



## **NEMESIS TRACTION CONTROL...**

For many years now a professional and properly-developed traction control system (TCS) for motorcycles has only been available to those with the large budgets and top-level Superbike teams – but now all of that has changed! Using knowledge gained at the highest levels of motorcycle sport, Competition Systems Ltd have created retro-fit “plug & play” motorcycle TCS with fully-developed traction control maps.

## **NEMESIS TCS OFFERS 3 KEY ADVANTAGES...**

### **1. You are safer...**

A high-side is usually a painful experience at best – so it’s best not to have them. Nothing is absolutely fool-proof, but this system is as good as it gets, and far better than anything else on the market. After testing the Nemesis system, our instructor Ian Simpson said that it is 95% high-side proof, and far, far safer than anything he has ever ridden. And Ian is a multiple BSB, British Supersport and Isle of Man Champion, so he would know.

### **2. You are faster...**

Riding a bike fast is all about confidence – and this system is sure to vastly improve the confidence of any rider no matter what level of experience they may have.

### **3. You save money...**

High-sides are usually expensive – you’ve got fix the bike, and if you are injured, you can’t work. And a decent rear tyre costs close to £200 these days, so the potential to increase your rear tyre life should not be ignored. Do the maths yourself – just one high-side will probably cost you more than Nemesis TCS, and Nemesis has the potential to increase the life of your rear tyre – so the system can very quickly pay for itself, and after that, you are saving money all the way!

**So do yourself, your family and your company or business a big favour – buy Nemesis-TCS and enjoy your riding with less risk and less cost.**

## **HOW MUCH DOES IT COST?**

The price for a complete Nemesis traction control system is £1490 + VAT. The kit comes complete with installation guides, all the necessary mounting brackets and a wiring loom (all designed specifically to fit your bike).

## **WHY NEMESIS?**

Cheap aftermarket traction control kits available for motorcycles, but Nemesis has one major advantage – it works properly! Here are some unique Nemesis features – you will not find all these features on any of the other aftermarket systems...

**1. Nemesis is fully adjustable** via a handlebar mounted switch, and can be switched off altogether if required. Adjustment is from level 1 (pro rider – minimal control) to level 8 (amateur rider – lots of control). Nemesis is so user-friendly and unobtrusive that you probably won’t notice it working most of the time, so there is also a level 9 (test) setting just so you can check that it is working!

**2. Nemesis uses several progressive power reduction and “soft-cut” strategies** to provide intuitive, seamless and unobtrusive control. When a slide starts, Nemesis initially makes very minor power reductions, but these are so minor that the rider cannot actually feel them in most cases, and the bike still drives forward as it should. Nemesis is almost correcting the slide before it happens. In short, because it reacts faster, it has to react less – this is why the system is so user-friendly and unobtrusive. If necessary, Nemesis will cut the ignition to prevent a slide – but for the vast majority of the time, a cut is not necessary. Cheaper and cruder systems react later and more severely by cutting the ignition every time a slide is detected, which is much less effective and far more intrusive.

**3. Nemesis has the potential to improve rear tyre life** – particularly for faster and more experienced riders. Some top level riders have found that their rear tyres last twice as long, so Nemesis can save the user money day by day. Due to the crude nature of other aftermarket systems, they do not tend to increase tyre life.

**4. Tyre-specific maps are installed** – this is very important because the characteristics of every tyre are different, so tyre-specific maps are required for the efficient operation of any system. If you change your tyre brand/type, new maps are available free of charge.

**5. Nemesis has a very clever “virtual front wheel speed” strategy to cope with wheelies** – so traction control is still possible even during a wheelie. A degree of anti-wheelie control is built into the system (especially for the lower gears), but crucially, it does not entirely prevent wheelies because doing so would actually make you slower.

**6. Nemesis is a true “plug & play” system** – every kit comes complete with mounting brackets and a wiring loom that have been specifically designed for your bike – so all you have to do is plug and play!

**7. Nemesis comes with a pit-lane speed limiter and a quick-shifter input** that suits most quick-shifters. Running your quick-shifter via Nemesis will improve its performance and your bike’s longevity because the unique power reduction and soft-cut strategies are also be applied to your quick-shifter – so instead of a crude ignition cut, which can initiate a slide when changing gear mid-corner, and is very hard on your engine, gearbox and chain, the power is re-applied instantly, but in a smoother and more controlled manner – this reduces the possibility of a slide and is more gentle on your bike.

## **WHY TRACK SENSE?**

We have an exclusive arrangement with Competition Systems, and on request, we can provide a discount/support voucher free of charge. If you present the voucher to Competition Systems at the point of sale, you can take advantage of the following exclusive benefits...

### **No quibble money-back guarantee...**

If you fit a Nemesis system and you think that your bike is faster or safer without it, the system will be removed free of charge, and you will be refunded in full.

### **Discount available...**

In addition to the above, you can choose from any one of the following...

Free fitting at the Competition Systems workshop near Newbury, Berkshire (normally £195 + VAT).

Or, if you prefer to fit the system yourself, you can get a free home installation kit containing the tools/software you will need (normally £160 + VAT) plus a free installation check at the Competition Systems workshop if required.

Or, if you would prefer to have the system fitted by your local Nemesis dealer, you can get a £150 Track Sense gift voucher that can be used as payment for any Track Sense event, or for any goods/services supplied by us.

