



# DMK4-20A

Semi-automatic balancing machine


## Applications




Automotive




Industrial electric motors




Home appliances




Power tools




Aerospace




Woodworking machinery



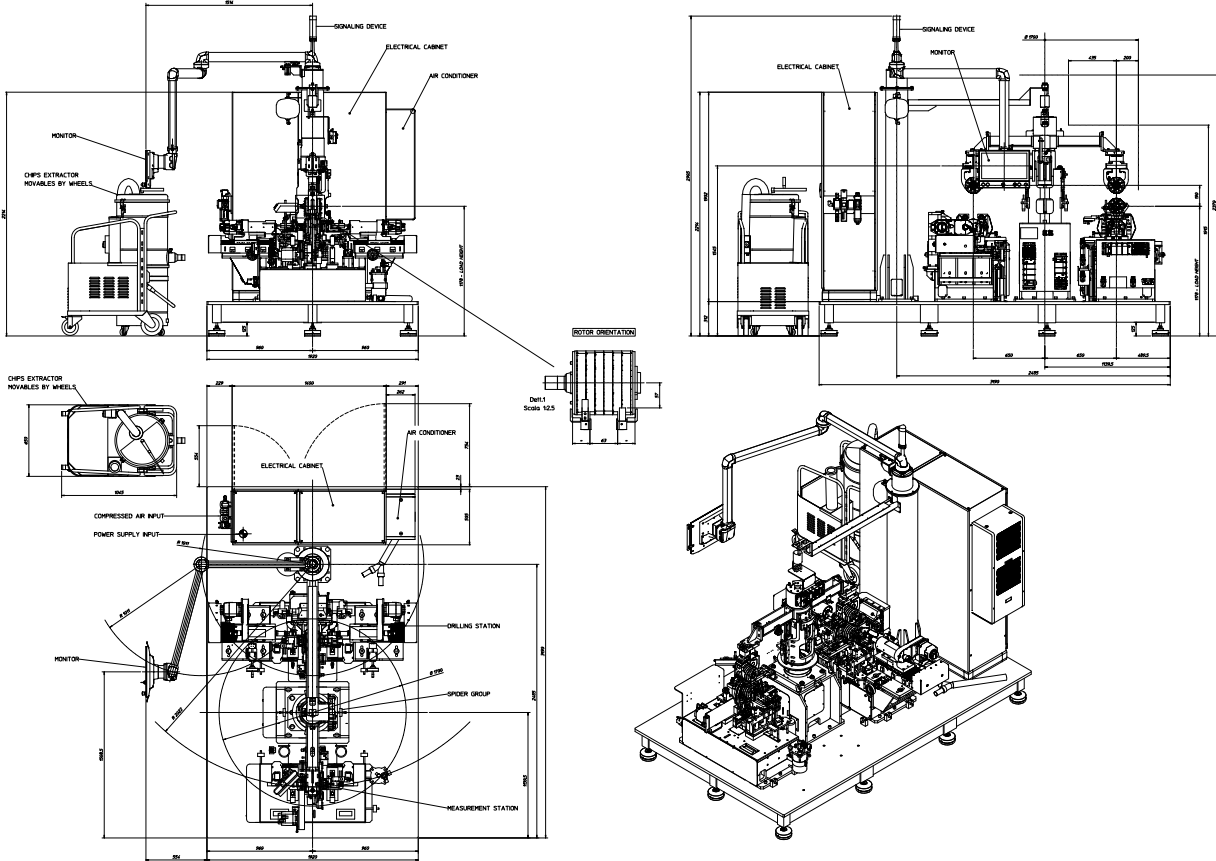
Building technology



Textile machinery



Machine tools



## Features

- Semi-automatic balancing machine suitable to balance the entire range of rotors for electric motors weighing up to 25Kg in a completely automatic mode on two planes.
- Machine is specifically developed to balance the rotors for electric transmission on the automotive field.
- Machine is composed by; one measuring/audit unit, two drilling units (one for each balancing plane) and rotary table with pneumatics pliers for parts manipulation, from measuring unit to drilling units and vice versa.
- The unbalances are corrected by axial drilling to remove material on the lateral discs or on the lamination stack
- Rotor loading/unloading is manual but the machine can be easily equipped with industrial robot or linear pick and place making the DMK4-20A a fully automatic balancing machine.

### Technical data

Parts max weight:	25 kg
Parts max diameter:	160 mm
Unbalance measure speed:	Programmable
Cycle time:	< 45 s
Dimensions (LxWxH):	1920 x 3190 x 2370 mm
Weight:	5800 kg
Power supply:	380-480 V three-phase 50/60 Hz
Compressed air:	6 bar
Controlled by:	Industrial PC

### Options

- Industrial vacuum cleaner for removing drilling chips
- SPC software
- Teleservice
- Calibration master
- HW & SW interface for customer's loading/unloading device
- Tool monitor
- DMC reader