



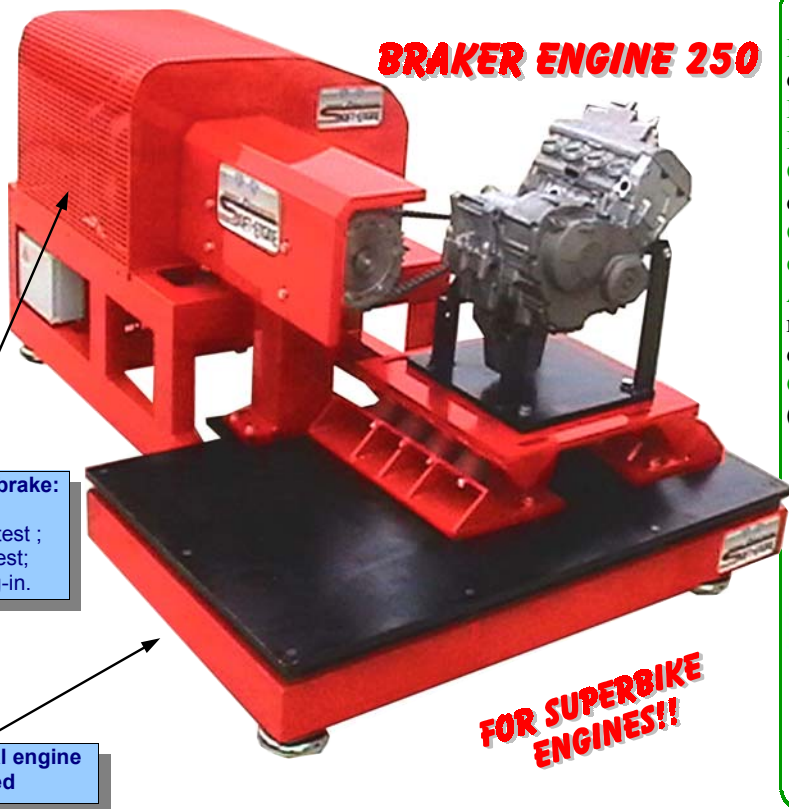
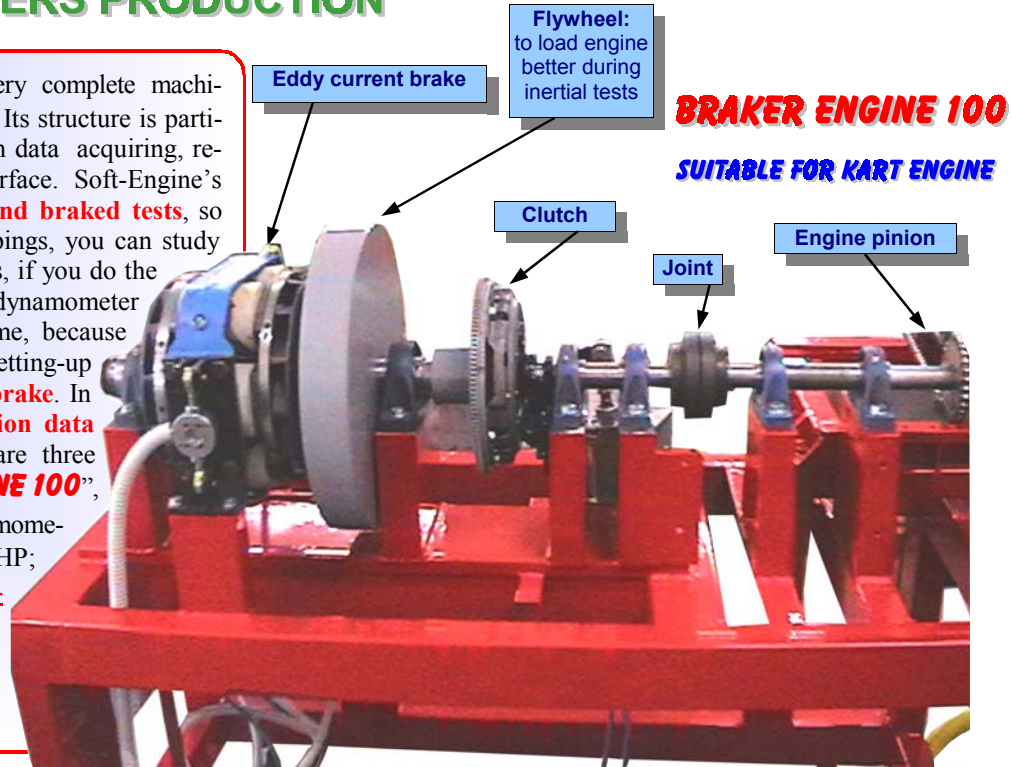
# SOFT-ENGINE DYNAMOMETERS

