



© BRP-ROTAX GmbH & Co KG
2010 SOUTH AFRICAN ROTAX MAX CHALLENGE

RACE CLASSES	STATUS	PRIZES
Maxterino Minimum age: see 3.2 Minimum weight 105 Kg (including full race gear)	National Challenge	TBA
FR125 Mini Max Minimum age: see 3.2 Minimum weight 135 Kg (including full race gear)	SA Champ	TBA
FR 125 Junior Max Minimum age: see 3.2 Minimum weight 145 Kg (including full race gear)	SA Champ	World Final Invite
FR 125 Senior Max Minimum age: see 3.2 Minimum weight 165 Kg (including full race gear)	SA Champ	World Final Invite
FR 125 Max 180 Minimum age: see 3.2 Minimum weight 180 Kg (including full race gear)	Challenge	TBA
DD2 Minimum age: year see 3.2 Minimum weight 173 Kg (including full race gear)	SA Champ	World Final Invite
DD2 Masters Minimum age: year see 3.2 Minimum weight 180 Kg (including full race gear) (This will race as a class within the DD2 class unless sufficient entries are received for both to stand alone. It may alternatively be run with the Max 180 class races – to be determined at close of entries.)	Challenge	World Final Invite to stand alone Masters Category

Four (4) SARMC Regional races allocated per region

Three (3) National races

- 2/3 April 2010 Killarney Raceway, Cape Town
- 11/12 June 2010 iDube Kart Raceway, Pietermaritzburg
- 20/21 August 2010 Port Elizabeth

One (1) National Final

- 2/3 October 2010 Zwartkops International Kart Raceway

INFORMATION - THE CHAMPIONSHIP CO-ORDINATOR

Max Challenge Promotions cc

P.O. Box 70725
THE WILLOWS
0041
Tel: +27 12 374 0129
Fax: +27 86 509 4670

Email: info@kart.co.za

www.kart.co.za



SOUTH AFRICAN ROTAX MAX CHALLENGE

Regulations 2010

Rev. 2 Feb.14 2010

1. General

ROTAX Kart Center (<< ROTAX >>) and its authorised distributors /partners organise the ROTAX MOJO MAX Challenge Grand Finals (<<RMCGF>>), international ROTAX MOJO MAX Challenge Events (IRMCE) and national ROTAX MOJO MAX Challenges (RMC).

"ROTAX MOJO MAX Challenge", "ROTAX MOJO MAX EURO Challenge", "ROTAX MOJO MAX ASIA Challenge" and "ROTAX MOJO MAX Challenge Grand Finals" are the property of BRP-ROTAX GmbH & Co. KG (ROTAX).

Regulations which mainly apply to the RMCGF are written in bigger letters (12 pt), whereas for regulations mainly for the national RMC, smaller letters (10pt) are used.

Chapter A) ROTAX MOJO MAX CHALLENGE Sporting Regulations 2010: Describes the concept of the ROTAX MOJO MAX Challenge program and specifying the regulations for the national RMC's in various countries which are the basis for the qualification for the RMCGF.

Chapter B) ROTAX MOJO MAX GRAND FINAL (RMCGF) Sporting Regulations describe the sporting regulations for those events.

Regulations in chapter A) which mainly apply to the RMCGF are written in bigger letters (size 12pt), where as for regulations mainly for the RMC, smaller letters are used (size 10pt)

All the parties concerned (FIA, CIK-FIA, ASN, Organisers, Entrants and circuits) undertake to apply and observe the rules governing the race events.

Any international ROTAX MAX Challenge event shall be run in accordance with the ROTAX MOJO MAX CHALLENGE 2010 Series Sporting Regulations, the ROTAX MOJO MAX Challenge Technical regulations and the International Sporting Code (<<ISC>>) and its appendices, with the Karting Technical Regulations and with any international regulations including these, with the general prescriptions applicable to CIK-FIA Karting international events, as well as with any supplementary regulations drawn up by the ASN concerned.

Any changes or exemptions to SARMC Sporting regulations and RMC Technical regulations require the written approval of BRP-ROTAX following the agreement of Max Challenge Promotions cc (MCP) and Motorsport South Africa (MSA)

ANYTHING WHICH IS NOT EXPRESSLY ALLOWED IS FORBIDDEN.

2. Status of the Challenge

The RMC, RMCGF are recognized by CIK-FIA according to the "2003 Karting Recognition regulations" dated 16.09.2002.

Only 1 RMC per country will be sanctioned by ROTAX for the qualification of drivers to the RMCGF. Only the authorised ROTAX distributor has the exclusive right to organise a national RMC.

