

MK3-25

MANUAL
BALANCING MACHINE



Features:

The MK3-25 is a manual machine suitable to measure the unbalance of rotating parts on two planes (dynamic) or on one plane (static). The unbalance correction is carried out manually by adding or removing material.

The main use of this machine is to balance rotors/armatures of electric motors in general, as well as car alternators or fans, turbines, brushless rotors, shafts, spindles, etc.

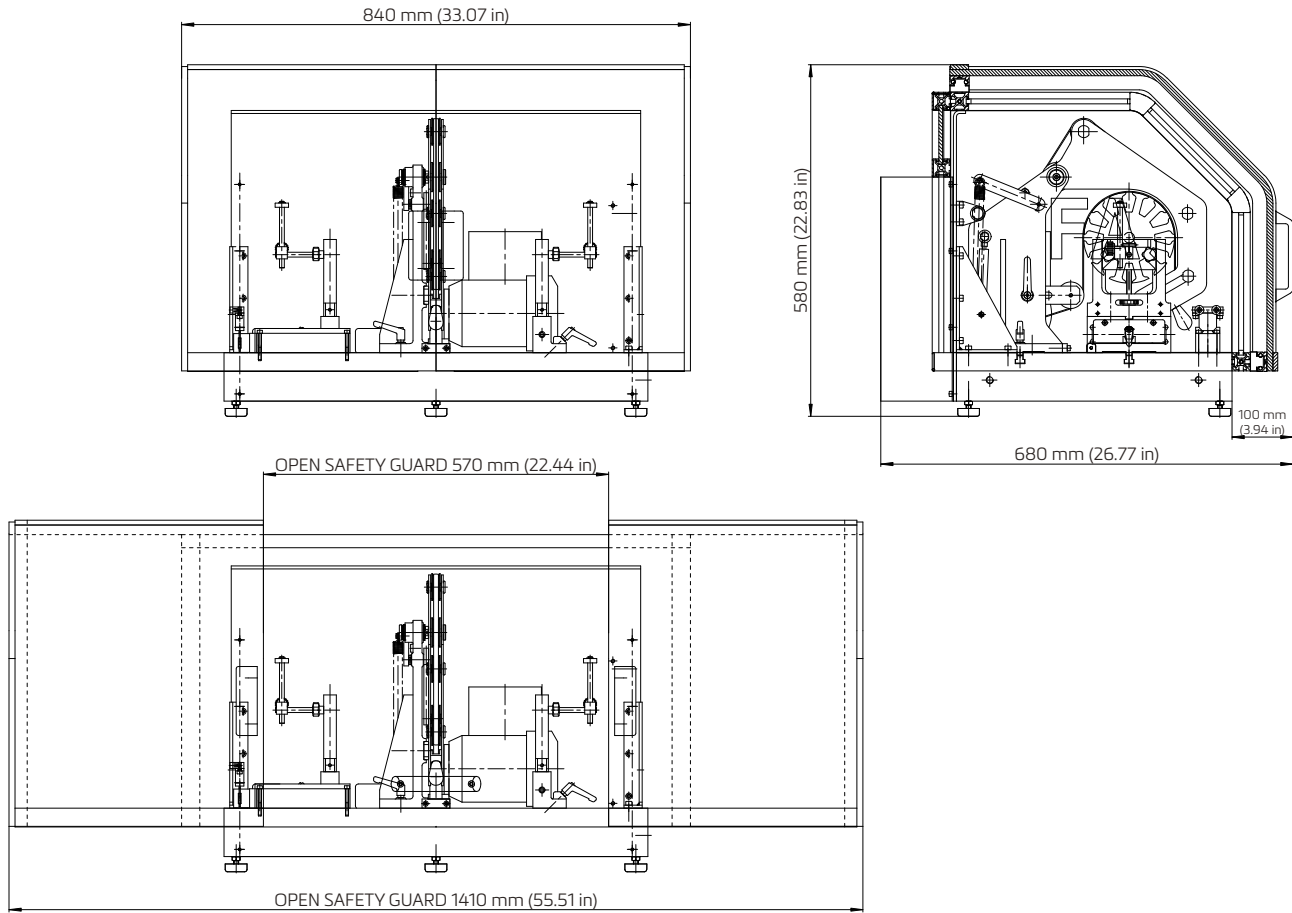
This machine can be interfaced to manual milling/drilling units to rectify the unbalance by removing material.

Operator interface by industrial PC.

High level of flexibility and quick changeover.

Advantages:

- Compact
- High level of flexibility
- High measuring precision
- High balancing precision
- Quick changeover
- User friendly



Technical data

Max rotor weight:	25 kg (55.11 lb)
Rotors Diameter:	30-170mm (1.18-6.69 in)
Stack lamination height:	40-200mm (1.57-7.87 in)
Unbalance measuring time:	8-20 s
Controlled by:	Industrial PC
Drive systems:	Tangential or loop belt
Balancing Method	Material adding or removal
Measuring precision:	0.5gmm/kg max
Power supply:	110-230V 50/60Hz
Machine dimensions (LxWxH):	840x680x580 mm (33.07x26.77x22.83 in)

Options

Master rotor
Tele-service
Table
Digital display
Printer

TIRGAN
VIBRATION ANALYSIS & CONDITION MONITORING EQUIPMENT

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