

bavius Centri universali 5 assi a portale e tavola mobile UBZ®



Centri modulari verticali a tavola mobile per pezzi fino a 12x2 metri.

2 linee di diversa struttura (SD e HD) e configurazione (guide, azionamenti, mandrini) a seconda dei materiali da lavorare (alluminio, acciaio, titanio).

-Lunghezza tavola da 2,5 a 12,5mt

-Larghezza tavola da 1 a 2mt

-Velocità avanzamento fino a 40mt/min su SD e fino a 60mt/min su HD

Dati elettromandrino:

-SD 187kW/30.000giri/min / 600Nm(S1)

-HD 110kW/30.000giri/min /60Nm(S1)

Disponibili varie soluzioni di automazione ed opzioni.



UNIVERSAL MACHINING CENTERS UBZ[®]

MODULAR UNIVERSAL MACHINING CENTERS. FOR FLEXIBLE AND HIGHLY-PRECISE MACHINING OF WORKPIECES UP TO 472 X 79 IN (12 X 2 M)

STABLE VERTICAL MACHINING

Dynamic HSC machining of aluminum with high speeds and power as well as powerful HPC machining of aluminum and heavy-duty cutting of steel and titanium with high-torque spindles: The machines in the UBZ product line are universally suitable thanks to machine designs and configurations tailored specifically to these applications. The differences between the UBZ SD and UBZ HD are based on the materials that can be machined. This in turn is the result of the specific configurations of the guide rails and drives as well as the rigidity of the machines and suitable spindles. The 5-axis UBZ universal machining centers guarantee precise and productive machining of workpieces up to 472 x 79 in.

CUSTOMISATION

Thanks to their modular design and a wide range of options, both series of the universal machining centers can be flexibly customized and optimally adapted to your requirements. Individual automation concepts round off the modular and customer-specific machine concept.

The UBZ product line comprises two machine series with different technological highlights and sizes. This allows us to cover a wide range of applications in 5-axis cutting and to provide the optimum machine for your application.

- Rigid machine design with fixed portal for precise machining
- 5-axis simultaneous machining
- Powerful “heavy-duty” HSC machining of aluminum
- Heavy-duty cutting of titanium and steel as well as HPC machining of aluminum
- Modular machine design for customer-specific adaptation to production processes and material requirements
- Full enclosure of the workzone
- Large number of different automation solu