www.soft-engine.com

## ENGINE DYNAMOMETERS

### ENGINE DYNAMOMETERS PRODUCTION

**SOFT-ENGINE DYNAMOMETERS** are very complete machines, they can test all kinds of motorcycles. Its structure is particularly strong, the software is very good in data acquiring, results analysis and it has a friendly interface. Soft-Engine's dynamometer allow all possible **inertial and braked tests**, so you can use the dyno for **diagnosis**, mappings, you can study engine behaviour or make road simulations, if you do the **"inertial & braker"** combined test. All dynamometer accessories can be added in a second time, because Soft-Engine dynamometer is suitable to setting-up all optional parts, also the **eddy current brake**. In particular, we advise to you the **carburation data acquisition by lambda device**. There are three dynamometer models: **"INERTIAL ENGINE 100"**, **"BRAKER ENGINE 100"**, braked dynamometer, suitable for kart engine up to 100 HP; **"BRAKER ENGINE 250"** for all motorcycle engine models up to 300 HP.



#### Accessories and devices:

- Lambda sensor** to measure carburation data;
- RPM direct data store from ignition** ;
- Exhaust gas temperature**;
- Complete fan system kit** to cool engine during test;
- Complete fan system kit for exhaust gas evacuation** with pipes and joints;
- Automatic meteo device** to measure environment data (included in basic dyno models)
- Command and device console** (included in basic dyno models)



Linear lambda device



Automatic meteo device



Rpm direct store



Fan SE-402



Fan SE 351 for gas evacuation



Command and device console

**SOFT-ENGINE Dynamometers**

**Via del Consorzio, 2 60015 Falconara M.ma (AN) - ITALY**

**Ph. +39-071-9156086 Fax. +39-071-9189118 E-mail: info@soft-engine.com**



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## ENGINE DYNAMOMETERS

### MODEL "INERTIAL ENGINE 100"

This is a very strong mechanic structure **inertial dynamometer** for **minibikes, scooter, little motorbike** (max 70 HP) and **kart 65-125 cc engine**. You can add in a second time the eddy current brake to have a complete dyno, as "BRAKER ENGINE 100" dynamometer model, because the frame is the same. The software "Inertial 4.0" allows all kind of inertial tests.

### MODEL "BRAKER ENGINE 100"

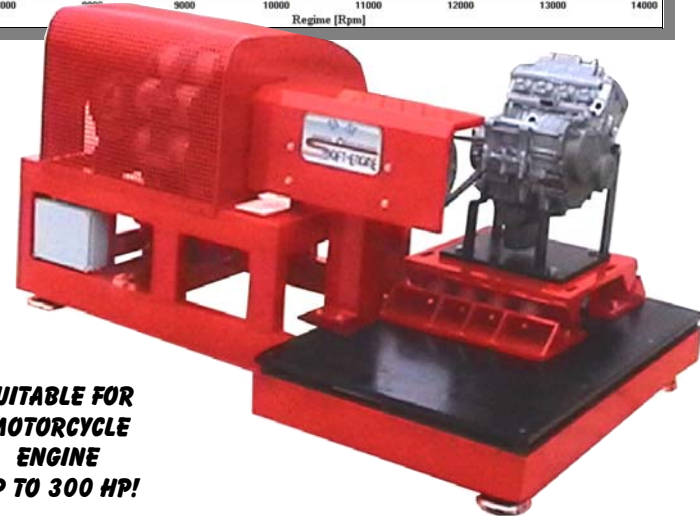
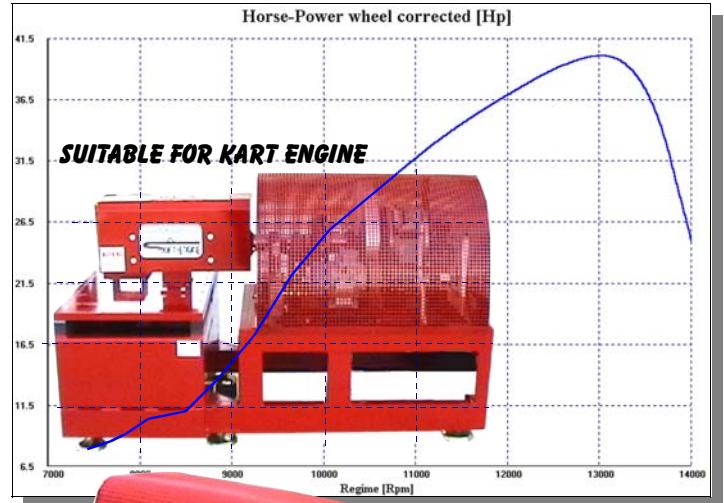
This is the Soft-Engine's **braked dynamometer** for engine. It allows all the inertial and braked test, tests, select the right software option. Eddy current brake allows to **map** the engine, do the **road simulation** and load the engine. There is also the **"Inertial & Braker" test**: you use the dynamometer in inertial mode, but the **eddy current brake** works giving the correct load to the engine. It's very suitable for kart engines. Software **"Braker 4.0"** allows each kind of inertial or braked test.

