



SKU : 470556

TRIAL MACHINE

Without CE mark, only for export to countries outside the EU

ZXB Series drill presses are the right choice for any workshop, from maintenance to finishing. These robust drill presses are equipped with a user-friendly control display. The spindle speed is infinitely variable, and the quill feed features a rugged manual transmission. The setup table can be positioned on Y axis and X axis and features motorized vertical movement. These drill presses are ideal tools for single parts and small batch production.

- Automatic feed with manual transmission
- Infinitely variable speed control
- Motorized table height adjustment
- Work table traverses on 2 axes and features a position indicator

TECHNICAL SPECS

WORKING AREA

Drilling capacity	50 mm
Tapping capacity, steel	M 27
Table set up area	800 mm x 280 mm
Quill stroke	200 mm
Powered table travel	500 mm
Column diameter	160 mm
Spindle nose-to-table surface distance	500 mm
Spindle nose-to-foot distance	1165 mm
Throat	380 mm
Travel X-axis	450 mm
Travel Y-axis	280 mm

MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	1.25 m x 1.23 m x 2.42 m
Weight	850 kg

HEADSTOCK

Speed range	52 1/min - 2050 1/min
Spindle mount	MK 4
Swivel range	45 deg

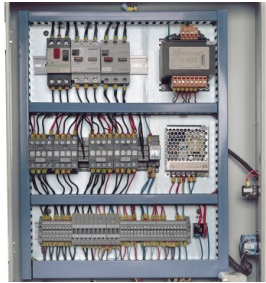
FEED

Quill feeds	0.1 mm/R - 0.4 mm/R
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DRIVE CAPACITY

Motor rating main drive	3 kW
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PRODUCT DETAILS



A rigid compound sliding table ensures precise positioning of hole patterns and drill patterns

Machine Frame

- Ideal for drilling, countersinking, reaming and tapping
- Very rigid construction with thick-walled column and large throat
- Base, column, table and gear head are made of premium high-quality cast iron
- The compound sliding table features a large setup area and allows high precision coordinate drilling
- Table guideways with taper gibs for precise positioning on X axis and Y axis
- Maximum positioning accuracy is made possible by a fully mounted 2-axis position indicator with linear scales
- Table height adjustment via a powerful motorized drive
- The auxiliary gears for the main spindle drive run in an oil bath for maximum reliability and minimum wear
- The automatic quill feed is controlled through an electromagnetic connection, without using power
- A hand-wheel is provided for micro-feed positioning
- The rugged LED work light with splash guard is bright, energy-efficient, and glare-free
- All machines in this series include a thread cutting function as standard equipment
- A central lubrication system delivers lubricant to the table guideways
- An integrated coolant system is included

Reliable operating concept

- The current speed is shown on a display, and all functions are arranged centrally on a robust keyboard
- An electromagnetic depth stop halts automatic feed with greater accuracy and no mechanical stress
- Measuring units for input and display can be selected by the operator (mm or inch)

2 axis position indicator

- More accuracy
- Lower error rate
- Increased productivity
- Resulting in valuable time savings
- For increased productivity
- Easy to read display
- Operator-specific features
- Convenient keyboard layout
- Default coordinates

Standard Equipment

- Thread cutter
- Compound Sliding Tables
- Protective shield
- LED work lights
- Coolant system
- Position Indicator
- Motorized table height adjustment

Sample product

- Only for markets outside the EU. Fully tested and fully functional machine, no warranty, but includes a 6-month warranty on replacement parts (wear parts excluded)
- For the EU market, we offer a wide portfolio of drill presses. Please visit our website for detailed information
- If you have questions regarding a product or sales limitations, please contact our sales experts



KNUTH on YouTube

Information to the point

On our YouTube channel you can find videos for nearly all machines from our program. We show the machines from current deliveries and you get an impression of the handling, the processing quality and the machining performance.

**Are you interested in a machine for which you cannot find a current video?
Please feel free to contact us!**