





ith many manufacturers competing for sales, and a vast range of machines on the market, enduro fanatics are truly spoilt for choice. Gone are the days of having to live with a high-revving 250cc or taming a 450cc or 500cc powerhouse. We now have a mid-capacity class that can give us the best of both worlds.

Most European manufacturers have come up with their own distinctive contenders for this booming category which leaves us with the Sherco SEF-R 300, Beta's RR350 and two Austrian/Italian/Swedish cousins: the KTM 350EXC and Husqvarna FE350. Beta also has a second option in the RR390.

Although this band of renegades has its own category, the different capacities mean that a direct shootout would not really do each machine justice. Instead, we decided to simply highlight the positives and negatives of each bike and focus on what type of riding each bike is best suited to.

TESTING GROUNDS

After a late arrival into Melbourne airport, an evening trip down the Great Ocean Road and minimal sleep, I found myself in the beautiful Victorian bush and the designated enduro riding area in the Angahook-Lorne State Park. The terrain on offer was mixed singletrack of hard-pack and sand, and also some fast and very whooped out sand sections.

Riders on hand were Con Thermos, who is an experienced trail tour operator and has had seat time on almost every enduro bike available, Cam Donald who is a professional road racer with a passion for dirt bikes who spends a heap of time cross training on either enduro or trials bikes, *ADB* Editor Mitch Lees, who has ridden everything from a 250cc through to a 1200cc, and myself, *ADB*'s Enduro Editor and ex-pro enduro racer.

I have been lucky enough to ride practically every enduro bike on the market over the last few years. With a great riding spot and a group of riders with varied abilities and interests, we had all the elements needed to get a good idea of exactly how each bike goes about its business. Here's what we found:

300-400CC FOUR-STROKE ENDUROS HUSQVARNA FE350 SHERCO SEF-R 300 KTM 350EXC BETA RR350 BETA RR390

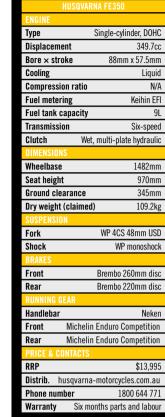














HANDLING

Although I found the Husky to be a little unsettled through high-speed, rough terrain, it was the bike that maintained good handling for a wide variety of terrain and for different riding abilities

THIS ENGINE WOULD, WITHOUT A DOUBT, BE A REAL STANDOUT FOR TRAIL RIDERS

offer much rider feedback, so the Like previous models, my only Husky feels identical to last year's. issue with the suspension and That's not a bad thing. The handling of the Husky was simply Husky has great handling. It that the 4CS fork dives through really swallows any type of terrain. the stroke too far when riding at For standard equipment, the pace. This often upsets your WP suspension is the best approach to corners and leaves package on offer (it's similar you wide of your intended line.

There have not been any huge

Changes to graphics, seat cover

and exhaust internals don't really

equipment to that on the Sherco).

The 4CS fork soaks up small chop

linkage seems to allow the rear of

the bike to squat just enough to

easily and the WP shock with

changes to the FE this year.

Cam, who is lighter than me, agreed: "The FE350 is plusher than the KTM."

keep the back wheel tracking

across rough terrain, but not

bike a chopper-like ride.

squat so much that it gives the

Mitch found the Husky hard to stop and guide through corners.

"I found the FE350 really hard to pull up coming into corners compared with the Sherco. Probably because the Sherco's a more nimble, smaller package," he said.

Oddly enough, the power delivery on the Husky felt different to the KTM.

We agreed that the Husky was smoother through the bottom-end to mid-range but slightly down on top-end grunt.

The likely cause: a different airbox from the KTM resulting from the composite subframe. But the extremely smooth power curve, paired with the amazing

clutch feel, makes nasty hillclimbs and slippery sections easy. This engine would, without a doubt, be a real standout for trail riders.

At 183cm (6ft) I have issues with the Husky's cramped riding position. There's a big dip in the middle of the seat that leaves the footpegs and seat too close together.

A flat, aftermarket seat would be my first purchase for this bike.

Con also said he didn't like the ergos as much as some of the others.

"I found you tended to sit down into the bike rather than on top and also thought the tank felt wide in comparison to the KTM," he said.

