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Automated CNC Drill Center – ZENDRILL – from BAZUS

This new automatic **ZENDRILL** CNC drilling and milling center, from BAZUS, is a great example of what can be built from BAZUS slides and components. Based on field-proven BAZUS design, this automated drill center integrates the requirements of world class manufacturing, today. The **ZENDRILL** confirms with latest operator safety standards, work-area cleanliness requirements, and the quest for higher accuracies. Of which, the consequences are enhanced manufacturing qualities for better performing and more reliable end products. Besides this, the environmental benefits are obvious. A compact, robust, and reliable design with most modern control features in particular for easy use, and simple programming, either at the machine or off-line.

Maintenance free, AC motor and drive technology in x-, y-, and z-axis, supplies fast, quiet and precise axis movement. With an axis travel of

- 700mm / 27.56" in X-axis, horizontal across,
- 400mm / 15.75" in Y-axis, horizontal in and out, and
- 300mm / 11.81" in Z-axis, vertical.

The large work area enclosure offers the capacity to drill even bigger work pieces.

The main spindle motor is continuous duty rated at 4 kW / 5.36 Hp and with 6,000rpm spindle speed, it allows the use of modern cutting tools and besides drilling, boring and tapping it has capacity for light milling operations.

The **ZENDRILL** features the new easy to use KINEMATIC BAZUS CNC control with touch-screen controls. It is simple to learn, even for personnel without prior CNC or programming experience. In addition off-line programming is offered by using an average desktop PC, with the BAZUS low cost software package installed and a set of programming functions that makes sense. A simple data transfer link makes it an ideal drill center for any manufacturing shop. In addition, it offers the possibility for linear and circular interpolation and thus extends the application possibilities.

The automatic centers of BAZUS have great functionality, can be tailored to your needs, are versatile, easy to use, and are flexible to incorporate many operations, while increasing the user's ability to get the work done, quickly and productive.

For further information, please contact Metal Cutting Solutions, Inc. in North America, or BAZUS in Europe.



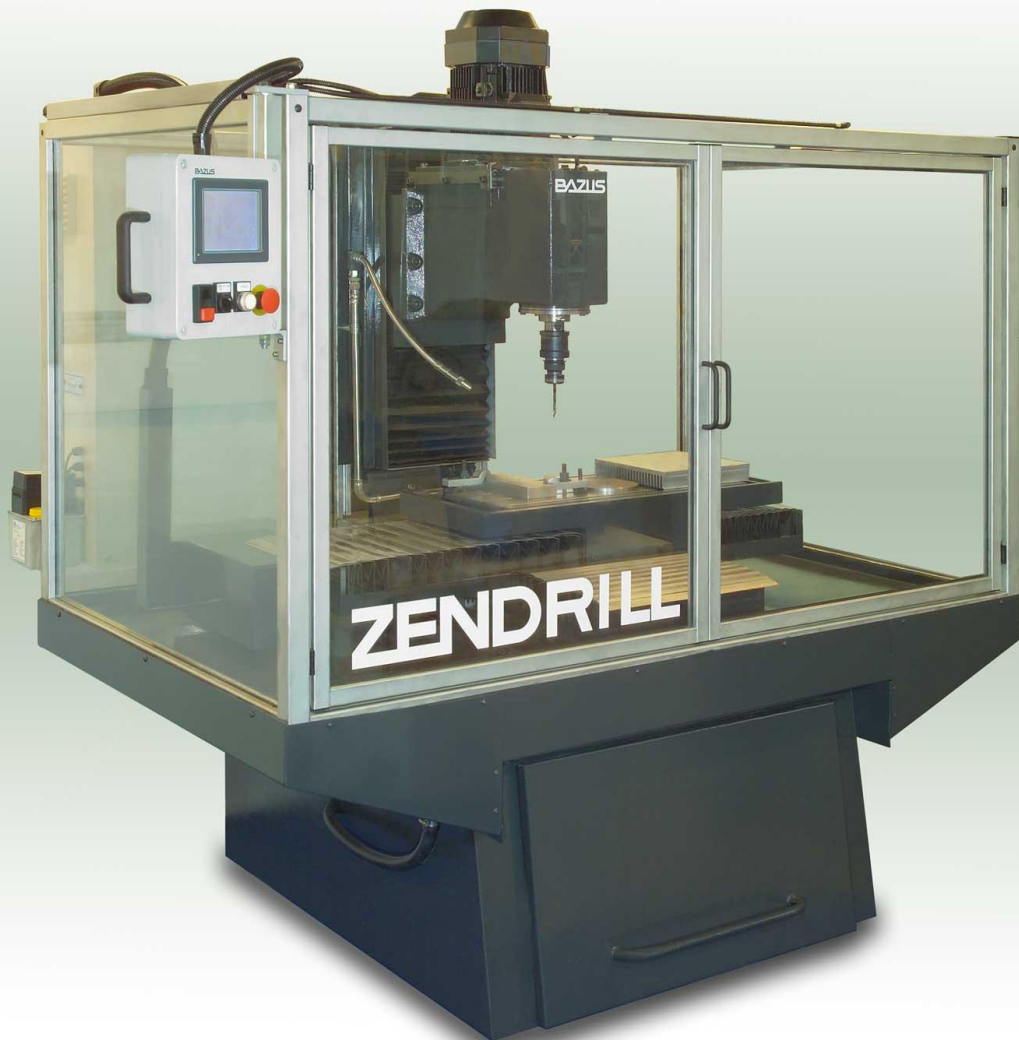
*Metal Cutting
Solutions Inc*



Vertical automatic unit (drilling)



XY slide unit



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