



DANOBAT

DOUBLE COLUMN VERTICAL GRINDING

DVG

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DANOBAT DVG vertical high precision grinding machines for large component manufacturing.

The finest technologies are utilized to achieve the highest rigidity and precision. These machines have been designed on a modular basis to meet each customer's needs ranging from universal configuration machines to the most demanding customizations. This modularity provides flexibility to achieve the shortest lead time and optimum cost for a machine made to order.

Typical operations of this range of vertical grinding machines include grinding, measuring, turning, deburring, milling, drilling and miscellaneous machining.



DVG TECHNICAL DESCRIPTION

TECHNICAL CHARACTERISTICS		DVG-2500	DVG-3000	DVG-4000
Grinding diameter	mm	2500	3000	4000
Grinding height	mm	700	700	700
Table load	kg	4000	5000	6000
C axis speed	rpm	100	80	30



- Stabilized pearlitic cast iron bed.
- Main elements of the machine made of stabilized pearlitic cast iron.
- Cross slides for vertical and traverse movements.
- Independent slide for longitudinal movement (y Axis).
- External linear scales on all machine axes.
- Swivelling B axis with integrated torque motor.
- Precision radial and axial hydrostatic bearing on C Axis.

DVG optional equipment

Standard:

- High precision motorized grinding spindle.
- Fully enclosed machine guarding.
- DoGrind conversational grinding software.
- Computerized operator & maintenance documentation.

Options:

- Part measuring system.
- Swivel slide (B Axis) (Hirth coupling /continuous positioning).
- T-Slotted table top or pallet system.
- Disc type dressing system.
- Deburring system (brush type or high pressure coolant).
- Automatic Tool Changer.
- Scanner measuring system.
- Semiautomatic wheel balancing system.
- Sistema de preajuste de herramientas.
- External set up station and pallet clamping system.
- Turning arm.
- Magnetic table.
- Chip conveyor.
- Mist extractor.