



## BVK30

### DISK SHAPED PARTS BALANCING MACHINE

#### Features

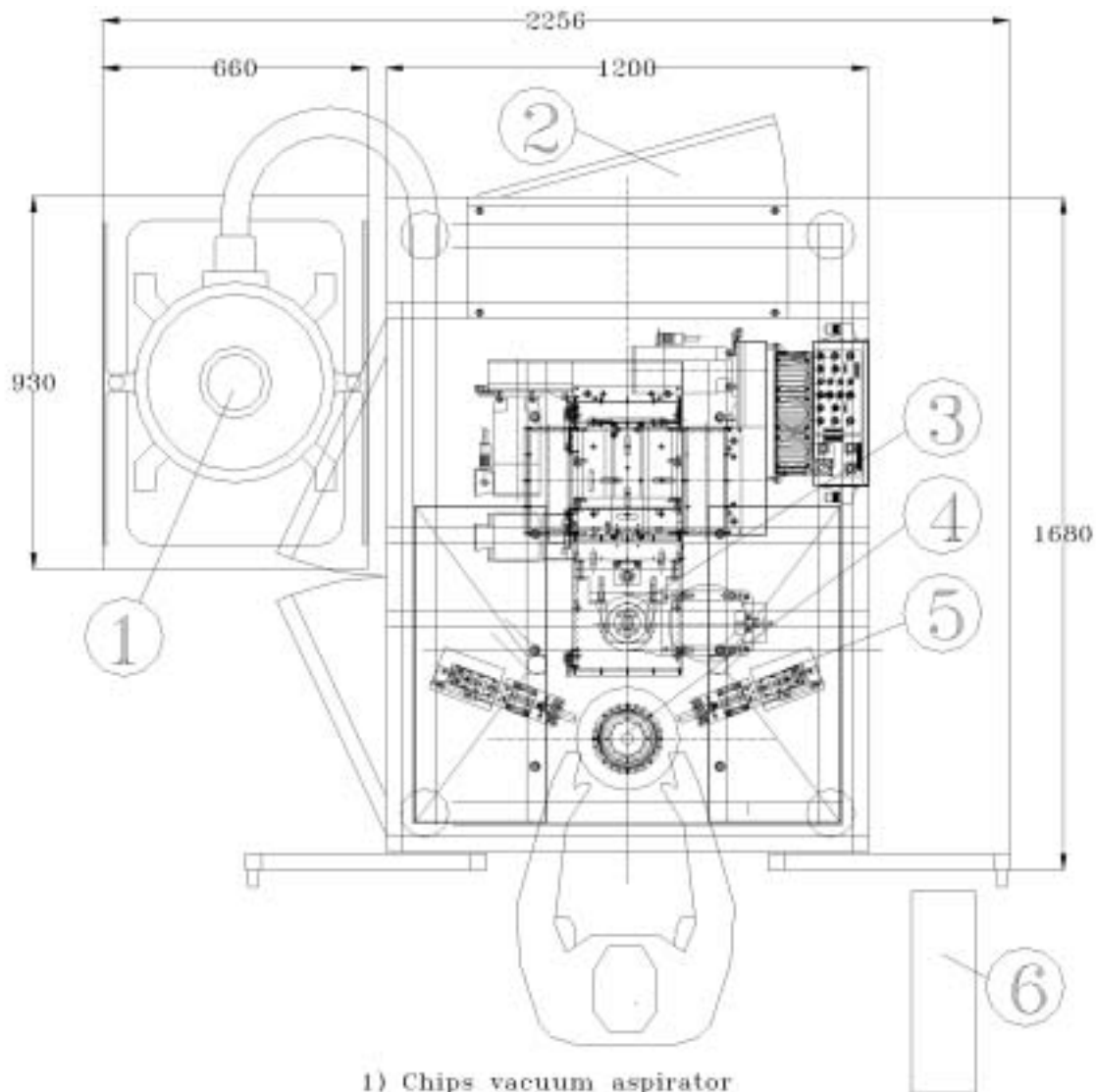
- > Manual/Automatic parts loading/unloading.
- > Part clamping with pneumatic device.
- > Unbalance measurement on 1 or 2 planes / Spindle on rigid supports.
- > Unbalance compensation through radial or axial dry milling by 2 or 3 axis interpolation or by axial drilling.
- > Part/Tool contact automatically detected.
- > 15" touch screen Industrial PC Human interface.
- > Options:
  - Dimensional and geometric gauging;
  - Preventive maintenance diagnostic software;
  - Teleservice;
  - Statistics: X&R Charts, Machine capability, R&R.;
  - Printer;
  - Chips vacuum aspirator.



#### Advantages

- > Consistent quality of machined parts.
- > Scrap parts prevention.
- > Immediate R.O.I.
- > Easy to integrate in any productive organization and architecture.
- > Tool life and cycle time optimization.
- > Ergonomic and easy to operate.
- > Reduced machine downtime.
- > Process documentation.
- > Ecology.





- 1) Chips vacuum aspirator
- 2) Electric cabinet
- 3) Milling spindle
- 4) Measuring station
- 5) Part clampers during milling cycle
- 6) PC

Technical data	Options
Part mass: 30kg max.	Geometric and dimensional gauging
Part diameter: 400 mm max.	Preventive maintenance diagnostic software
Part thickness: 200 mm max.	Teleservice
Part clamping with pneumatic device	Statistics and Printer
Unbalance correction: radial or axial dry milling by 2 or 3 axis or by axial drilling.	( X&R Charts, Machine capability, R & R )
Achievable tolerance: 5 gmm/kg*	
Measure RPM: programmable	
Average cycle time (measure-correct- recheck): 25s*	
Dimensions (W x D x H): 2256x 2000x2100 mm	
Weight : 2000kg	
Power supply: 220-550 three-phase , 50-60Hz, 10KW	
Air supply: 6 bar	
15" touch screen Industrial PC	

\*subject to mechanical part quality

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