



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.

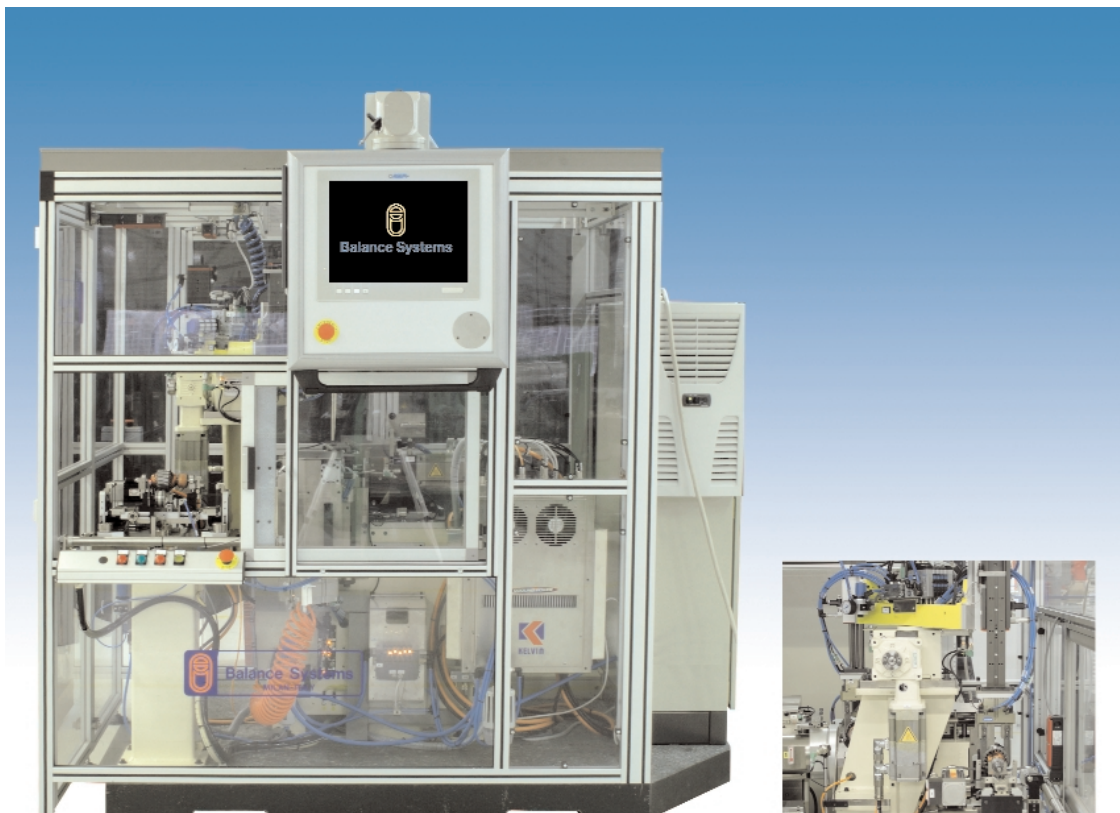
The machine can be delivered on request with component or polar milling tools.

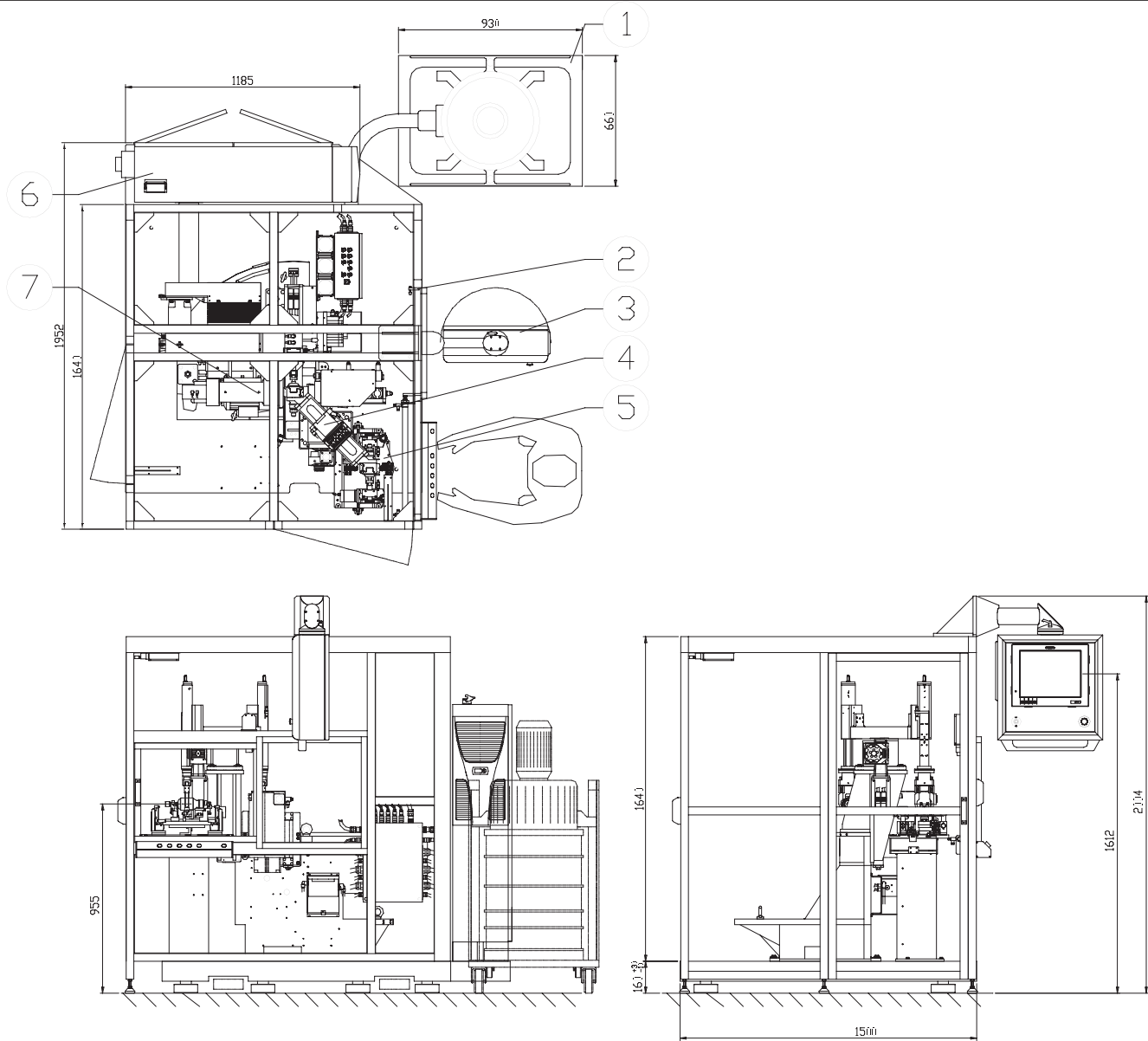
Manual loading / unloading.



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

Max weight of the armatures: 3kg
 Armatures OD: 10-85 mm
 Stack lamination height: 10-120 mm
 Machine cycle time: 15 sec (measuring, milling, re-checking)
 Controlled by: PC
 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

Options

Modem
 SPC/SW and printer
 Vacuum system to remove the milling chips
 Device to balance skewed slots
 Device to balance armatures with ball bearing

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

Balance Systems s.r.l.
 via Ruffilli, 2/4
 20060 Pessano con Bornago
 (Milano) Italy
 Tel. +39.029 504 955
 Fax +39.029 504 977
 E-mail: info@balancesystems.it
 www.balancesystems.com



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