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300-400CC FOUR-STROKE ENDUROS HUSQVARNA FE350 SHERCO SEF-R 300 **KTM 350EXC** BETA RR350 BETA RR390









Displacemen 303.68cc 84mm x 54.8 Bore × stroke Liquid N/A Compression ratio Fuel metering Syneriect EFI Tank capacity 8.5L Six-speed Clutch Wet, multi-plate hydraulic DIMENSION 1480mm Wheelbase Seat height 950mm Ground clearance 355mm Dry weight SUSPENSION WP 48mm USD WP monoshock Brembo 260mm disc Brembo 220mm disc landlebar Front Michelin Enduro Competition Michelin Enduro Competition **PRICE & CONTACTS** \$12,690 sherco.com.au (03) 58363 1600 Warranty Six months parts and labour

SHERCO SEF-R 300



Both the Sherco and Beta were in a close fight for this one. Both bikes felt incredibly nimble but the Sherco just got the edge due to its predictable handling in these tight sections

ONCE I STARTED RIDING WITH MORE AGGRESSION AND BEGAN REVVING THE ENGINE HIGHER, THE 300 REALLY STARTED TO PERFORM

The Sherco is in a class of its own in terms of the riding style required to make it work. At first I found the Sherco down on power and with nervous handling capabilities. After putting in a little more seat time, I realised This really comes down to its the reason I'd judged it so harshly was that I thought it should feel and handle like a 350cc.

The 300cc Sherco feels much more like a beefed up 250cc than a 350cc and the style required to make the bike work is in tune with this characteristic. Once I started riding with more aggression and begun revving the

engine higher, the 300 really started to perform. I soon realised that my corner speed had increased and that I was able to take a different, and often tighter, line than on any other machine.

incredibly agile handling. Even though it's a similar model of suspension, the WP kit has a completely different action to that of the Husqvarna. The shock sits very high in the stroke, which accounts for its ability to hold tight lines and really knife the front wheel through turns. The fact that the Sherco turns on a

dime means it inevitably feels a little skittish at speed.

When we consider the ergos, the elephant in the Sherco closet is that this bike feels so small. Not necessarily in height but most definitely in length.

The wheelbase feels shorter than anything else out there. When trail riding through tight and technical sections the bike has an almost mountain bike like feel, which is a great atribute in tight terrain.

The rest of the time it felt like the front wheel was almost below the engine. Besides the sharp

handling and nervous feel at speed, this also gives the cockpit a very crowded and cramped feel. The adjustable handlebar clamps came in handy here and the furthest position forward made things a little roomier.

The top-end of the Sherco was impressive and gave a feel similar to that of a tricked-up 250 motocrosser. I really had to remind myself to stay in a lower gear and just let the thing have its legs with a southern twist of the throttle.

Mitch also liked the top-end but found he struggled on

hillclimbs due to a lack of bottom-end power.

"I just found that I wasn't getting up the steep hills as well as I could because it just doesn't quite have that lugging capability," he said.

Of course this is where the

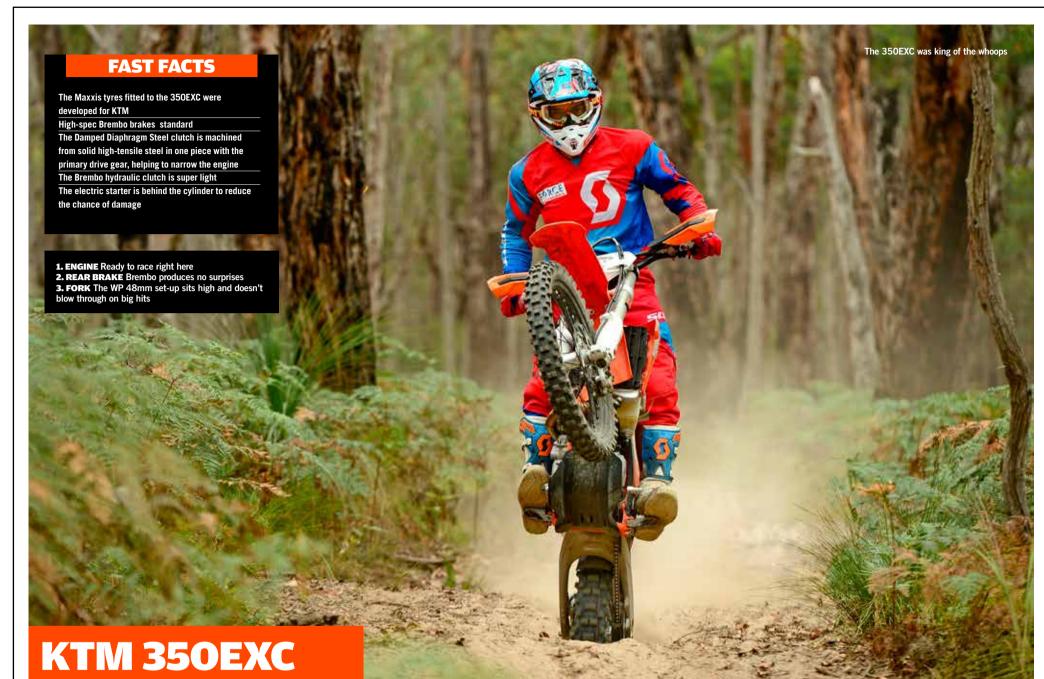
50cc less in the pot really comes into play. I think a slight change in approach to hillclimbs is required on this bike but when you consider the added benefit of a lighter and precise feel it all pretty much evens out.

