



**Balance Systems**

# BMK4A

## SEMI-AUTOMATIC BALANCING MACHINE FOR ARMATURES

### Features:

Semi-automatic balancing machine for electric motor armatures.

It's composed by one measuring unit, one milling units for left and right planes and pneumatic pick and place for the manipulation of the parts (from measuring unit to milling unit and vice versa) to audit the balanced armatures. Standard configuration with milling in length.

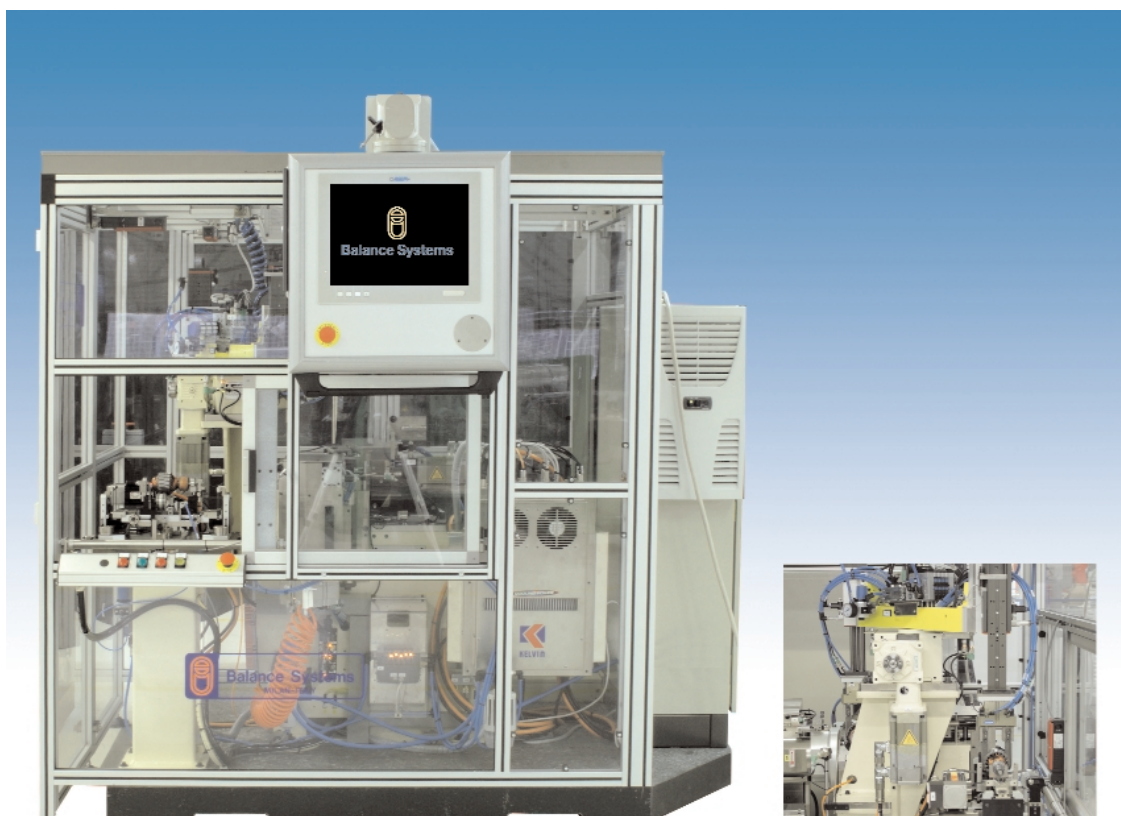
The machine can be delivered on request with component or polar milling tools.

