



SKU : 470616

TRIAL MACHINE

The machine is tested and fully functional and comes with a 12-month warranty

ZXB Series drill presses are the right choice for any workshop, from maintenance to finishing. These rugged drill presses feature a touchscreen control panel display that also provides user support for selecting the right operating parameters. 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 for custom and small-series machining, and especially for maintenance of large equipment in the steel and industrial construction sector.

- Touchscreen control panel with extra functions
- Automatic feed with manual transmission
- Motorized table height adjustment
- Work table traverses on 3 axes and

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)	1.26 m x 1.23 m x 2.27 m
Weight	850 kg

HEADSTOCK

Speed range	55-348/348-2200 1/min
Spindle mount	MK 4
Swivel range	45 deg

FEED

Quill feeds	0.08 mm/R - 0.5 mm/R
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DRIVE CAPACITY

Motor rating main drive	3 kW
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Motorized work table height adjustment



Large work area

PRODUCT DETAILS

- 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 entire drill head swivels $\pm 45^\circ$ to either side
- 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
- For manual operation, the desired drill depth can be selected at the capstan handle
- 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 and operating tools complement the machine's all encompassing standard equipment

Modern operating concept with rugged touchscreen display

- The 8" touchscreen features a rugged, resistant surface
- Operation is intuitive and requires no programming knowledge
- The current speed is displayed on the touchscreen and can be adjusted infinitely variable
- The control system assists the operator in selecting the correct machining technology values
- The suitable spindle speed and feed can be preset depending on the drill diameter and material
- An electronic 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)
- The coolant system is built into the machine stand and is also activated on the touchscreen
- The built-in operating hour counter aids in monitoring service intervals and cost calculation
- Easy handling of the machine ensures effortless operation in a production environment and increases productivity

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
- Touchscreen
- Protective shield
- LED work lights
- Coolant system
- Reduction Sleeve MT 4/2
- Reduction Sleeve MT 4/3
- Reduction Sleeve MT 3/1
- Drill chuck and tool-holder bits
- Operating tools
- Operation manual



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!**