



Column Drilling Machines **ZWB4035A**



SKU : 470554

TRIAL MACHINE

This drill press is the right choice for any workshop, and ideal all applications from repair work to production. This bench-type drill press features powerful drives and robust gears for spindle speed and feed.

- Compact design with base
- Automatic drill feed
- Thread cutting function
- Integrated coolant system



TECHNICAL SPECS

WORKING AREA

Drilling capacity	35 mm
Tapping capacity (max.)	M 22
Table set up area	370 mm x 360 mm
Spindle nose-to-table surface distance	655 mm
Throat	320 mm
Column diameter	120 mm
Quill stroke	155 mm
Drill head travel	550 mm

HEADSTOCK

Speed range	65-460,460-3250 1/min
Spindle mount	4 MT

FEED

Quill feeds	0.1,0.2,0.3 mm/R
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DRIVE CAPACITY

Motor rating main drive	1.5 kW
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MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	0.81 m x 0.46 m x 1.64 m
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PRODUCT DETAILS



Machine Frame

- Compact and rigid design with high drilling power
- The drill head height can be manually adjusted via a rack-and-pinion gear drive and tilted 45° to either side
- Parallel arranged T-slots offer a wide variety of clamping possibilities



Drill head

- A 2-step motor and a precision-stepped spindle gear drive allow for a wide rpm range with high torque
- High-quality electric components ensure high reliability and safety in every-day workshop operations
- The current spindle speed is shown on a digital display on the machine control panel
- The 3-step feed gear is integrated in the drill head and runs in an oil bath for low maintenance
- The automatic quill feed features an electromagnetic clutch for smooth and comfortable shifting
- The entire quill stroke can be easily read at a large scale on the drill head, and the drill depth can be limited in the automatic feed via an integrated depth stop
- After reaching the desired drill depth, the feed will automatically shut off, and the quill will be returned to its zero position via spring force
- If the user selected the thread cutting function, this stop will also set the desired thread depth
- Upon reaching the set position, the machine will automatically reverse spindle rotation
- The LED work lamp is bright, long lasting, and provides optimum lighting for increased operator safety
- For quick tool changing, the drill press features a spindle drive with an ejection function within the quill that requires no tools



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

The machine base with integrated storage space has a small footprint



The coolant pump is integrated in the machine base

Standard Equipment

- Thread cutter
- Protective shield
- LED work lights
- Coolant system
- Base

