

# SPORTMINICYCLES 2005



**KTM**



# LITTLE HEROES ...»



» Real motocross is way cooler than on any computer game! You give everything you've got on the racecourse. You scramble with the others for every metre, dodge them in the curve and jump over mega-humps at full throttle. Because you want only one thing – to win, right? And anybody who can get on the gas like a grown-up ought to be riding on a motorcycle that can do just that. Makes sense, doesn't it?







» ... DOING GREAT THINGS!

Can you imagine anything more wonderful than the shining eyes of your child beneath an over-sized crash helmet? Excitement, fun and lots of pride glow in them as well. And in their hand, the very first, hard-won trophy. Finally coming out on top. You're almost more excited than they are. To make sure that the scenario doesn't change, we in the KTM development department take handling, performance and safety for the kids' bikes just as seriously as we do for the big, offroad models. With a KTM sport minicycle, you'll be true to your parental responsibility and always have plenty of reasons to celebrate with your child at the end of the race.

» Jump with that thing! When your wheels lose contact with the ground for the very first time it's a pretty scary feeling. Take it slow at first and accelerate only when you feel confident. Because one thing is sure. On your new KTM, you'll be making really big jumps in the future.



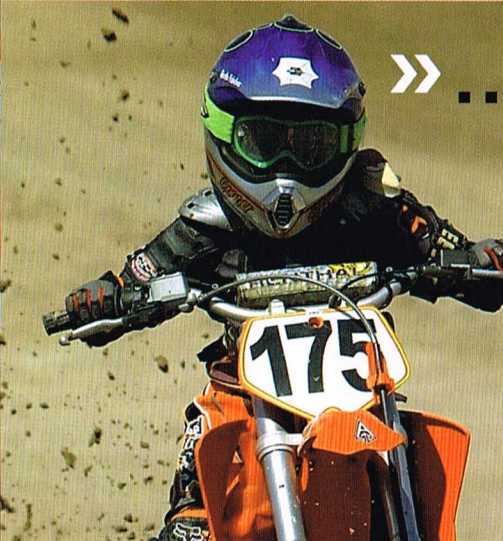
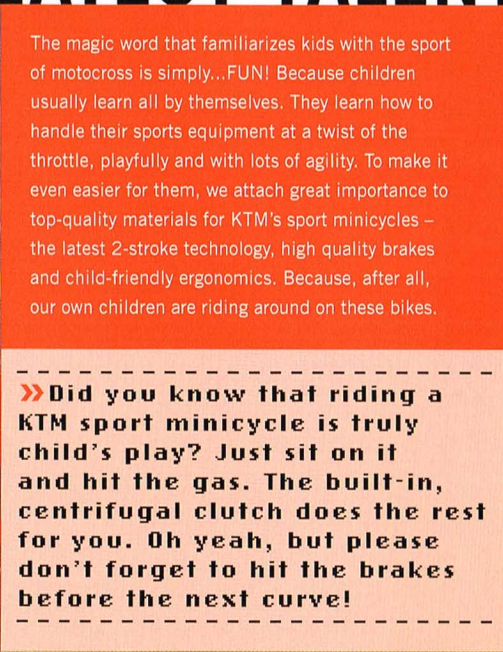
# EVEN THE GREATEST TALENTS ...»

The magic word that familiarizes kids with the sport of motocross is simply...FUN! Because children usually learn all by themselves. They learn how to handle their sports equipment at a twist of the throttle, playfully and with lots of agility. To make it even easier for them, we attach great importance to top-quality materials for KTM's sport minicycles – the latest 2-stroke technology, high quality brakes and child-friendly ergonomics. Because, after all, our own children are riding around on these bikes.

» Did you know that riding a KTM sport minicycle is truly child's play? Just sit on it and hit the gas. The built-in, centrifugal clutch does the rest for you. Oh yeah, but please don't forget to hit the brakes before the next curve!