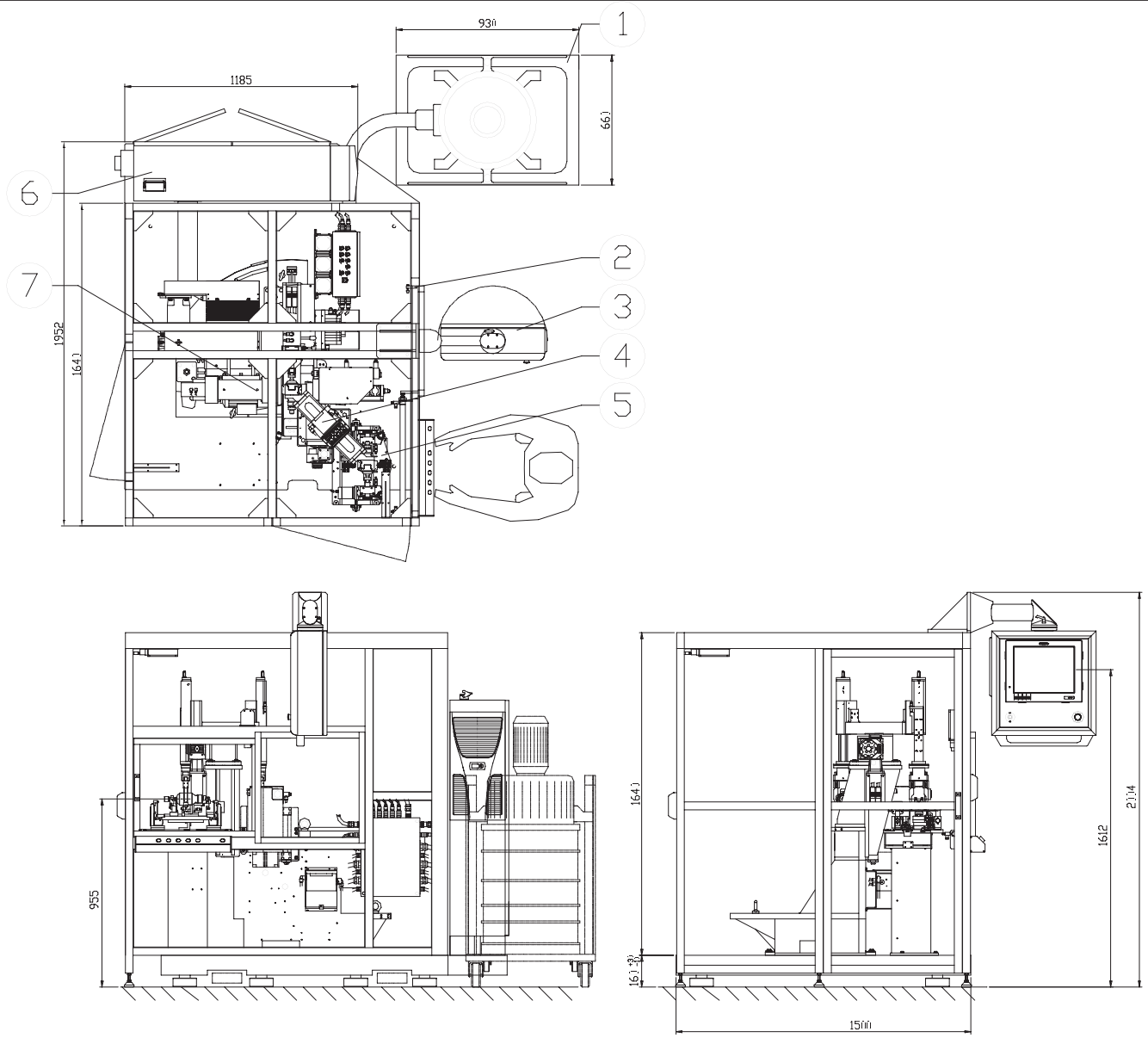
Manual loading / unloading.



### Advantages:

- > Highly skilled operator not required
- > Very easy to use
- > PC based operator interface
- > Easy to maintain
- > Diagnostic and preventive maintenance programs
- > High level of repeatability and precision of the unbalance
- > Compact dimension
- > User friendly





- 1) Vacuum Cleaner on Wheels
- 2) Safety Guard
- 3) Monitor
- 4) Pick & Place

- 5) Measuring Audit / Unit
- 6) Electrical Cabinet
- 7) Milling Unit

Technical data	Options
Max weight of the armatures: 3kg	Modem
Armatures OD: 10-85 mm	SPC/SW and printer
Stack lamination height: 10-120 mm	Vacuum system to remove the milling chips
Machine cycle time: 15 sec (measuring, milling, re-checking)	Device to balance skewed slots
Controlled by: PC	Device to balance armatures with ball bearing
Measuring precision: 0.1 gmm/Kg	
Balancing methods: Vectorial, Polar, Milling in length and depth	
Dimensions (W x D x H): 195 x 150 x 200h cm	

Specifications are subject to change without notice 2006 by Balance Systems - Printed in Italy - Cod: BMK4A-011106E