The South African ROTAX MAX Challenge (SARMC) will be run as a SA National Championship Series, sanctioned by Motorsport South Africa.

2.1 Classes at the SARMC

The following ROTAX Max classes will have National Championship status in 2010, subject to them meeting the criteria of MSA Karting Commission:

A minimum of 10 (ten) starters is required to score points at National events. In order for a national champion to be declared in a specific class, said class must have attracted a minimum of 10 starters in at least three of the four national events (including the national final). Regional races are governed by regional rules in this regard but half points will be scored at regional races where less than the required minimum start.

Mini Max
Junior Max
Max Challenge
DD2 Challenge and Masters

The following class(es) will run as a National Challenge Series at the same events

:

Maxterino
DD2 Masters
Max 180

It is not allowed that 2 classes are racing in the same race except if the 2 classes are next to each other regarding age Mini/Junior, Junior/Senior Max or Senior Max/DD2, Max 180/DD2 Masters,

3. Regulations

3.1 Licence

Drivers competing at the RMCGF and/or IRMCE must hold at least an "International C Licence" and an "International Entrant Licence" delivered by an ASN which is member of the CIK-FIA. Drivers who are still under age and do not have full legal capacity cannot be their own Entrant (according to Art. 2.7 of the General Prescriptions to the CIK-FIA International Karting Regulations).

For SARMC National Championship classes a National Licence is required to participate in National races. For the National Challenge classes a regional licence is required for National and regional events. Upgrading from a regional to a national license costs R350.

3.2 Age limits

SARMC 2010:

Maxterino:

Open to all drivers from the year of their 8th birthday, to the end of the year in which their 12th birthday occurs.

Mini MAX Class:

Open to competitors from the year of their 11th birthday to the end of their 15th year.

Junior MAX Class:

To participate in any of the events in the SARMC the driver must have his/her 11th birthday before 31/12/2010. He/she may race until the end of his/her 16th year. See note below RMCGF 2010.

MAX Challenge and DD2 Classes:

To participate in any of the events in the SARMC the driver must have his/her 14th birthday before 31/12/2010. See note below RMCGF 2010.

MAX 180 Class:

To participate in any of the events in the SARMC the driver must have his/her 32nd

birthday before 31.12.2010. Heavy drivers (90 kg plus in his shorts) must be 25 years old before 31.12.2010 can participate in the SARMC Series.

RMCGF 2010:

Junior Max drivers must have had their 13th Birthday by 31/12/2010 and Max Challenge and DD2 drivers must have had their 15th birthday by 31/12/2010 to qualify for the World Finals. DD2 Masters drivers must have had their 32nd birthday by 31/12/2010 to qualify for the World Finals.

3.3 Race events

3.3.1 RMCGF

The RMCGF is run over one single event.

The RMCGF is an international Restricted Event (according to Article 19 of the FIA International Sporting Code), by invitations controlled by BRP-ROTAX.

Expenses for supplied karts, engines, tyres, petrol, entry fee, trolley and tools for qualified drivers (see 3.7) of the RMCGF are covered by BRP-ROTAX and its distributors, as long as these "SARMC Sporting regulations" and "SARMC Technical regulations" are followed in their national SARMC classes.

3.3.2 SARMC

Each race event of the SARMC consists of non-qualifying practice, qualifying practice, heats (to qualify for prefinal and final, if necessary), prefinal and final. It is possible to have 2 race events on 1 day (ie.: prefinal A, B and final A, B).

- Non-qualifying practice: certain time according to length of race track, determined by race organizer.
- Qualifying practice: certain time according to length of race track, determined by race organizer or the one warm up and two flying laps system.
- Heats to qualify for prefinals: No. of heats and points according to national organizer of challenge. Min. 10 km or 15 mins.
- Pre-Final: A starting grid of max. 34 drivers and the race of min. 15km or 15 minutes. Score points 34,33,32,31,30to last place finisher. Non-finish: minus 5 points off last finisher
- Final(s)/ points: A starting grid of max. 34 drivers and the race of min. 20km or 20 minutes. Score points 55, 52, 50, 49, 48, 47,... to last placed finisher. Non-finish: minus 5 points off last finisher (in case of being a half point race only 2,5 points off last finisher are given).

3.3.3 Events counting towards the SARMC

Regionals

A driver must nominate the region in which he/she wishes to score points regionally, normally the region in which he/she lives.

Points can be scored at any of the four SARMC regional races in each region with one pre-final and one final. NB! It is permitted to race outside of this region but no points can be accumulated and regional scoring will exclude participants from outside their designated region for SARMC scoring purposes.