The dual map ignition is an

amazing feature that allows you to tone things down or leave it in fast mode.

Cam said: "I found the map switch made a big difference in the power delivery and this would be a real positive for both trail riders and racers.'

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THIS WAS THE ONLY BIKE THAT I FELT TRULY CONFIDENT ON THROUGH THE DEEP SAND WHOOPS

job on the updates to this model.

If you wanted to take a bike out of
the crate and go racing, then the
KTM is your machine.

The KTM handled race pace

Team Orange has done a sterling

through rough sections incredibly well and made you feel as though you had everything under control.

This was the only bike that I felt truly confident on through the deep sand whoops. I could enter the straight and loft the front through the deep holes without too much concern about where it was going to land. This confidence-inspiring front-end

came down to its positioning.

The front-end sat high in the stroke and didn't blow through on hard hits, much like the Betas.
This great fork was backed up by a solid shock that would track well in tricky sections but, most importantly, had the low-speed compression needed to stand up

to the big hits without bottoming or rebounding out of control.

Cam said: "I thought the KTM was the most versatile and forgiving bike."

Mitch said: "When I rode the KTM through the whoops I thought, 'I've finally got this section nailed'. This really just

came down to the fact that I was confident that this bike would not unexpectedly get all swapped up and spit me off."

This really enables you to tackle obstacles or rough sections with aggression and confidence.
Suspension settings are always a give-and-take thing and the down

side to this race-pace setup is only that it doesn't track quite as well across rocky tree-root sections.

The KTM seemed to have a broader powerband that gave the option of either short shifting or bouncing off the rev limiter. The throttle has a more snappy, race-like feel than the other bikes.

Everything is in the perfect position on the KTM. I really feel like I'm able to maintain a textbook riding style on the Kato and that really just comes down to how everything is positioned. The handlebar, seat and footpeg position are ideal.







	VTM 2505VC
KTM 350EXC Engine	
Туре	Single-cylinder, DOHC
Displacement	349 7cc
Bore × stroke	0.00.00
Cooling	Liquid
Compression	11
Fuel metering	
Tank capacity	9L
Transmission	Six-speed
Clutch	Wet, multi-plate hydraulic
DIMENSIONS	
Wheelbase	1482mm
Seat height	970mm
Ground cleara	nce 345mm
Dry weight	107.2kg
SUSPENSION	
Fork	48mm WP USD fork
Shock	WP PDS
BRAKES	
Front	Brembo 260mm disc
Rear	Brembo 220mm disc
RUNNING GEAL	R
Handlebar	Neken alloy
Front	Maxxis 80/10x21
Rear	Maxxis 120/80x18
PRICE & CONTACTS	
RRP	\$13,495
Distributor	ktm.com.au
Phone number	
Warranty	Six months parts and labour



BEST RACE BIKE

At race pace the KTM is night and day ahead of its competition due to superior handling and a broad powerful engine

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300-400CC FOUR-STROKE ENDUROS HUSQVARNA FE350 SHERCO SEF-R 300 BETA RR350 **KTM 350EXC** BETA RR390













With some significant updates for 2015, Beta has taken a huge step forward and this bike is now a capable race machine or a lively trailbike

THE DROP IN WEIGHT AND SUSPENSION MODIFICATIONS HAVE MADE A HUGE IMPROVEMENT TO THE OVERALL HANDLING

The 350 Beta really allows makes it more precise. you to keep a constant and At 105kg with gear, Mitch smooth flow through these noticed this the most, "It's sections and avoid riding with an [Beta] a massive difference unsettling, stop and start between the 350 and the 390. pattern. Although the fork held It feels responsive wherever you up strong and high through the are in the rev range". rough sections, the shock blew

The Beta and the KTM engines felt the fastest of the 350s, "The engine I really liked. It had good power. It was nearly as fast as the KTM!" Con said.

