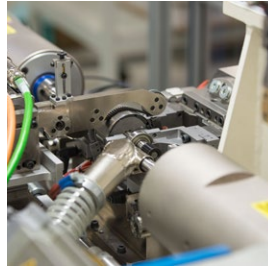


# DMK4-2A-A

SEMI-AUTOMATIC  
BALANCING MACHINE



## Features:

Semi automatic balancing machine, specifically developed for balancing rotors for asynchronous motors and for brushless motors and similar rotating parts, in a completely automatic way on two planes (dynamic). The unbalance is corrected by removing material as an outcome of axial drilling.

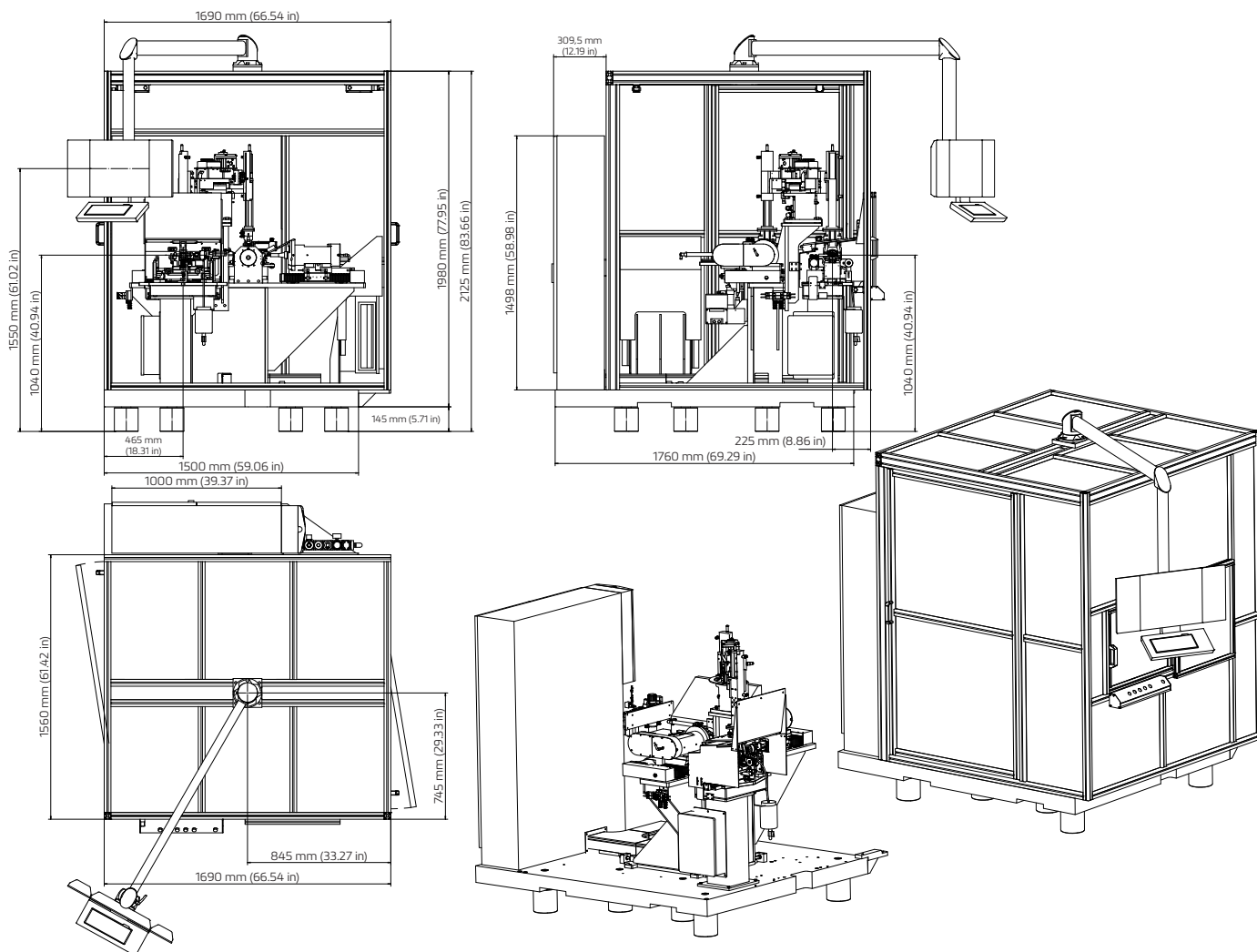
It is composed of: one measuring unit, two drilling units (one for each balancing plane) and a rotary table with pneumatic pliers for parts manipulation (from measuring unit to drilling units and vice versa).

Operator interface by industrial PC.

High level of flexibility and quick changeover.

## Advantages:

- Automatic set-up
- 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 rotor weight:	3 kg (6.61 lb)
Rotor diameter:	30-70 mm (1.18-2.76 in)
Stack lamination height:	20-80 mm (0.79-3.15 in)
Cycle time:	< 20 s (plus operator's handling time)
Controlled by:	Industrial PC
Measuring precision:	0.1 gmm/kg max (0.04 oz.in/lb)
Balancing method:	Axial drilling
Power supply:	380-480 V three-phase 50/60 Hz
Machine dimensions (LxWxH):	1700 x 1800 x 2300 mm (66.93 x 70.87 x 90.55 in)

### Options

Device for balancing rotors with ball bearings

Industrial Vacuum cleaner for drilling chips

SPC/SW

Printer

Teleservice



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