National Events

There will be one National event at Killarney (WP), one event at iDube (KZN) and one at Port Elizabeth. Each of these events will have two pre-finals and two finals.

South African ROTAX Max Challenge National Final

This event will be held on 3/4 October 2010 at Zwartkops International Kart Raceway.

There will be two pre-finals and two finals - all to count.

Qualifying will be 5 karts out at a time, with each competitor doing one warm-up lap, and 2

flying laps. Their fastest lap will determine the grid for the 1st pre-final. The fastest time recorded in pre-final 1 determines pole for the second pre-final. The results of the pre-finals determine the grid for the respective finals.

3.4 Classification

3.4.1 RMCGF

The classification of the RMCGF will be that of the final.

3.4.2 SARMC

3.4.2.1 Points

Only points achieved at pre final(s) and final(s) of a race event count towards the overall score. (see also 3.3.2)

Point accumulation from Regional events

Points from pre-finals and finals scored according to 3.3.2 above will be accumulated.

Number of Pre-finals and Finals to be scored

Drivers will score their best three (3) pre-finals and best three (3) finals from any of the SARMC Regional qualifier events.

Drivers will score their best (4) pre-finals and best four (4) finals from any of the SARMC National events.

Bonus Points awarded

Drivers who take part in Regional and National events will receive 1 (one) bonus point for each final started (crossing the start line after leaving the pits).

Points carried forward to the National Final at Bridgestone Zwartkops International Kart Raceway

The sum of points obtained in the best three (3) regional pre-finals and best three (3) finals will be divided by three (3).

The full score of the best four (4) pre-finals and best four (4) finals at National events will then be added to this number.

The accumulated bonus points will be added to the score calculated above and brought forward to the National Final event.

Final Classification

The sum of the points carried forward (from regional and national events as calculated above), together with the points obtained in the two (2) pre-finals and two (2) finals at the SARMC National Final will determine the

- South African Champions
- National Series Winners in the case of Maxterino, Max 180 and DD2 Masters.
- drivers qualifying for invitations to the RMCGF

The points standings in the SARMC will be published on the www.kart.co.za web-site and by MSA.

In case of 2 or more drivers finishing the season with same number of points, the higher place in the championship will be awarded to:

- the holder of the greatest number of first places in final races, if the number of first places is the same, the holder of the greatest number of second places in final races and so on until a winner emerges.
- If it is not possible to break a tie with results of the final races the holder of the greatest number of first place in pre-final races, if the number of first places is the same, the holder of the greatest number of second places in pre-final races and so on until a winner emerges.
- If this procedure fails to produce a result MSA will nominate the winner according to such criteria as it deems fit.

3.5 Starting procedure

3.5.1 RMCGF and RMCEC

For RMCGF and RMCEC the regulations for "Rolling starts for karts with clutches and without gearboxes" of the CIK-FIA general regulations apply for all RMC categories.

3.5.2 SARMC

Two (2) row grid; One (1) warm up lap, followed by One (1) formation lap (strictly no overtaking) and rolling start.

3.6 Entry fee

Entry fee for RMCGF is free of charge. Entry fee for SARMC events will be determined by the race organisers in their specific regions.

It is compulsory that all drivers participating in the SARMC register with Max Challenge Promotions cc. Class representatives in each region may assist with this process. The registration fee for 2010 is R 300.00 including VAT. Registration can also be done on www.kart.co.za and needs to be done before the date of the last Regional Qualifier in the driver's domicile.

3.7 Eligible drivers for RMCGF 2010

The total number of drivers, that can qualify for the RMCGF 2010 will be:

Junior MAX	72
MAX	72
DD2	72
DD2 Masters	34

The qualified drivers of RMCGF Junior MAX, MAX, DD2 and DD2 Masters class will run on one brand chassis per category, supplied free of charge by ROTAX and its partner(s).

3.7.1 Qualification mode for RMCGF

Following drivers will be qualified:

Junior Max class:

- The overall winner of the SARMC 2010 Junior MAX class, authorized in writing by BRP-ROTAX.
- Additional drivers qualify via international or zone ROTAX MAX CHALLENGES (number of drivers to be mentioned in the sporting regulation of the respective race series)

MAX class:

- The overall winner of the SARMC 2010 MAX class, authorized in writing by BRP-ROTAX.
- Additional drivers qualify via international or zone ROTAX MAX CHALLENGES (number of drivers to be mentioned in the sporting regulation of the respective race series)

DD2 class:

- The overall winner of the SARMC 2010 DD2 class authorized in writing by BRP-ROTAX.
- Additional drivers qualify via international or zone ROTAX MAX CHALLENGES (number of drivers to be mentioned in the sporting regulation of the respective race series)

DD2 Masters class:

- The overall winner of the SARMC 2010 DD2 masters class authorized in writing by BRP-ROTAX.

