

Gallicchio Stampi srl – De Carlo Vincenzo
Strada del Francese 97/36/H
10156 Torino - Italy
Tel. +39 011 4703501
Fax +39 011 4703509
Mobil +39 3407337614

www.youtube.com/user/studiodvs
www.dcvabi.com
www.dcvabi.tk
info@dcvabi.com

**Subject: Introducing new device DCV – (Dispositivo Cavalletti Variabili) –
Variable Device Stands**

New International Patent Pending Intelligent Motorcycle Stand

01 - Introduction

The device we want to introduce plays a novelty on an international scale, it is the first Intelligent Motorcycle Stand that has ever been invented. At the level of production / sales, it stated as a new philosophy of motorcycle handling, verifiable and applicable to all means of an international circulating vehicles, with opportunities for study and development of new application models for motor vehicles with the device already integrated and fully retracted in the fairings of the means.

The Intelligent Motorcycle Stand was designed, developed and patented in international reach. It has been produced at the level of demonstration prototypes of motorcycles with applications to small, medium, and large displacement in order to test the functionality and development of mechanical parts, electronics plant diagnostics, management and features automatic / manual of the mean's device.

To date, early-stage marketing and advertising promotion started, once again to affirm the creativity, design and congeniality of the Made in Italy.

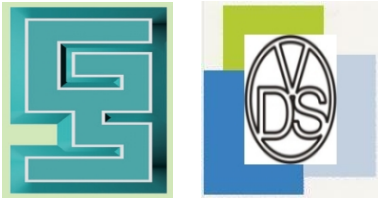
Further details and info are available on our website, where there are also video presentations, reports, designs, demonstration, virtual simulations and more at your disposal to best introduce the working principles of the new device.

It will be particularly welcome the opportunity for a meeting at our office, or your best as you feel, and will help to better reflect the functionality of the device, on opportunities for synergistic collaborations technical / commercial and on possible economic developments that can be taken together.

In thanks for the attention I look forward to your feedback.
Best Regards,

Vincenzo De Carlo

**Attachments: Patent Report
Folding Brochures and demonstration Schemes**



Patent Report : **NEW INTELLIGENT MOTORCYCLE STAND**
DCV – Dispositivo Cavalletti Variabili
“Intelligent Independent Stands on Wheels for scooters and motorcycles”

02 – Introduction, historical analysis and critical

The market for the motorcycle industry, has had over the years a major technological change in terms of mechanization, engines, ultralight materials and shells, in response to the needs of users.

Some features, evidently considered of significant interest from manufacturers, have never been specific developments, not allowing the media to differentiate according to the needs of users in different directions. For this reason, I directed my studies towards a new integrated features to all vehicles on two wheels and designed to improve the usability of the media.

I "stands for stationary and hoisting means are the result of the analysis that starts from these assumptions:

a) In Temporary stops and starts (lights and code), you should always put your feet on the ground with any weather conditions and road surfaces.

The management of the weight of the means in these cases can be a burden, especially when faced by the elderly, disabled or those with particular physical impediments.

b) stop time (park), pick up the mechanical means by a tripod upon which the balance weight lifting: light users (those cases in women) or older may have difficulties in carrying out this act.

c) The traditional tripods have the added inconvenience and difficulties in the management of weight and handling logistics means the risk of annoying scoring mark with flooring dealers.

d) In the motion, the traditional tripods have no function because they remain firmly anchored to the medium and therefore unusable.

From this background emerged the analysis and reflections study on developing innovative and functional device stands Variable follows the evolving use of technology and industrialization of patent applications that call:

NEW INTELLIGENT MOTORCYCLE STAND
“DCV – DISPOSITIVO CAVALLETTI VARIABILI”
INTELLIGENT INDEPENDENT STANDS ON WHEELS FOR SCOOTERS AND
MOTORCYCLES



INTERNATIONAL PATENT PENDING NEW INTELLIGENT MOTORCYCLE STAND

03 - Description of technology use

The DCV system is the design, development and construction of stands for motorcycles, in aluminum, plastic, light alloys, iron, steel and other materials on-wheels or full, independent and adjustable-angle variable, with motorized parts, mechanical levers, automation and diagnosis of logarithmic curves of operation, with integrated electronic process controls.

The DCV system is applicable to the bodywork and chassis of different types of vehicles, making them that is functionally independent of both sides of the means (Right-Left) and in every position roundabout, allowing easy stops in the optimal conditions regardless of the conditions of pavements parking and storage of vehicles, road conditions and the physical condition personally.

The command of descent and ascent of the motorized device independent variable stands, can be started by push button manual or automatic mechanical levers, pedal operated, pneumatic, hydraulic or electronic control unit with processor, the diagnostic framework, connected with a wheel phonic and close reading of the numbers of engine speed and accelerator, providing the necessary reports of safety in the vicinity of use (control of depreciation, cart down / up truck).

It can also provide stands for a self-leveling control system to allow in all road or weather conditions in the balance of the mean and the electronic control center of gravity (weight / power) of the vehicle is stopped or moving. The coordinated control of traffic, useful and necessary especially in curves with particular inclinations of driving can lead to **greater safety for users of the mean** by posting appropriate warning signs of danger.

All stands are equipped with a system of depreciation in proportion to the weight of the vehicle, made independent of the wheels, to allow use of tripods on all road conditions, and subsequent detention in motion (passed the burden of depreciation), in the parking partial lifting of the mean.

Providing appropriate modifications to the frame means, trestles DCV may fall completely in plastic fairings without any obstruction or hindrance to users, and in handling the vehicle, making possible applications with simple modifications to the existing fleet of vehicles. The innovative patent also allows the development of new models with applications on your device "DCV" integrated extensions and potential applications of variations to the media with additional options, to a new philosophy of handling the motorcycle to "360 degrees" in any kind of weather and road giving concrete answers to **"improve the comfort of use of its resources on the safe side"** and the resolutions of the problems of using the problems found, with forecasts of industrial development, production, employment, trade and investment can be easily understood, determined by the number of applications on international markets.

Thanks for your attention



Vincenzo De Carlo

Torino 12 July 2011