



# DANOBAT

## VALVES BALL GRINDING

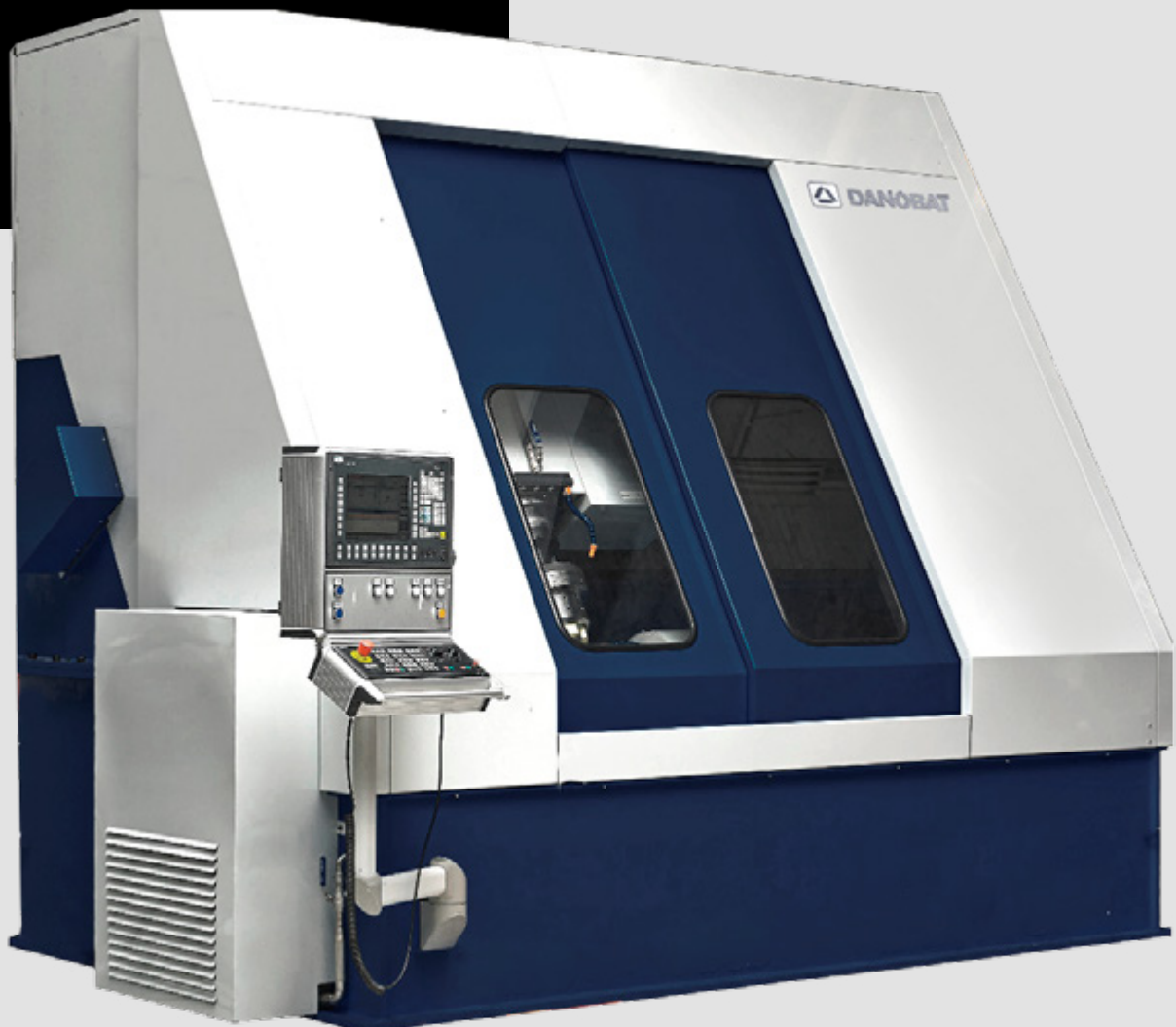
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## BGM

### BGM VALVES BALL GRINDING

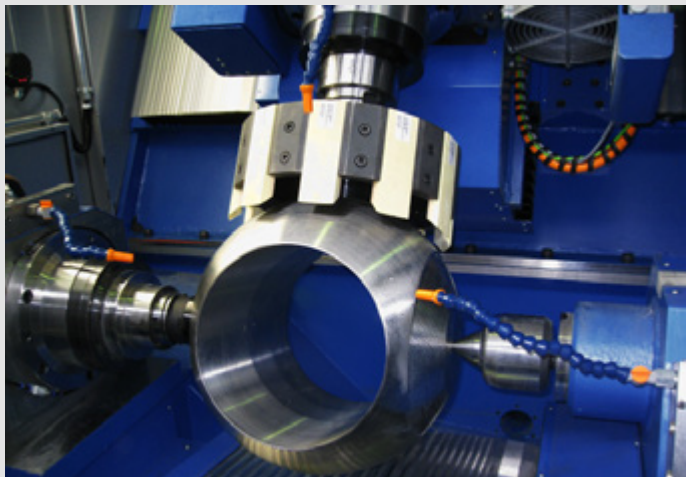
Grinding machines specifically designed for high precision valve balls. Balls up to 70" inches in diameter can be machined. Machining is performed using segmented grinding wheels.

Spindle motor power range goes from 22 to 92 kW. Extra features such as automatic ball measurement, diamond wheel dressing and automatic tool change are also available.



# BGM TECHNICAL DESCRIPTION

TECHNICAL CHARACTERISTICS		BGM-600	BGM-1400	BGM-1800
NPS (max.)	in	0.6	1.4	1.9
Max. diameter ball	in	23	55	70
Spindle power	kW	22	60	92



## Highlights

- Sturdy design for coated balls.
- Advanced grinding force control.
- Diameter measuring before, during and after grinding.
- Dust protection for spindles and linear axis.
- 2-axes spindle centering function (ball center measuring with probe).

## Technical description

- BGM-600 machine have slant bedgrinding spindle axis and BGM-1400 and 1800 machines feature horizontal grinding spindles.
- Y-axis for positioning of the spindle compared to ball's horizontal centre line.
- The machine bed is designed so that the grinding waste is flushed away from inside of the machine to liquid handling system.
- Servo controllers – braking energy can be fed to the use of other motors or back to the factory electric grid.
- Friendly HMI makes the use of the machines easy.