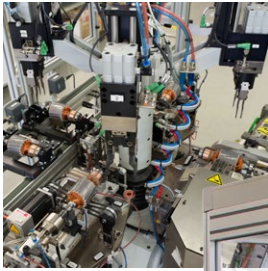
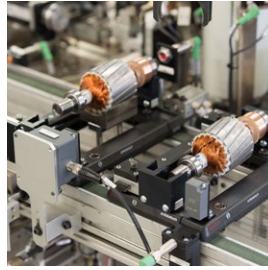
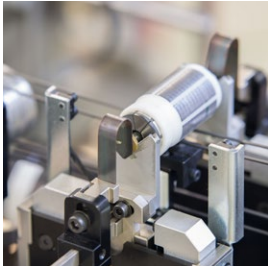


BMK6

AUTOMATIC
BALANCING MACHINE



Features:

Fully automatic dynamic balancing machine for high volume production. Specifically developed for balancing armatures for electric motors.

The main application are in the field of electrical motors for household appliances, power tools and the automotive industry.

It is composed of: a measuring unit, a milling unit for left and right planes and an audit unit. Parts manipulation by four arms rotary cam index.

It can be inserted in any type of lines (pallet, step, by loop, etc.).

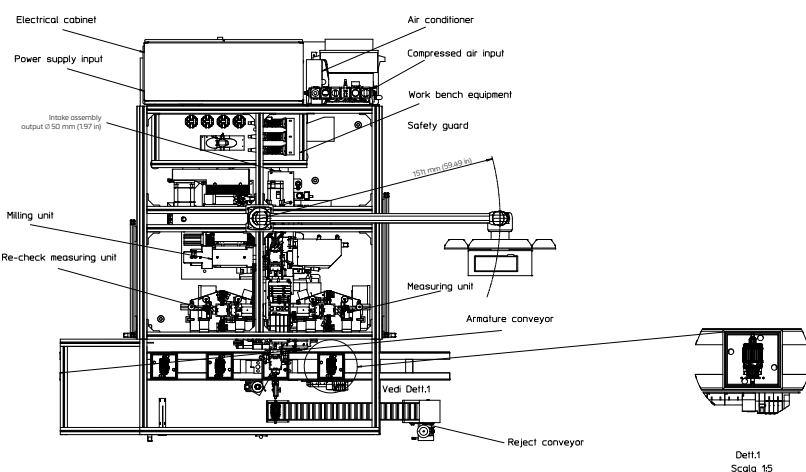
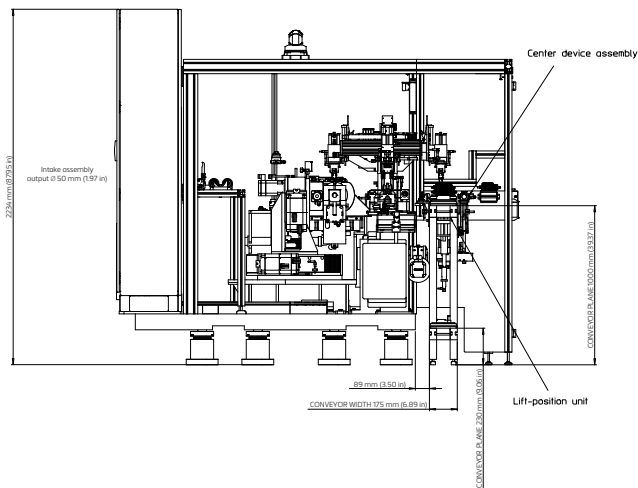
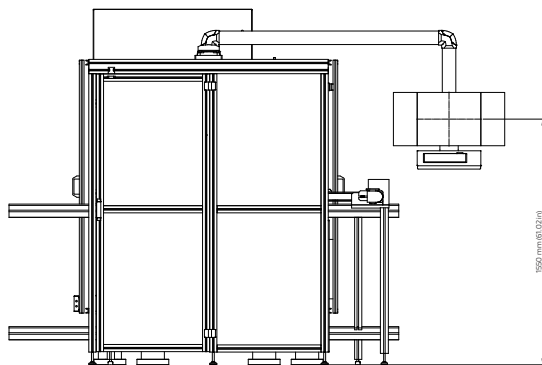
Operator interface by industrial PC.

High level of flexibility and quick changeover.

Full range of options to meet all the customer's requirements.

Advantages:

- Automatic set-up
- Short cycle time
- High level of flexibility
- High level of repeatability and precision of the unbalance measuring
- Diagnostic and preventive maintenance program
- Quick changeover
- High level of reliability
- User friendly



Technical data

Max armatures weight:	3 kg (6.61 lb)
Armatures diameter:	15-80 mm (0.59-3.15 in)
Stack lamination height:	10-100 mm (0.39-3.94 in)
Cycle time (on two planes):	9 s
Controlled by:	Industrial PC
Measuring precision:	0.1 gmm/kg max (0.04 oz.in/lb)
Balancing method:	Polar or vectorial milling in depth and length
Power supply:	380-480 V three-phase 50/60 Hz
Machine dimensions (LxWxH):	2000 x 2700 x 2200 mm (78.74 x 106.30 x 86.61 in)

Options

- Reject conveyor
- Industrial Vacuum cleaner for removing milling chips
- SPC/SW and printer
- Teleservice
- Device for balancing skewed slots armatures (-16°/+16°)
- Device for quick changeover
- Device for measuring shaft run out



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