

301 Evolution



New !!!

FUCHS has developed a new dynamometer: the **301 Evolution**. It is absolutely modular and it can be upgraded with all available options and accessories, included the Eddy Current Brake so as to obtain a full equipped test bench. Its base is economic but it has the extraordinary quality of measurement of all the FUCHS products, especially thanks to the double measurement (wheel and roller) and to the newest software KHEOPS

with its special PCI Data acquisition card. The accessories are fully integrated in the structure of the dynamometer which remains very compact , so that even small workshops can be equipped. Of course, the 301 Evolution complies with all EC security requirements.

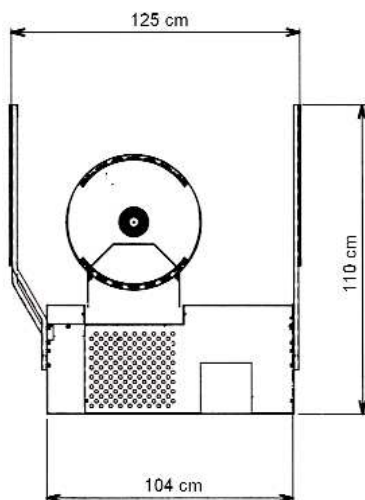
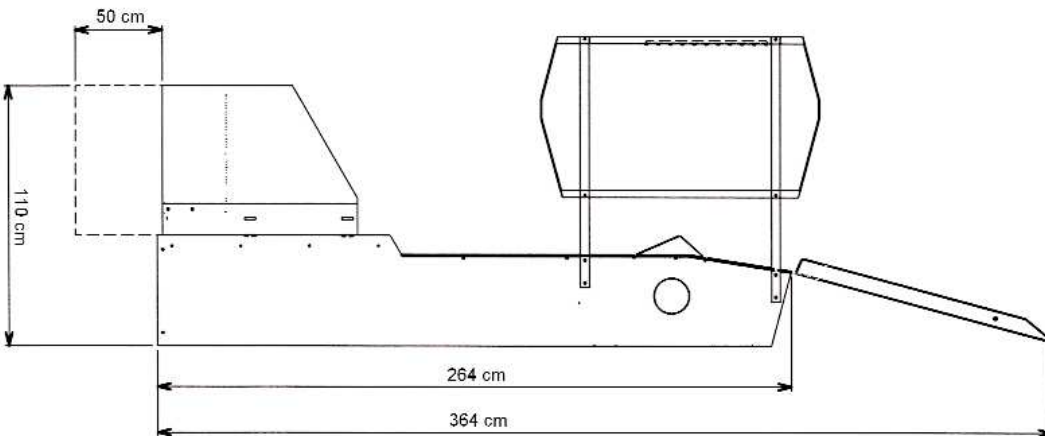


The 301 is another version of the 301 Evolution , more economic but less upgradeable than the 301 Evolution. It is based on the same chassis, uses the same technology and has the same precision. It works with a data acquisition card, which does not allow the use of all functions.



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Serial Equipment

- ☛ Non slip roller on a separate Chassis
- ☛ Integral folding access ramp which works also as protection (part of the EC safety-norm)
- ☛ Special Two-measures system - roller and wheel sensors
- ☛ Special PCI data acquisition card, KHEOPS software
- ☛ Databank containing motorbike test parameters
- ☛ Roller brake (part of the EC safety-norm) with manual control. Brake is active when the ramp is not lifted
- ☛ Safety lateral barriers (part of the EC safety-norm)
- ☛ S.U. (Sensor Unit) - automatic weather station - ignition pick up

Options and Accessories

- ☛ Eddy Current Brake or Pre-equipment Eddy Current Brake
- ☛ Cooling for Eddy-Current-Brake (Hot air extraction)
- ☛ Automatic Wheel clamp (SAFE© patented)
- ☛ Cooling fan for the engine, standard (on feet or on SAFE©)
- ☛ Cooling fan for the engine with special conducted air (only on SAFE©)
- ☛ Reinforced cooling fan for the engine with special conducted air (on SAFE©)
- ☛ Integrated cooling fan for rear wheel and exhaust
- ☛ M.S.U. (Multi Sensor Unit) - Automatic Weather station - ignition pick up / M.S.U. Software / Thermocouples - additional cards
- ☛ Independent Electric Bike Starter System (battery & loader included)
- ☛ Integrated exhaust extraction fan - Magnetic extraction intakes
- ☛ Gas analysis under load, friction brake for gas analysis, 4-Gas analyser, path selector, deduction rings, Software
- ☛ Lambda system (A/F Ratio): Lambda sensor, Interface, Software
- ☛ Scooter attachment (only with SAFE©) + scooter software
- ☛ PC



SAFE fixing system

world exclusive patented in 1993.

Automatic Ergonomic Fixing System.



The motorbike's front wheel is locked in three separate and distant points. This revolutionary system holds the motorbike firmly without straps.



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