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## KBN 135 Series - Large Part Production Machine Tools

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Hyundai WIA's KBN 135 Series heavy duty boring machines are designed to handle large diameter cutting and deep hole boring applications. "High rigidity, high precision and high torque are key elements needed for successful manufacturing of components for the energy industry. Hyundai WIA's KBN 135 and KBN 135C are designed to handle large, heavy duty part production," said a company spokesperson.

The KBN series machines are standard with 2,295 ft-lbs of torque (optional 2,712 ft-lbs.), ideal for cutting large parts with ease and precision. For heavy cutting applications, the KBN series is available with a 3-step gear spindle drive running at 2,500 RPM. To



KBN135C

cover a large variety of applications, Hyundai WIA has standard the KBN 135 with a moving table and the KBN 135C that is equipped with a Z-axis moving column. Benefits of the moving column horizontal include the increased rigidity and reduced heat generation.

With a quick tool change time on the KBN 135C of 33.2 seconds' chip-to-chip (70 sec. on KBN 135), the KBN series reduces idle time and improves productivity, making it an option for large, high-precision machining applications. A high degree of production flexibility is achieved with the KBN series by offering a 60-tool magazine as standard (120 tool optional). Maximum tool length on the KBN 135 and 135C is 23.6".



KBN135

Key Series Highlights:

- 3-step gear drive main spindle for heavy duty cutting
- Equipped with standard linear scale and rotary scale for ultra-precision
- Optimal boring processing with W-axis maximum travel of 27.6" (700 mm)
- Precise cutting with 2,295 ft-lbs of torque
- Heavy duty processing with box guideways
- Large application cutting with table size of 78.7" x 70.9".