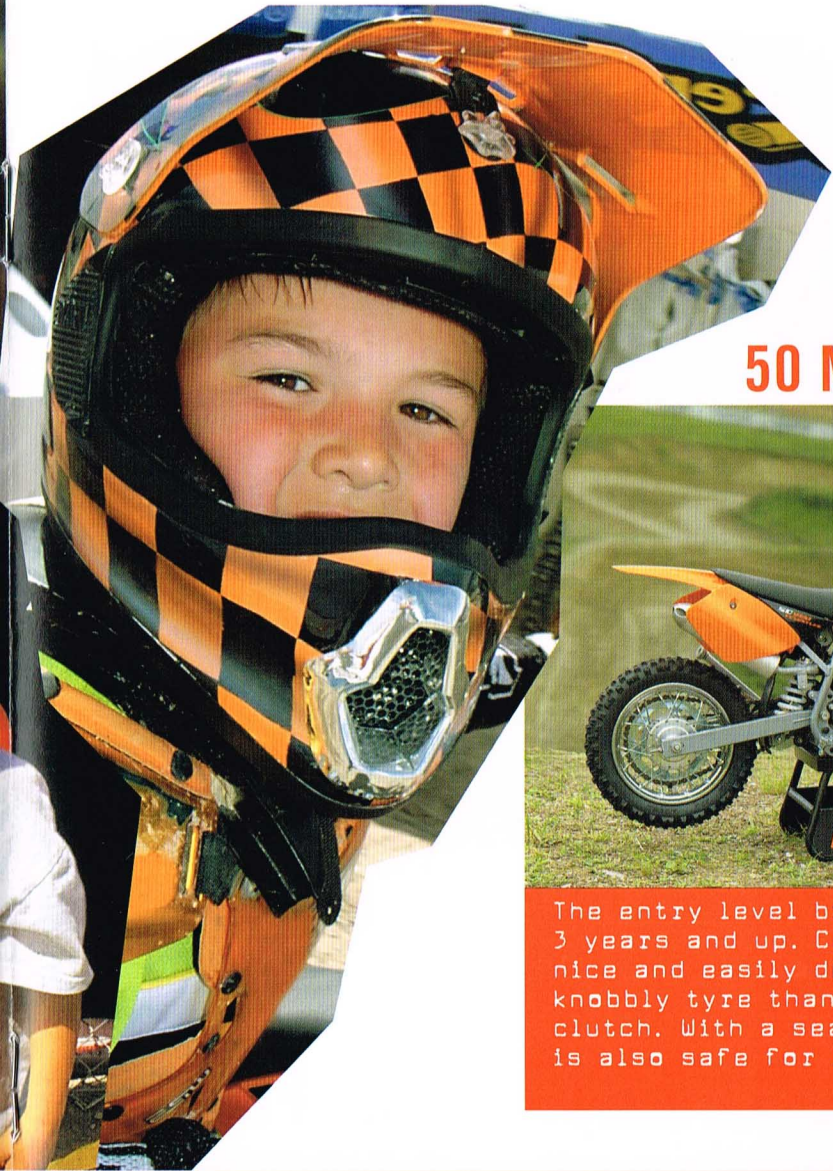
## » ... START SMALL.

» Once you've caught racing fever, there's no holding you back. Full throttle, with an extended leg into every berm and then you're barrelling out of the curve like you were shot from a cannon. In time, you'll get better at it and if you keep working at it, lap by lap, one day you'll be leading the pack over the finish line for the very first time. Wouldn't that be great?





# STATE-OF-THE-ART TECHNOLOGY ...»



## 50 MINI ADVENTURE



The entry level bike for kids from 3 years and up. Controllable power is nice and easily delivered to the rear knobby tyre thanks to the centrifugal clutch. With a seat height of 530 mm it is also safe for little ones to ride.

First up it should be fun. Because it's only when you like doing something that you do it well. And so that today's juniors can ride circles around the seniors in a couple of years, we pack state-of-the-art technology into our smallest motorcycles as well. Constructed by racers for racers to have fun – and naturally, to win.

Long suspension travel, front and rear disc brakes, and the sharpest performance that you can get for your money in this class. Adjustable seat height from 650 mm for young guns between 6 and 9 years old.



## 50 SX PRO SENIOR LC

» FOR THE WEE ONES.



# WHEN TEENAGERS LEAVE THE NEST, ...»

... over long tables and gnarly whoops! Because as grown-up crossers, the new 65 and 85 SX can easily absorb every jump. And these hot machines don't leave out any techy gadgets, either. Their fully-fledged WP suspension, hydraulic 4-piston disc brakes and hydraulic clutch, their lighter and torsion-resistant chromoly frame shows the competition that orange again rules the miniworld. So your abilities on the racecourse and your self-confidence will grow right along with your height. Let's be honest: it's easier to live with a few pimples on your face when you've got a trophy in your hand.

## 65 SX



Motorcycling for the advanced: 6-shift gear-box, hydraulic clutch, Marzocchi Upside Down forks, WP shock, everything fully adjustable. Seat-height from 750 mm, suitable for 6 to 9 year-olds.

