

# BMK4-A

SEMI-AUTOMATIC  
BALANCING MACHINE



## Features:

Semi-automatic balancing machine for electric motors armatures.

Composed of: one measuring unit, one milling unit 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.

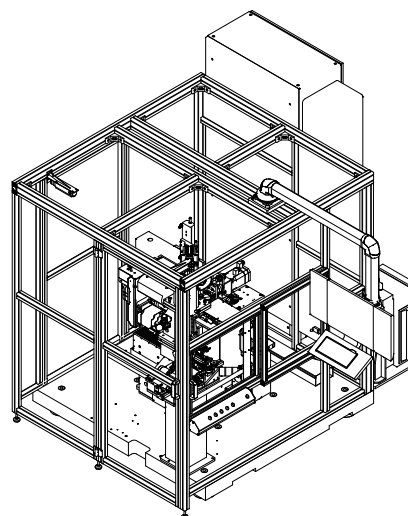
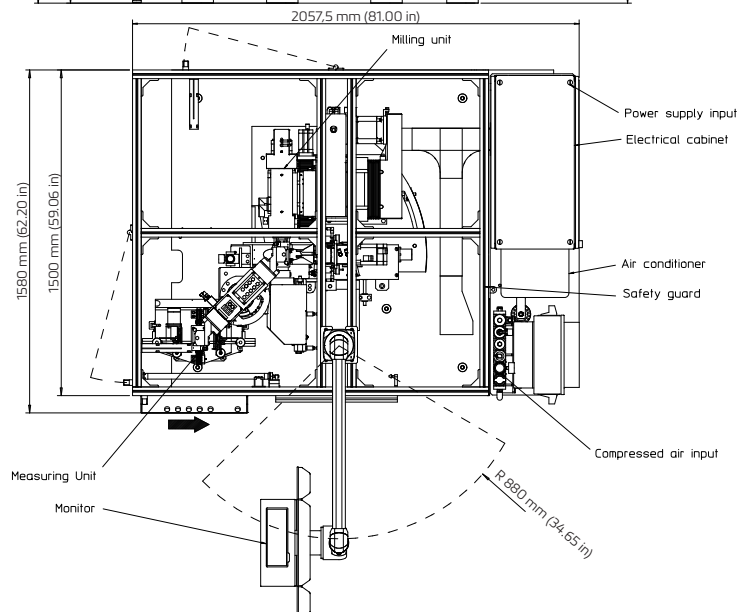
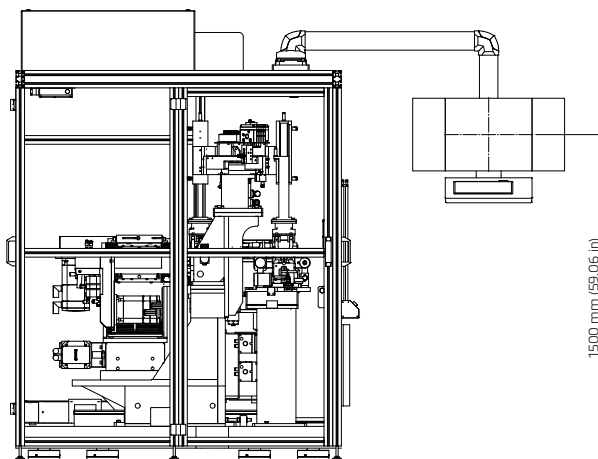
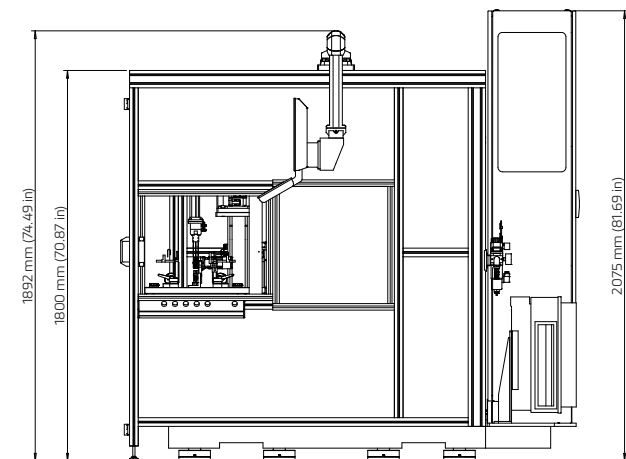
Standard configuration with milling in length.

The machine can be delivered upon request with components or polar milling tools.

Manual loading / unloading.

## Advantages:

- Highly skilled operator not required
- 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



## Technical data

Max armatures weight:	3 kg (6.61 lb)
Armatures OD:	10-85 mm (0.39-3.35 in)
Stack lamination height:	10-120 mm (0.39-4.72 in)
Machine cycle time: (measuring, milling, re-checking)	15 s
Controlled by:	Industrial PC
Measuring precision:	0.1 gmm/kg (0.04 oz.in/lb)
Balancing methods:	Vectorial, polar, milling in length and depth
Machine dimensions (LxWxH):	1950 x 1500 x 2000 mm (76.77 x 59.06 x 78.74 in)

## 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 may be subject to change without notice - © 2016 | 09 | Balance Systems S.r.l.

Distributor:

**Balance Systems S.r.l**  
Via Roberto Ruffilli, 8/10  
20060 Pessano con Bornago  
(Milan) - Italy  
Tel. (+39) 02.9504955  
Fax (+39) 02.9504977  
info@balancesystems.it  
www.balancesystems.com