### MODEL "BRAKER ENGINE 250"

This braked dynamometer for engine allows all kind of braked test for **engine up to 300 Hp**. Dynamometer has a **universal engine bed** to set-up all kind of engines, in particular motorcycle engine. Very complete machine, suitable for each kind of **motorcycle engine**. The software **"Braker 4.0"** allows all kind of inertial test: **"Braker 4.0"** is a powerful software to measure Horsepower, Torque, Velocity, Acceleration, Distance, Carburation data from lambda device, Temperatures etc... Very good about data analysis. Moreover, a complete management of **braked test** is possible: mappings, road simulation, engine running-in, constant and variable load test.

TM  
PCR  
COMER  
BIESSE KART  
CRS  
MOTO POWER

ELTO RACING  
FRIZZI MOTORI  
CRK  
GALIFFA KART  
NOSOTTI CORSE  
AND OTHERS...



## DEALERS WANTED!

INERTIAL ENGINE 100	BRAKER ENGINE 100	BRAKER ENGINE 250
Inertial dynamometer, suitable for kart 60-100-125 CC, little motorcycle, minibike, scooter engine up to 70 CV	Braked and inertial dynamometer, suitable for kart and other kind of engine	Braked dynamometer, suitable for motorcycle engine.
<ul style="list-style-type: none"> <li>• Max. Horse-power: 70 CV</li> <li>• Sizes: 1,780-1,100-1,100 mm</li> <li>• Complete mechanic with flywheel</li> <li>• Silent blocks</li> </ul>	<ul style="list-style-type: none"> <li>• Max. Horse-power: 100 CV</li> <li>• Sizes: 1,780-1,100-1,100 mm</li> <li>• Complete mechanic with flywheel</li> <li>• Silent blocks</li> </ul>	<ul style="list-style-type: none"> <li>• Max. Horse-power: 300 CV</li> <li>• Sizes: 2,020-1,350-1,000 mm</li> <li>• Complete mechanic, with bed</li> <li>• Silent blocks</li> </ul>
<ul style="list-style-type: none"> <li>• Software: "Inertial 4.0"</li> <li>• Pneumatic control commands</li> <li>• Commands and device console</li> <li>• Electric starter</li> <li>• Clutch and disk brake</li> </ul>	<ul style="list-style-type: none"> <li>• Software: "Braker 4.0"</li> <li>• Pneumatic control commands</li> <li>• Commands and device console</li> <li>• Electric starter</li> <li>• Clutch</li> </ul>	<ul style="list-style-type: none"> <li>• Software: "Braker 4.0"</li> <li>• Commands and device console</li> <li>• Electric starter</li> </ul>
<ul style="list-style-type: none"> <li>• Suitable for setting-up the eddy current brake.</li> </ul>	<ul style="list-style-type: none"> <li>• EDDY CURRENT BRAKE: mappings, road simulation, running-in</li> </ul>	<ul style="list-style-type: none"> <li>• EDDY CURRENT BRAKE: mappings, road simulation, running-in</li> </ul>

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