

PRECISION. POWER. PERFORMANCE - REDEFINED.



INTRODUCING THE ALL-NEW PLANOMAT XM 408 BY BLOHM JUNG

WHY PLANOMAT XM 408

Engineered for today's most demanding surface and profile grinding applications, the PLANOMAT XM 408 delivers uncompromising accuracy, superior surface finish, and maximum productivity. Designed with BLOHM JUNG's renowned German craftsmanship, this new-generation grinding solution sets a new benchmark in precision machining.

Built for High-Performance Grinding

The PLANOMAT XM 408 combines robust construction with intelligent control technology to meet the evolving needs of aerospace, automotive, tool & die, and precision manufacturing industries.

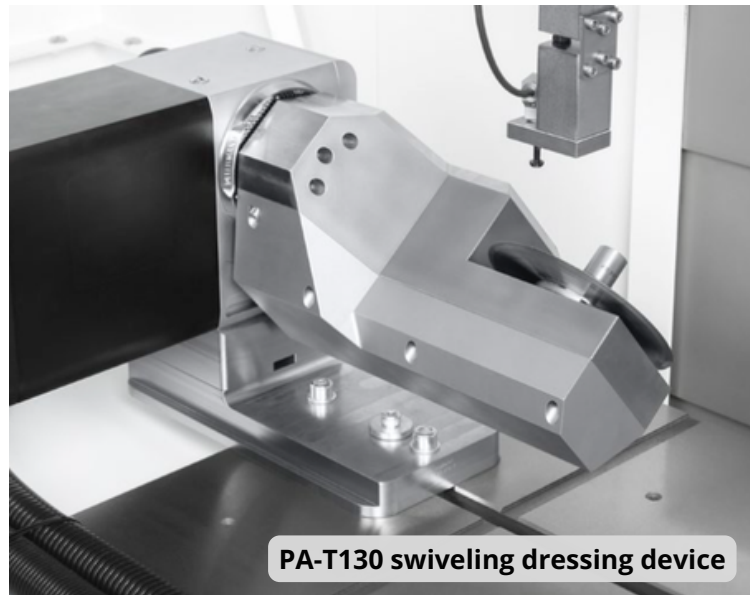
Key Advantages:

- ✓ Exceptional surface quality and geometric accuracy
- ✓ Optimized thermal stability for consistent results
- ✓ Advanced CNC control for intuitive operation
- ✓ High-efficiency grinding cycles for increased throughput
- ✓ Compact footprint with maximum workspace utilization

Smart Technology. Seamless Operation.

Equipped with state-of-the-art control integration, the XM 408 allows operators to program complex profiles with ease while maintaining the highest repeatability standards.

- User-friendly interface
- Automated dressing cycles
- Customizable grinding strategies
- Real-time process monitoring
- Industry 4.0 connectivity ready



PA-T130 swiveling dressing device

Engineered for Reliability

Built on a rigid machine base and precision guide systems, the PLANOMAT XM 408 ensures long-term durability and stable machining performance — even under heavy-duty production conditions. BLOHM JUNG's legacy of innovation and quality assurance ensures that your investment delivers consistent productivity year after year.

Ideal Applications

- Precision mold & die manufacturing
- Aerospace components
- Automotive tooling
- High-precision industrial components

HOW WE CAN HELP YOU SOLVE PROBLEMS

Problem	PLANOMAT XM 408 Feature / Capability	How It Helps Solve It
Long setup times / multiple changeovers	Large grinding area with flexible table configuration; quick-change workholding systems; automatic wheel changing (optional).	Reduces setup and re-clamping time; enables multiple operations in fewer setups; increases spindle uptime.
Maintaining ultra-high precision on large workpieces	Thermally stable machine base; high-precision guideways; integrated in-process measurement (optional).	Maintains geometric accuracy over long grinding cycles; compensates for deviations; ensures consistent surface finish.
Thermal drift and vibration affecting surface quality	Rigid cast iron machine construction; optimized damping design; temperature management system.	Minimizes thermal distortion; suppresses vibration and chatter; ensures stable machining conditions.
Complex profiles and demanding contour grinding	Advanced CNC control with profile and creep-feed grinding capability; programmable dressing cycles.	Enables precise contour generation; improves repeatability; reduces manual intervention.
Operator programming complexity	Intuitive HMI and modern CNC interface; pre-programmed grinding cycles; user-guided setup menus.	Simplifies operation; shortens training time; reduces programming errors.
Low throughput / slow cycle times on harder materials	8 kW grinding spindle with high torque stability	Enables aggressive grinding parameters; consistent performance in demanding applications; improved productivity per shift.
Large footprint concerns in production environments	Optimized machine layout with compact design for its grinding capacity.	Maximizes floor space efficiency while maintaining large working envelope.

THE PLANOMAT XM 408 IS MORE THAN A MACHINE — IT'S A COMMITMENT TO MANUFACTURING EXCELLENCE.



☎ **Contact us today to discuss your requirements:**

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