Fully-fledged race bike with 43 mm WP USD forks and fully adjustable PDS shock, exhaust control with centrifugal force timing for juicy torque and the highest performance. Seat-height from 900 mm, for racers from 11 to 15 years old.



AVAILABLE IN SMALL AND BIG WHEEL SIZES.

## 85 SX

» ... IT'S BEST TO JUST LET THEM FLY ...



# TECHNICAL SPECIFICATIONS. »

## 50 MINI ADVENTURE »



## 50 SX PRO SENIOR LC »



## 65 SX »

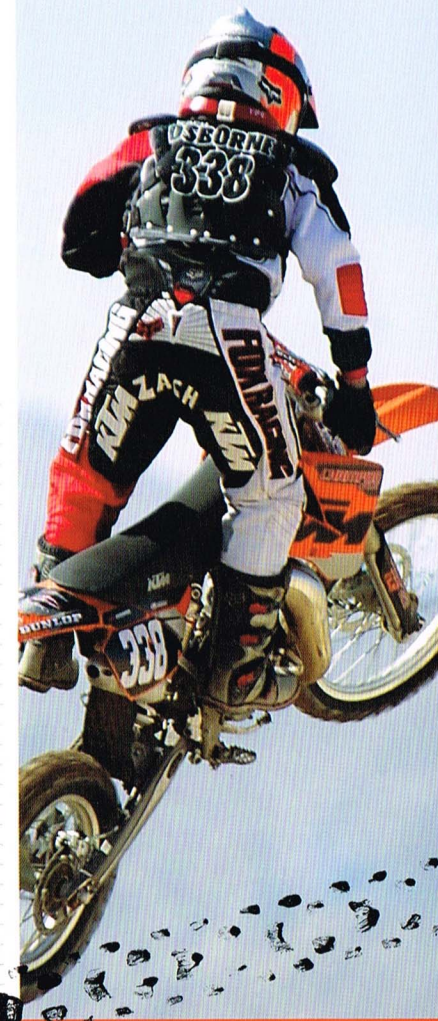


## 85 SX »



|   |                                  |                                  |   |  |
|---|----------------------------------|----------------------------------|---|--|
| <b>ENGINE TYPE</b>                          | single cylinder, 2-stroke        | single cylinder, 2-stroke        | single cylinder, 2-stroke                     | single cylinder, 2-stroke                            |
| <b>DISPLACEMENT</b>                         | 49 cc                            | 49 cc                            | 64.9 cc                                       | 84.9 cc  |
| <b>BORE/STROKE</b>                          | 39.5/40 mm                       | 39.5/40 mm                       | 45/40.8 mm                                    | 47/48.95 mm  |
| <b>STARTER</b>                              | Kickstarter                      | Kickstarter                      | Kickstarter                                   | Kickstarter  |
| <b>CARBURETTOR</b>                          | Dell'Orto PHVA 12 XS             | Dell'Orto PHBG 19 BS             | Mikuni VM 24                                  | Keihin PWK 28  |
| <b>ENGINE LUBRICATION</b>                   | separate lubrication             | mixture lubrication 1:40         | mixture lubrication 1:40                      | mixture lubrication 1:40                             |
| <b>PRIMARY RATIO</b>                        | 16:57                            | 16:57                            | 23:75   | 19:66  |
| <b>COOLING</b>                              | air cooled                       | liquid cooled                    | liquid cooled                                 | liquid cooled  |
| <b>CLUTCH</b>                               | centrifugal clutch (adjustable)  | centrifugal clutch (adjustable)  | wet multi-disc clutch, operated hydraulically | wet multi-disc clutch, operated hydraulically        |
| <b>IGNITION</b>                             | Selectra analog                  | Selectra analog                  | Moric digital 2M1                             | Moric digital 2M1                                    |
| <b>CHASSIS</b>                              |                                  |                                  |   |  |
| <b>FRAME</b>                                | central double-cradle-type frame | central double-cradle-type frame | central double-cradle-type frame              | central double-cradle-type frame                     |
| <b>FRAMEWORK TAIL</b>                       | Steel                            | Steel                            | aluminum                                      | aluminum   |
| <b>HANDLEBAR</b>                            | Alu D22                          | Alu D22                          | Alu D22                                       | Alu D22  |
| <b>FRONT SUSPENSION</b>                     | Marzocchi Ø 32 mm                | Marzocchi Ø 32 mm                | USD Marzocchi Ø 35 mm                         | WP USD Ø 43 mm                                       |
| <b>REAR SUSPENSION</b>                      | Paioli monoshock                 | WP monoshock                     | WP monoshock                                  | WP monoshock   |
| <b>SUSPENSION TRAVEL FRONT/REAR</b>         | 120/190 mm                       | 185/185 mm                       | 220/270 mm                                    | 275/300 mm   |
| <b>FRONT BRAKE</b>                          | drum brake Ø 90 mm               | disk brake Ø 160 mm              | disc brake Ø 200 mm                           | disc brake Ø 220 mm                                  |