The other big change for the

350 was the switch to electronic

Synerject throttle body, the Beta

fuel injection. Fed by a 42mm

now has a crisp response that

Pair this accurate fuel delivery, with the light Brembo hydraulic clutch and you have the perfect ingredients to make technical climbs a breeze. Riders with a trials background will love this aspect of the Beta. It enables you to make a plan of action and execute it the way you intended.

The ergos offer a different feel to the other machines. With a low, flat seat, you can get your weight forward, over the front.

The low seat brought up some differing views from our testers. Mitch and I found the seat too low, making for a cramped riding

position. However, both Cam and Con said they really liked the seat for low-speed, technical terrain and thought that a lot of trail riders who spend much of their rides in paddle mode would also find this to be a positive aspect of the Beta's ergos.

Cam said: "At Low speed it had very sharp steering but at high speed it felt a bit vague."

Everyone agreed that the Nissin brakes were substantial and did a fine job, but they were a little behind the eight ball compared to the progressive and

predictable Brembos.

Compared directly to the other 350s, the Beta needed to be revved hard and ridden aggressively. The engine was linear and strong throughout the range but had a stand out, top-end power delivery.

The main focus for Beta's 2015 four-stroke range, was to shed weight from the engine and improve handling. A reduction in material through the crankcase lead to nearly 2kg coming off the RR350 engine.

home in tight and technical

This was most noticeable

with endless switch backs.

when riding singletrack sections

through the stroke on the hard

rates, valving and sag settings.

hits. This could be easily

overcome with stiffer spring

terrain due to its agility.

An increase in low-speed compression damping to both the Marzocchi fork and Sachs shock have been made with the aim of achieving a better balance front and rear.

The drop in weight and suspension modifications have made a huge improvement to the overall handling. It feels most at

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The 390 really stands out as a great trailbike because of its ability to lug you up hills with ease, like a big bore, but still has the handling characteristics of a smaller-capacity machine

I WAS SURPRISED THAT THE 390 WASN'T **INJECTED BECAUSE IT HAD THE SMOOTHEST THROTTLE RESPONSE**

was a massive difference between the 350 and 390. The 350 is a race bike, whereas the 390 is a fantastic trailbike." The RR390 is a bike that you

can ride comfortably on those long-day trail rides. The power delivery is all torque at first, giving this machine unreal climbing ability.

The obvious question here is

that, in this case, it does.

"does 40cc really make all that

much difference?" The answer is

Mitch said: "I thought there

really pick that this bike did not

have the EFI of its smaller with plenty of snap to get you legs of a 450.

handling made it a great hill bottom-end to chug along while to adjust to, with an extremely low seat but tall front-end.

After spending more time on the Betas we all became reasonably comfortable with the feel and this simply required a little more effort to get your riding position and technique right when

capacity sibling. In fact, Cam instantly up and over obstacles. climbing machine. Like the 350, said: "I was surprised that the One of the main reasons the 390 the RR390 is very agile and most compared to the other bikes. 390 wasn't injected because it is more suited to trail riding than at home in tighter sections of Overall the 390 has a slim had the smoothest throttle racing is its slight lack of top-end. trail. You can take a slightly and nimble feel that I would response. I thought the great The 390 doesn't rev out like the different approach to these tight easily gel with after making bottom-end and excellent throttle 350 but it also doesn't have the sections on the 390 and allow the some personal tweaks such as response makes this the ideal a different handlebar, higher In all honesty, none of us could climbing weapon.' The engine characteristics and short shifting. seat and stiffer shock valving The mid-range is still strong Beta's slow speed trials-like The ergos again took some time and spring.

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THAT'S A WRAP

When we consider the highlights of these mid-sized bikes over their smaller and bigger rivals, the standout point is their versatility, particularly as trailbikes. As a group we decided it was hard to shy away from the KTM as the "do-it-all machine", but the truth is each bike stood head and shoulders above the rest in it's own area of expertise.

Whether you're a smooth operator or ride with aggression, a mid-capacity machine

makes life easy. The fact that none of these machines fits the usual racing classes does not mean they aren't capable of being good race bikes either. With the right rider, each of them is capable of winning races, no matter what they're up against.

- 1. DUST STORM The Kato will need a filter clean 2. FLIGHT DECK The Sherco gets the bars moved
- 3. PHOTO CALL The boys discuss options
- 4. LUNCH The Gingerbread House is here somewhere