- Additional drivers qualify via international or zone ROTAX MAX CHALLENGES (number of drivers to be mentioned in the sporting regulation of the respective race series).

Other rules:

If a **driver** is qualified from an international ROTAX MAX CHALLENGE series and from the SARMC at the same time, the qualification at international level has higher priority for the qualification to the RMCGF. In such a case the next placed driver of the SARMC will qualify for the RMCGF.

If a **driver** is qualified from 2 or more different national/zone ROTAX MAX CHALLENGE series or the SARMC at the same time, BRP-ROTAX reserves the right to decide from what series or SARMC he will qualify for the RMCGF.

If a driver is **qualified in 2 categories** he/she can participate at the finals in the higher ranked category only.

Ranking is as follows: (DD2 / MAX / DD2 Masters / MAX Masters / Junior)

ROTAX reserves the right to grant additional drivers from different classes to different countries under certain conditions to participate at the RMCGF 2010.

Prize giving

The first 3 competitors must wear their overalls zipped up at prize giving ceremonies.

3.8 Minimum weight

At all times, the minimum weight for the kart, including driver and all required safety equipment (helmet, overall, gloves, etc.) is:

Maxterino	105 kg
Mini Max	135 kg
Junior MAX class:	145 kg
MAX class:	165 kg
MAX 180 class:	180 kg
DD2 class:	173 kg
DD2 Master class:	180 kg

3.9 Advertising on karts

RMCGF

Sponsor stickers supplied by the race organiser are optional to be placed on all karts participating in RMCGF events according to the supplementary regulations for each event.

ROTAX reserves the right to specify additional sponsor stickers. Additional stickers of other personal sponsors allowed, as long as those are not in conflict with existing sponsors stickers on the bodywork or covering those.

Sponsors regulations (voluntary scheme to be determined) must be in compliance with CIK-FIA Sporting Code and General Prescriptions.

SARMC

All drivers are required to have the following stickers on their karts at any SARMC events:
The ROTAX MAX CHALLENGE SOUTH AFRICA stickers must be displayed on the side of each side pods in a visible position

- www.kart.co.za stickers must be displayed on the front and rear number plates of all karts in a visible position
- Any additional sponsor stickers can be placed in a 10x25 cm area on the Front Nose Cone and 3 stickers up to 10x25 cm on the side pods

Drivers may be required to wear sponsors caps during prize giving and ceremonies.

Use of additional sponsor stickers (non-conflicting) is allowed on other areas.

All drivers agree that ROTAX and its sponsors may use photographs and/or TV footage of RMC races (including names and photographs of drivers) for advertising, publicity and public relations purposes.

All vested rights in respect of the ROTAX MAX CHALLENGE in South Africa will be legally protected. Copy right subsists in this material.

A) SOUTH AFRICAN ROTAX MAX CHALLENGE **Supplementary Technical Regulations 2010** **Rev 3. Feb.15, 2010**

1. Technical regulations

Composite materials (carbon fiber, etc) are banned, except for the seat.

2. Numbers and Number plates

Competition numbers are issued by Maria Buys at Motorsport South Africa.

Maxterino class:	105 kg (Yellow backing with black numbers)
MAX CHALLENGE class:	165 kg (Black backing with white numbers)
MAX 180 class:	180 kg (Yellow backing with black numbers)
MAX Junior class:	145 kg (Green backing with white numbers)
Mini MAX class:	135 kg (Blue backing with white numbers)
DD2 class:	173 kg (Red backing with white numbers)
DD2 Master class:	180 kg (White backing with black numbers)

3. Chassis

All current and previously MSA homologated chassis are permitted. Rear axle diameter maximum 50mm and wall thickness according to CIK-FIA rules as from 01 May 2003. Front brakes are not allowed in any class except in the DD2 where front brakes are compulsory.

Maxterino may use either the SA Kart, or the original All Kart Mini Kart (as per MSA Karting regulations 2010 for GP Junior class).