## **IS NEMESIS AVAILABLE FOR MY BIKE?**

Currently Nemesis is available for all of the following models:

Ducati: 749, 999, 848, 1098, 1098R, 1198, Streetfighter, Desmosedici RR, 748, 916, 996R, 998 & NCR Millona.

Honda: CBR1000RR (2004-2011) & CBR600RR (2003-2006)

Suzuki: GSXR600, 750 & 1000 (2004-2015)

Yamaha: YZF-R1 (2004-2011) & YZF-R6 (2006-2011)

Kawasaki: ZX10R (2004-2010)

KTM: RC8, RC8R (twin coil & single coil), Superduke & Superduke R

MV Agusta: F4-1000R (including R312)

Triumph: 675 Daytona (2006-2011)

Moto Guzzi: MGS-01

## **WANT TO TAKE ADVANTAGE OF THE EXCLUSIVE TRACK SENSE BENEFITS LISTED ABOVE?**

Simply contact Track Sense stating the make, model & year of your bike, and which support option you would like (free fitting, free home installation kit, or £150 Track Sense voucher).

## **TESTIMONIALS...**

*"I've tried a couple of traction control systems before, and I've never been overly impressed – until now that is. I tested a Ducati fitted with the Nemesis system at Jerez, and my initial and overwhelming impression was one of safety – in my opinion, this system made the bike 95% high-side proof."*

*You probably could high-side the bike if you really wanted to, but you'd have to try very hard to do it – and the increased confidence that this system will give to any track day rider is very likely to make them faster, and it will definitely make them safer."*

**Ian Simpson – Track Sense instructor, 5 times British Champion & 3 times IOM Champion.**

*"The use of the Nemesis TCS is very easy and smooth... We ended using setting 5 – this gave us lots of confidence out of the corners with only a little spin and some small slides. The TCS interaction is not noticeable – but the on-board camera shows the TCS activity. The feeling when the TCS is "interfering" is indeed very smooth – like there is a second hand holding back on the throttle opening. Conditions were sunny and dry.*

*Another consequence using Nemesis TCS is tyre wear – where I can conclude that we are close to double the rear tyre life. Seen from a business perspective (return of investment), based on tyre cost savings alone it is close to 1 year. And based on high-sides (we had 2 last year) it is also 1 year – and that does not include the lost income after the high-side where one is not able to work.*

*My summary and advice to fellow racers – no matter what skill level – do yourself, your family and your company a big favour – buy Nemesis TCS and enjoy racing with less risk and less cost."*

**Preben Lind – Team Manager – Swedish Open Superbike**

*"This is a really impressive piece of kit.*

*I was contemplating giving up track days having fallen off a few times and lost my confidence after a high-side. This system has restored my faith as it removes the uncertainty when exiting corners no matter how ham-fisted you are. It is also very unobtrusive with you being virtually unaware of any input from the system. The conclusion is that I can't really fault it, and unless you are some sort of track god there does not appear to be any valid reason why you wouldn't purchase it. It has certainly brought back the enjoyment of track days."*

**Chris Goldsmith – track day rider – Yamaha R1**

*"I rode the bike on Saturday using the Q2 map and was very impressed. It must have been working good for me because I was giving it enough throttle to launch me into orbit and it never did, yet I never even felt it working. I had it on level 5 and bumped it to 4 once just to mess around in the race. I ended up winning the heavy solo race and there were streams of water run-off flowing at the entrance of 2 turns. Thanks TCS!"*

**Matt Carr – Ducati Indianapolis**

*"What has Traction control done for me? That's an easy question to answer – it has taken away any fear factor of opening the throttle out of corners. It's so good I am now trying to teach myself to apply more throttle than your brain says you should when still banked over. Shame I'm not 14 and fearless."*

**Peter Arrigoni – track day rider – MV Agusta F1000R**

*"At level 3, I could only feel it in a couple of specific spots on the track, and only when I intentionally twisted the throttle harder than I would in the absence of TCS. I found the system very intuitive, it did exactly what I expected it to do, and it really provides a lot of confidence as a rider. Great system, I was thoroughly impressed and looking forward to the rest of the season! Also, my rear tire looked like new at the end of the day, another side benefit of the system!"*

**Jarel Jensen – Ducati Omaha**

*"Having had Nemesis fitted to my 2008 R1, I've got nothing but praise for the system. It has given me the confidence to ride the bike hard again after a big off a couple of years ago. I tried it out on the same circuit that I had my off on and I didn't have to think about a thing as it made the bike so much easier to ride and my lap times came tumbling down. Not quite a track God, but it put me back into the middle of the fast group riders again."*

**Nigel Summers – track day rider – Yamaha R1**

*"The drive off the bends is truly unnerving. Before my bike would get very loose on the rear at about 6k leant over, now it just hooks up and fecks off! If I could show you pictures of my old tyres, all torn up where the bike would really dig in, and then a pic of my current tyre, you wouldn't believe the difference. As a reference, I was doing the same lap times as my usual reference point competitors do in full race conditions without even driving at the corners. I was basically faffing around on the straights, but trying to see what drive I had off the corners and I still matched their lap times!! I honestly reckon on their being 4 seconds plus per lap in this system."*

**Steve Bassington – South Africa**

**FOR MORE NEMESIS-TCS INFO PLEASE VISIT THE COMPETITION SYSTEMS WEBSITE**

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