

DMK8-I

AUTOMATIC BALANCING
MACHINE



Features:

Fully automatic balancing machine for high volume production. Specifically developed for balancing alternators' rotors and rotors for asynchronous electric motors, in a completely automatic way on two planes (dynamic).

Unbalance measuring and audit unit with servomotor; the rotor is driven by belt.

Unbalance correction by two drilling heads (one for each plane). Parts manipulation by rotary cam index unit with 5 arms.

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

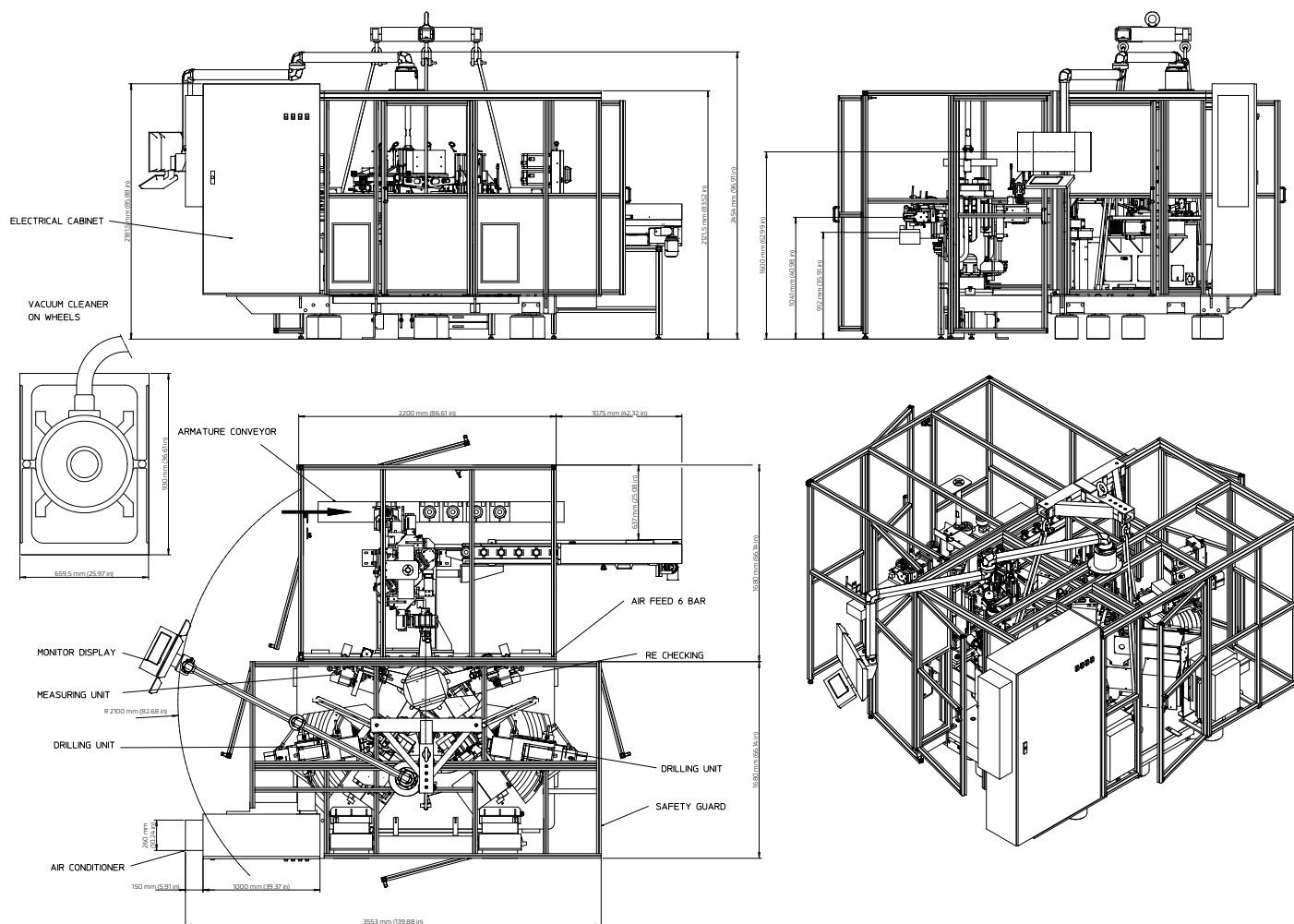
Operator interface by industrial PC.

High level of flexibility and quick changeover.

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

Advantages:

- Automatic set-up
- 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:	4 kg (8.82 lb)
Rotor diameter:	50-120 mm (1.97-4.72 in)
Stack lamination height:	20-100 mm (0.79-3.94 in)
Max production rate:	360 pcs./hour
Controlled by:	Industrial PC
Measuring precision:	0.1gmm/kg max (0.04 oz.in/lb)
Balancing method:	Inclined drilling
Power supply:	380-480 V three-phase 50/50 Hz
Machine dimensions (LxWxH):	3400 x 3600 x 2450 mm (133.86 x 141.73 x 96.46 in)

Options

Reject conveyor
Industrial vacuum cleaner for removing of drilling chips
SPC/SW
Printer
Teleservice
Device for balancing rotors with ball bearings assembled



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