4. Engines, clutch, ignition, carburetor, intake silencer, exhaust pipe

FR 125 MAX and DD2 engine, not to be modified in any way – see 'Technical Specification of ROTAX engine type FR 125 MAX and DD2'. Because of the long periods between engine rebuilds it was possible to introduce a new sealing system for FR 125 MAX engines. Each engine is delivered with its own engine passport. Only engines sealed by the "Authorized Southern African ROTAX Distributor" and their Authorized ROTAX "Service Centers" are allowed to be used in SARMC events. These engines are sealed after carefully checking the engine according to the 'Technical Specification for the ROTAX FR 125 MAX' engine which you can find on our homepage www.maxchallenge-rotax.com. Special ROTAX seals (black anodized aluminum seal with "ROTAX" logo and a 6 digit number) with a steel cable must be used. At scrutineering the driver has to present the engine with undamaged seal and the engine passport, showing the matching engine serial number, seal number, stamp and signature of the company which sealed the engine. This procedure helps to reduce scrutineering times at races. Nevertheless it is possible to open and recheck the engines by Scrutineers before or after the race in case of a protest and reseal the engine after checking it step by step by staff of the "Authorized ROTAX Service Centre or Distributor" according to the "Technical Specification". Only the following spark plugs may be used Denso IW...

Maxterino Engines:

These engines are sealed by authorised Maxterino service centers after carefully checking the engine according to the Homologation Schedule Maxterino MX60 V1 15 February 2010 which you can find on our homepage Kart.co.za or from MSA. Special seals (anodized aluminum seal with a 6 digit number) with a steel cable must be used. At scrutineering the driver has to present the engine with undamaged seal and the engine passport, showing the matching engine serial number, seal number, stamp and signature of the company which sealed the engine. This procedure helps to reduce scrutineering times at races. Nevertheless it is possible to open and recheck the engines by Scrutineers before or after the race in case of a protest and reseal the engine after checking it step by step by staff of the authorized service centre or distributor" according to the schedule.

Ed Murray Racing cc will provide the Maxterino engines for the four National events. The rental fee for a short motor (engine only) will be R1500 per event and these motors will be handed to the competitor one session before time trials. A complete motor (including all accessories) will cost R2500 per event and may be used from the start of official free practice. All motors will be drawn out of a hat at the sign on of these events. The rental fee must be paid to EMR by close of entries for the event. Entrants agree to be held responsible for any costs incurred by EMR as a result of damage caused by the incorrect use the motor/components (normal wear and tear excluded), accidental damage or missing components at the end of the event.

5. Tyres

The only tyres permitted will be Mojo D2 distributed by Ed Murray Racing cc.

Strictly no modifications or tyre treatment allowed.

6. Petrol and Oil

Commercial quality petrol from a roadside petrol station only, maximum 95 Octane mixed with synthetic Rotax XPS Karttech 2-stroke lubricant at 40:1. Unless the organizers of an event stipulate otherwise, Rotax XPS karttech synthetic 2 stroke oil mixed with 95 Octane unleaded fuel will be used to replace any competitors' fuel as directed by the organizers. In the event of non availability of Rotax oil Motul synthetic oil is recommended.

7. Rear Bumpers and chain guards are as per 2010 MSA Karting Regulations.

INFORMATION - THE CHAMPIONSHIP CO-ORDINATOR

Max Challenge Promotions cc

P.O. Box 70725
THE WILLOWS
0041

Tel: +27123470129 Fax: 0865094670

Email: jennifer@kart.co.za

www.kart.co.za

All vested rights in respect of the ROTAX MAX CHALLENGE in South Africa will be legally protected.



DATES OF EVENTS COUNTING TOWARDS SARMC 2010

NORTHERN REGIONS

24th April 2010	- Zwartkops International Kart Raceway
08 May 2010	- Bridgestone Adrenalin Raceway (Vereeniging)
10th July 2010	- Zwartkops International Kart Raceway
24th July 2010	- Bridgestone Adrenalin Raceway (Vereeniging)

WESTERN PROVINCE – KILLARNEY

1st May 2010	- WPMC
29th May 2010	- WPMC
17th July 2010	- WPMC
11th September 2010	- WPMC

KWA-ZULU NATAL

25th April 2010	- iDube
16th May 2010	- iDube
25th July 2010	- iDube
12th September 2010	- iDube

EASTERN PROVINCE

15th May 2010	- Aldo Scribante
15th June 2010	- Aldo Scribante
17th July 2010	- Aldo Scribante
21st August 2010	- Aldo Scribante

NATIONAL Race Events

2nd and 3rd April 2010	- Cape Town
11th to 12th June 2010	- iDube KZN
20th to 21st August 2010	- Port Elizabeth

NATIONAL FINAL Event

2nd to 3rd October 2010 - ZWARTKOPS INTERNATIONAL KART RACEWAY