| <b>REAR BRAKE</b>                           | drum brake Ø 90 mm               | drum brake Ø 160 mm              | disc brake Ø 160 mm                           | disc brake Ø 200 mm                                  |
| <b>FRONT/REAR RIM</b>                       | 1.5 x 10"; 1.5 x 10"             | 1.6 x 12"; 1.6 x 10" Alu         | 1.6 x 14"; 1.6 x 12" Alu                      | BW-1.6 x 19"; 1.85 x 16"; SW-1.6 x 17"; 1.85 x 14"   |
| <b>FRONT/REAR TYRE</b>                      | 2.50 x 10"; 2.50 x 10"           | 2.50 x 12"; 2.75 x 10"           | 60/100-14"; 80/100-12"                        | BW-70/100-19"; 90/100-16"; SW-70/100-17"; 90/100-14" |
| <b>FINAL DRIVE</b>                          | 11:48                            | 10:44                            | 14:50   | 14:49  |
| <b>MAIN SILENCER</b>                        | aluminum                         | aluminum                         | aluminum                                      | aluminum   |
| <b>STEERING HEAD ANGLE</b>                  | 66°                              | 66°                              | 25.5°   | 66°  |
| <b>WHEEL CASTER</b>                         | 73.7 mm                          | 66.7 mm                          | 68.7 mm                                       | 80.6 mm  |
| <b>WHEEL BASE</b>                           | 905 mm                           | 1,030 mm                         | 1,137 mm                                      | 1,278 mm (*)   |
| <b>GROUND CLEARANCE (UNLOADED)</b>          | 190 mm                           | 255 mm                           | 290 mm  | 415 mm (*)   |
| <b>SEAT HEIGHT</b>                          | 530 mm                           | 650/675 mm (adjustable)          | 750 mm  | approx. 900 mm (*)                                   |
| <b>FUEL CAPACITY</b>                        | 2 litres                         | 1.8 litres                       | 3.3 litres                                    | 5 litres   |
| <b>WEIGHT (READY TO RACE, WITHOUT FUEL)</b> | approx. 37.8 kgs                 | approx. 38.8 kgs                 | approx. 55.6 kgs                              | approx. 68 kgs                                       |

(\*) DIFFERS BETWEEN BIG & SMALL WHEEL FITMENT



With KTM there's the perfect bike for every age and every size, so that the dreams of today become the victories of tomorrow.



# THIS IS WHERE THE STORY CONTINUES:»



JUST ANOTHER REASON TO RIDE KTM.

The motorcycles advertised in this brochure are not suitable for road or street traffic.

When purchasing a motorcycle, compliance with the warnings and hazard notices in the owner's handbook is mandatory. Some of the vehicles pictured are fitted with special equipment entailing a price increase. All information regarding the scope of delivery, appearance, performance data, dimensions and weights of the vehicles are in accordance with the Austrian KTM sales prospectus at the time of its printing and represent non-binding information. Changes made in this regard shall be reserved at all times. Please note that model specifications can vary from country to country.



**KTM APPAREL**

**KTM HARD EQUIPMENT**

## » [www.ktm.com.au](http://www.ktm.com.au)

The love of motorcycles accompanies us through our whole lives. At some stage in childhood one is overwhelmed by the race atmosphere, by the smell and by the sound. From that moment on, the step from being just an admirer to being an active racer is just a matter of time. Because KTM riders of all ages have one thing in common: winning is our goal – but sometimes it's also the journey there that excites us. Therefore it doesn't matter a jot whether you're flying 10 metres up, no-handed, over a table; exploring the world by motorbike; or just going for ice cream on your orange beauty. For in that moment when your KTM first barks into life and the sound massages your very soul, you feel as a KTM rider that you're more than just one of our customers. You're a part of the KTM family.

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