35, RM 40 and RM 40E, optimized work processes and the new user friendly Bihler control system VariControl VC1-E. The machine's open and easily accessible layout allows all Bihler key technologies such as welding, tapping, bolting, assembly

and many more to be integrated easily and efficiently into your manufacturing concept. The larger center aperture in the work-plate for more flexible central mandrel movements also affords additional integration possibilities from the rear of the machine. Tool and cam conversion times are significantly reduced thanks to innovative Bihler rapid-exchange systems. A powerful two-point eccentric press with ample space for longer die sets rounds off the impressive mix of advantages.

RM 40K – an investment that pays!

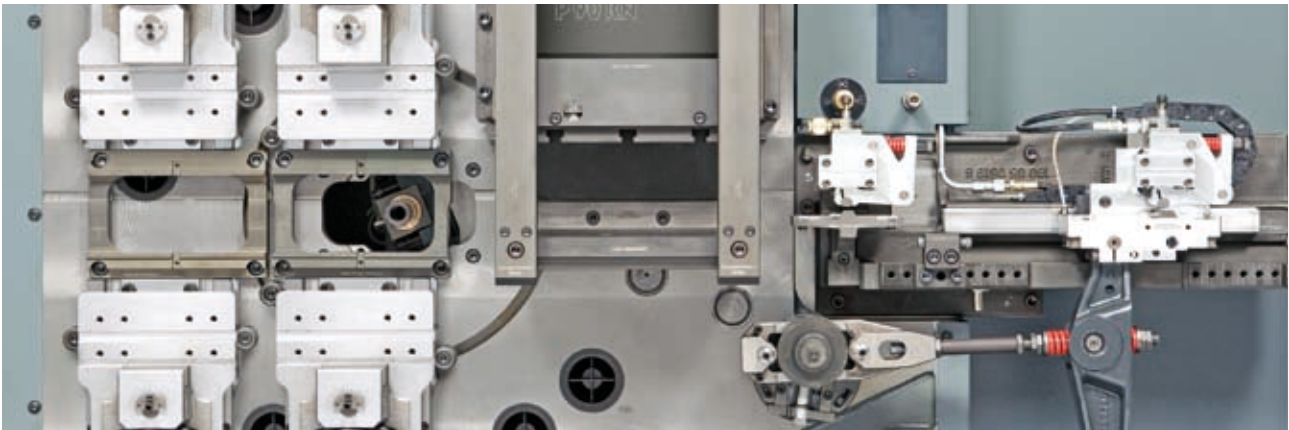
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Advantages at a glance:

- Enormous increase in performance through optimized work processes
- Compatibility with RM 35, RM 40 and RM 40E tools
- Eccentric press with large mounting area for longer die sets
- Integrated control cabinet enables compact design
- New user friendly VC1-E control with 15" touch screen
- Integrated operator and noise protection
- Larger central work plate aperture for more flexible central mandrel movements
- New rapid tool exchange system
- Innovative cam system
- Excellent value for money

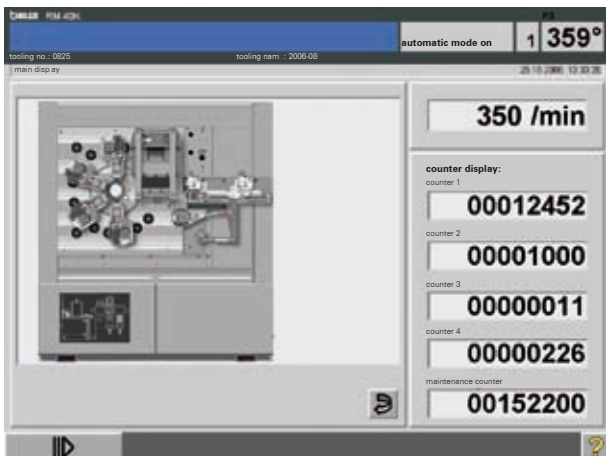
Standard accessories:

- Infinitely variable drive; 5.5 kW nominal drive output
- 4 normal slide units (max. stroke 40 mm; max. nominal load 60 kN)
- Two-point eccentric press: Nominal load 90 kN, stroke 12 mm; mounting space for die set up to 320 mm (length) and 170 mm (width)
- Central mandrel: positive pull or positive push (max. stroke 45 mm; max. nominal load 20 kN)
- Pneumatic system
- Central oil lubrication system
- Material feed length up to a maximum of 240 mm
 - Feed time reduction
 - Feed gripper and non-return gripper with hydraulic clamping
- Four high-precision leveling mounts



Control system:

New Bihler VC1-E control system with 15" touch-display and intuitive operator programming menu



(subject to change without notice 02/07)

Technical data:

- Maximum machine speed: 350 1/min
- Material trailing edge: 80 mm in front of machine work plate
- Machine weight: 2,000 kg subject to level of equipment (tooling excluded)
- Machine dimensions: width 2,020 mm x depth 1,330 mm x height 2,030 mm

Complete package:

Machine with noise and operator protection
+ 9t two-point eccentric press unit + 4 forming units
+ central mandrel + VC1-E control with touch screen