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APPLICATIONS

PETALS, CASINGS, SMALL FOUNDRY, DISKS, IMPELLERS, OTHER ENGINE PARTS, FUSELAGE, OTHER STRUCTURE PARTS

VERTICAL MACHINING CENTRE, ZVH SERIE

The machining centre of the ZVH series is a fixed table & moving column type, with automatic vertical/horizontal head (1° hirth gear or continuous). In combination with a rotary table (optional) integrated in the table, complex form or multi faces machining could be realized in one setting. This concept makes possible the machining in a pendular cycle thanks to a dividing wall separating the two zones in a very tight way. All the moving parts are made out of perlitic grey iron, which is giving a great rigidity, necessary for high productivity rate. The movements are realized by combination of ball screws and linear guides allowing reaching according to the models until 45 m/min. The concept of this type of construction improves the ergonomcy (the operator is closed to the table during loading/unloading of the tooling, 2 working zones free of chips and coolant, possibility of loading with crane).



TECHNICAL CHARACTERISTICS

- Travels: Longitudinal: 1.600 - 12.000 mm
 - Cross: 800 - 1.000 mm
 - Vertical: 860 mm
 - Table: 2.000 x 850 - 12.600 x 1.050 mm
- Power of the main motor: 25 kW - 35 kW
- Main spindle speed: 15.000 - 24.000 rpm
- Taper: ISO 40/50 - BT 40/50 - HSK A-63/A-100
- Rapid feed: 30 - 45 m/min
- N° of axis: 4 axis in the head + V axis integrated in the table (optional)
- Magazine: 30 / 40 / 60 tools



REFERENCES

- | | | |
|---------------------------|--|------------------------|
| • A&G SEVILLA S.L. | • MECANIQUE AERONAUTIQUE PYRENEE - MAP | • TALLERES GIL-BO S.A. |
| • SOFITEC INGENIERA S.L. | • AVSEC-MECA | • SERMATI |
| • MECANIZADOS FLOMAR S.L. | • HAMBLE STRUCTURES | • RECAERO |
| • MECAMOLDE S.L. | • HALGAND | • DENADAI |

