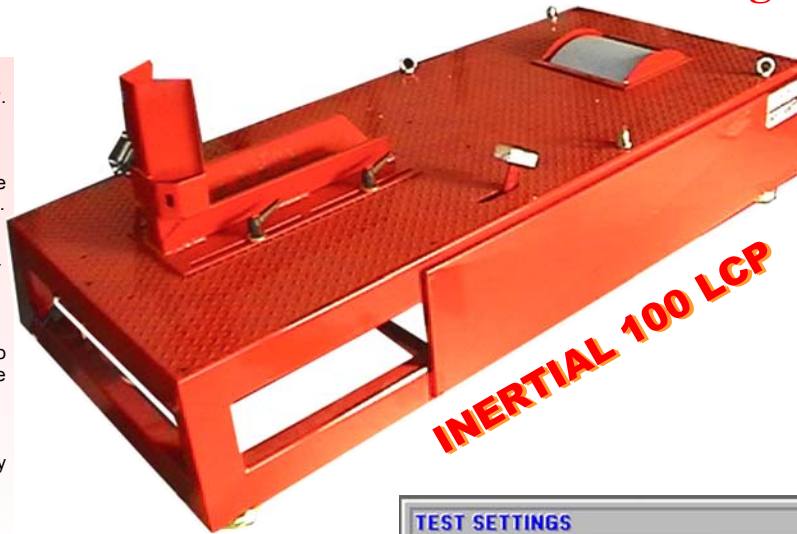




SOFT-ENGINE NEWS!!!

VISIT OUR WEBSITE: www.soft-engine.com



INERTIAL 100 LCP

Inertial dyno for little motorbike up to 200 HP. Very compact and low-cost dyno!

NEW ROAD SIMULATION TEST

The main categories of motorbike can be chosen to find the resistance data dynamically.

ENDURANCE TEST

New test to simulate the track acceleration for an high number of hours!

GAS MANAGEMENT SYSTEM

This device is used with Endurance test to accelerate/decelerate the vehicle without the human presence.

KIT ELECTRONIC

To improve inertial-braked old dynos, made by other companies also.

SOFTWARE NEWS!

INERTIAL 5.0 Inertial dynos

Graphic interface friendly, improved sensor and electronic management. Rapid Bike mapping function

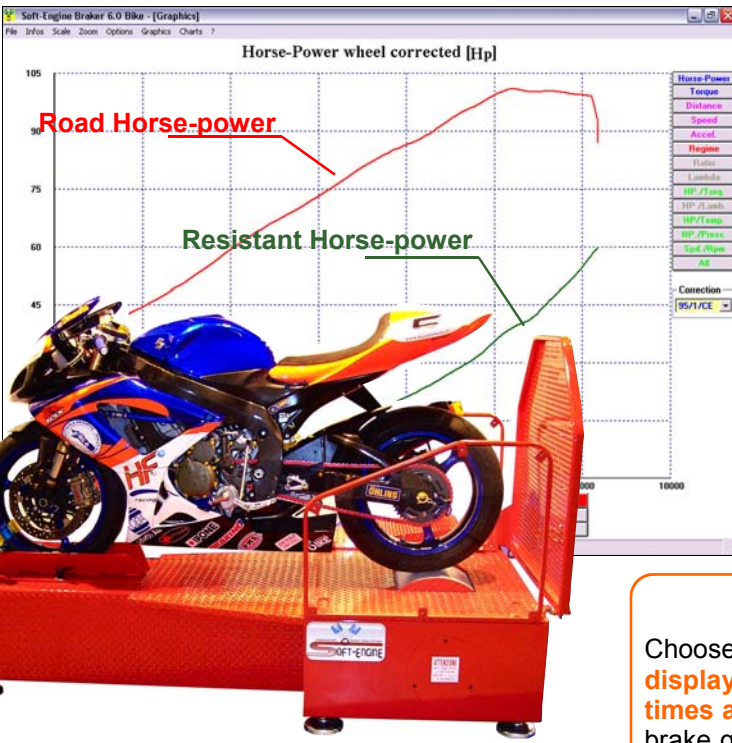
BRAKER 6.0

Inertial and braked dynos. Like Inertial 5.0, eddy current brake complete management, TPS, Rapid Bike mappings, endurance tests are available!

NEW!

RAPID LINK SYSTEM

To map Rapid Bike devices with Soft Engine

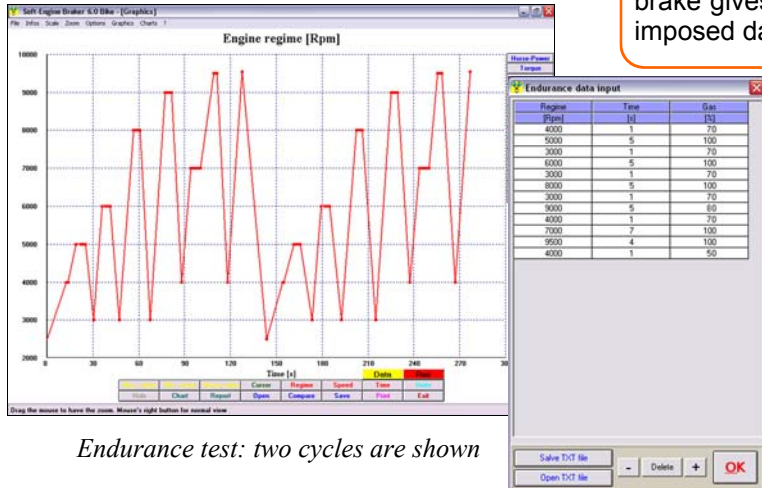


TEST SETTINGS	
Constant	Variable
Scooter	Little Bike
Custom/Travel	Superbike

TEST SETTINGS	
Constant	Road
Inclination angle [°]	0.0
Vehicle and rider weight [Kg]	220.0
Cx - Air resistance coefficient	0.40
Front surface [m²]	1.00
Roller resistance coefficient	0.010

ROAD SIMULATION TEST

Choose the motorcycle model, **default data are automatically displayed.** Modify them and give gas: the motorcycle **acceleration times are the same you can see in a track test!** The eddy current brake gives a quadratic load to simulate the track, according to the imposed data, considering also the weight.



Endurance test: two cycles are shown

ENDURANCE TESTS

By this function is possible to **impose an RPM, Times and Gas opening (%) values;** the eddy current brake stops the engine **for a number of seconds** imposed at each RPM. It is possible to repeat the running-in cycle for many and many times, **to simulate track accelerations for several hours.** It is available an **AUTOMATIC GAS MANAGEMENT SYSTEM**, a "robotic" device that is able to read the TPS position and to accelerate the vehicle in a corresponding way, **without the human presence.**

SOFT-ENGINE srl: DYNAMOMETERS

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