

EF14

»» General Description

Electronic finish balancer for cars, trucks and buses, the EF14 is designed for **balancing specialists**.

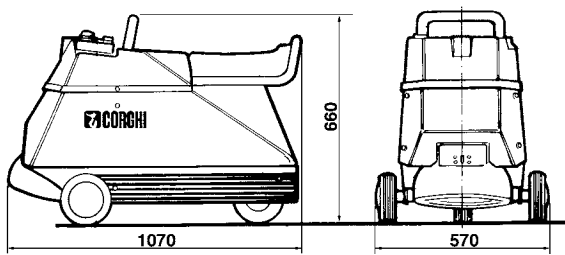
It allows the elimination of minimum unbalances on all vehicles, including heavy vehicles.

The two-speed motor-drive wheel spin is equipped with a hydraulic coupling which allows a gradual spin without damaging the tyre's side.



» Control panel integrated with digital viewer and keypad

Technical Data



Maximum balancing speed	150 km/h
Maximum unbalance value calculated	299 g
Resolution	1 g
Power supply	230/400 V 3Ph
	200 V 60Hz 3Ph
	415 V 50Hz 3Ph
Total power absorption	3,7 ÷ 4,7 kW
Weight	115 kg

»» Principal characteristics

- ❑ Electronic finish balancer for **car, truck and bus wheels**
- ❑ Can be used with sensor heads:
 - P21 and HPU for balancing car and light transport van wheels
 - L32 for balancing truck wheels
- ❑ Pulley profile designed for optimal match with all tyre types
- ❑ Oleodynamic coupling which allows gradual power transmission from the motor to the wheel without tyre damage.
- ❑ Bodywork fitted on shock-absorbers for improved operator comfort
- ❑ Re-entering swivel wheel to allow easy handling in confined spaces and maximum stability during the spin cycle
- ❑ **Two-speed motor** which allows gradual acceleration and wheel balancing even at low rpm
- ❑ Motor equipped with a thermal overload cut-out
- ❑ Motor commanded by a remote control switch which automatically releases in case of power failure
- ❑ Button activated electromagnetic brake.
- ❑ **Removable control console** for balancing the driving wheel from inside the passenger compartment
- ❑ Control panel integrated with digital display and keypad
- ❑ Liquid crystal display (LCD) which shows any unbalance values and relative position, via an approved clock system
- ❑ Cable data transmission
- ❑ Processing unit with 16 bit microprocessor
- ❑ 5 g threshold with view option of below limit values
- ❑ Unbalance value display in grams or ounces
- ❑ Unbalance position detection via a modulated infrared optic system
- ❑ Display of wheel running direction and relative speed
- ❑ Manual setting for machine sensitivity
- ❑ **Automatic acquisition** of unbalance values at a pre-set rotation speed
- ❑ Calibration program with differentiated weights (30 g, 300 g, 150 g) depending on wheel type.
- ❑ Simultaneous wheel balancing of a vehicle's driving wheels thanks to the optical sensor head ROT (on request)
- ❑ Programs for calibrating the two wheels independently. This is carried out at a pre-set rotation speed

This product has been certified by:

