

EM6040



General Description

A compact, functional, display balancing machine, the EM6040 is ideal for **vehicle repair workshops and service stations**.

The dual display control panel is designed for intuitive use of all the functions available.

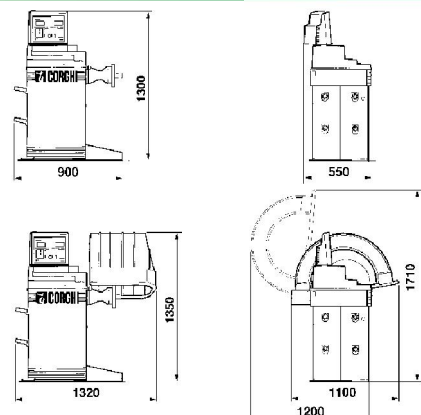
Thanks to features usually found on superior balancers, such as low balancing speed, along with Alu-P, accelerated OPT, **Shift Plane and Hidden Weight** programs, the EM6040 is an extremely interesting model.



➤ Dual display control panel

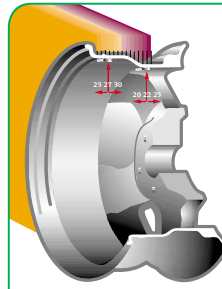
Balancing speed	98 rpm
Maximum unbalance value calculated	999 g
Resolution	1 g
Average spin time	7 s
Shaft diameter	38 mm
Rim width setting range	1,5" ÷ 20"
Rim diameter setting range	1" ÷ 23"
Maximum wheel/machine distance	290 mm
Maximum wheel width (with guard)	510 mm
Maximum wheel diameter (with guard)	925 mm
Maximum wheel diameter (without guard)	1160 mm
Maximum wheel weight	65 Kg
Power supply	100/115/230 V 1ph
Total power absorption	250 W
Weight of the machine (with guard)	93 kg

Technical Data



Principal characteristics

- Electronic balancing machine with microprocessor for off-vehicle **wheels of cars, vans and motorcycles**
- Low balancing speed (98 rpm) reduces wheel spin times, reduces the risks due to rotating parts and save energy
- **Manual gauge** for measuring the distance and for the application of adhesive weights in Alu P programs
- **Automatic wheel clamping** at the end of the spin
- Wheel-holder shaft clamping brake
- Side flange holder
- Cover with trays to take weights of all kinds and the most commonly used accessories
- Mini-anvil for repairing clip weights
- Automatic start by lowering the wheel guard
- Luminous digital dual display
- Simple, user-friendly keyboard for data input and program selection
- Processing unit with 16 bit microprocessor
- Resolution: 1 g (1/10 oz)
- Unbalance values displayed in grams or ounces
- Option of displaying unbalances rounded up/down
- Balancing modes available:
 - Standard dynamic on both sides of the rim
 - Alu / Alu P seven different options for alloy wheels (with profile measurement)
 - Dyn. Moto dynamic on both sides for motorcycle rims
 - Alu Moto dynamic on both sides for motorcycle alloy rims
 - Static on one plane only



“Shift Plane” program (in Alu P) for use of weights in multiples of five grams, with no need for partial cuts (Corghi Patent)



“Hidden Weight” program (in Alu P) which subdivides the adhesive weight for the outside into two equivalent weights positioned behind the spokes of the rim

- “Accelerated OPT” program for optimising wheel running noise levels
- Utility programs:
 - calibration
 - service
 - diagnostics
- Available in versions with or without wheel guards.
- Pneumatic ring nut (on request) for automatic wheel clamping. Alternative solution to the conventional automatic Quick Lock system
- Optional pneumatically operated TT50 wheel lift with lifting capacity up to 70 kg. Lifts the wheel and centres it precisely on the balancing machine shaft



➤ Side flange holder