



BVK4-50-3A

AUTOMATIC BALANCING MACHINE



Features:

Vertical automatic balancing machine, specifically developed for the balancing of assembled clutches on one plane (static). The unbalance is automatically corrected by axial milling and/or radial drilling.

The milling unit is controlled by three axis and the correction is carried out by axis interpolation.

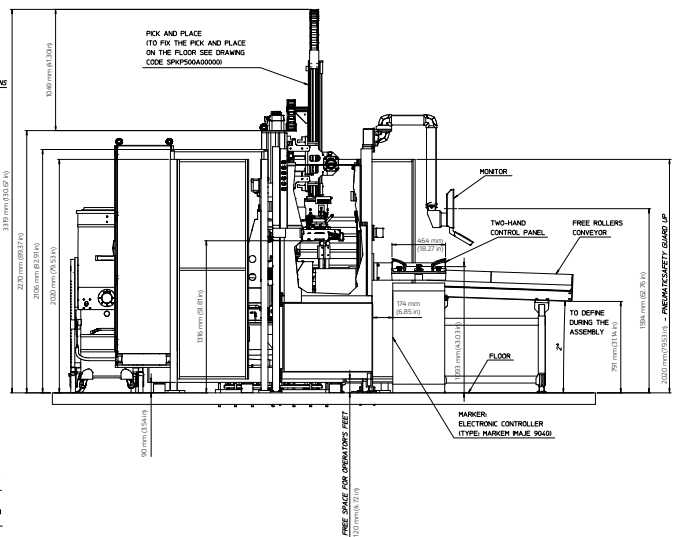
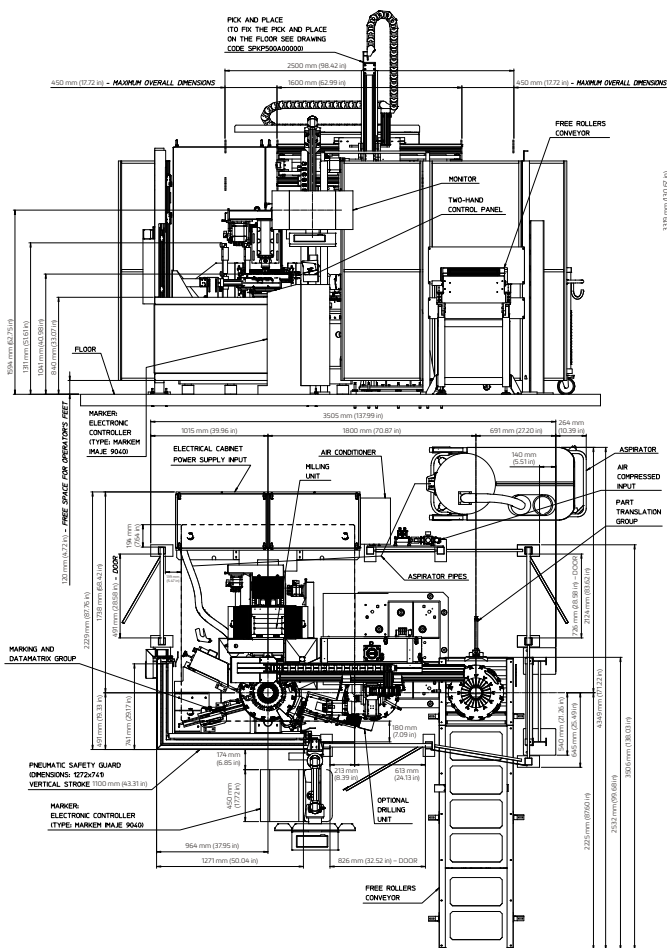
It is composed of; measuring unit, axial milling with three controlled axis and an axial drilling unit (option).

Parts loading is performed by an operator, while parts unloading is automatically performed by a controlled pick and place with an expandable gripper.

High level of flexibility and quick production changeover.

Advantages:

- High measuring precision
- High balancing precision
- Quick return on investment
- User friendly



Technical data

Max rotor external diameter:	500 mm (19.68 in)
Max rotor internal diameter:	260 mm (10.24 in)
Max rotor height:	80 mm (3.15 in)
Max rotor weight:	60 kg (132.28 lb)
Cycle time:	< 100 s
Balancing method:	Axial milling and/or radial drilling
Balancing speed:	500-700 rpm
Controlled by:	Industrial PC
Power:	7 kVa
Power supply:	400-480V+PE three-phase 50/60 Hz
Machine weight:	3200 kg (7054.79 lb)
Machine dimensions (LxWxH):	3500x3500x3320 mm (137.79x137.79x130.71 in)

Options

Tele-service
Industrial vacuum cleaner
SPC / SW
Master Rotor
Marking device
Radial drilling unit



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