



MINI CLASS Regulations

To ensure all remains as equal as possible we are adhering to the main regulations set out below.

- 1) Cars to be 1/12th scale Mardave, Kamtec or BattCave Mini's. (List at the end on these regulations)
- 2) Chassis can be GRP 175mm wheelbase. The chassis may not be modified in any way.
- 3) Only 4 budget servos permitted for use. **Futaba S3003, Futaba S-U300, Core RC 4012 or Core RC 9016.**
- 4) Any servo saver & servo mounts may be used.
- 6) Any track rods, ball cups and balls may be used.
- 7) Any compound of **Kamtec, Mardave, Contact tyres can be used (Contact wheels/tyres must have a JM prefix). Tyres may be trued. Only Single bolt mounting is allowed. NO 3 bolt mounting wheels.**
- 8) Only ABS or polycarbonate **Mini** bodyshells are allowed (as per the BMC 60's style of body ONLY). On ABS bodies windows may be cut out, but if not, they must be clearly defined. Polycarbonate bodyshells are also allowed, and windows must remain clear.
- 9) Any make of body mounts may be used.
- 10) Ballraces are allowed on front and rear axles.
- 11) Rear axle must be steel and remain solid (No Diffs).
- 12) Only 48T and 32dp Spur gears to be used, the Mardave Z-drive system is allowed. As is the Kamtec equivalent listed below.
- 13) In line with the Mardave GP Series you are allowed to use 15, 16, 17, 18, 19 & 20 tooth 32dp pinions.
- 14) Any strength suspension springs, front, or rear may be used.
- 15) As Hednesford Indoor Raceway has a **non-reversing** rule, only the **Mardave/Mtroniks Ultra Circuit HR3, HR3-X or HR4 ESC** are allowed. Any connectors can be used.
- 16) The only motors we allow are the **Core CR711** and the **Mardave GR2**. The motor may be fitted to either side of the chassis, providing there is no modification or alteration to the chassis or mounting blocks. Motors must remain unopened.
- 17) Cars to use four cell battery packs only, cells to be sub-C sized only, with a nominal voltage of 1.2 volts per cell. Cells must be readily identifiable. Only 4.8v Packs to be used, up to a maximum of 5000mAh. **(NO LiPo's)**
- 18) Battery mountings must be original kit.
- 19) Only standard kit external front and rear bumpers or Schumacher foam bumpers (U3942) are allowed. **Metal bumpers are NOT allowed.**
- 20) Steel whip aerials and rollover masts are not allowed, however standard 'straw' type aerial is permitted.
- 21) No wings or aerofoils unless supplied by manufacturer for use with the bodyshell. No under body aids are allowed.
- 22) Only Water based tyre additives are allowed. (See BRCA list)
- 23) There should be a minimum ground clearance of 3mm; this is to include, 1mm clearance for spur gear.
- 24) Front wishbones, suspension, and steering axles must be kit. King pin brace may be added.

We will allow the following 3d Printed parts:

Front Castor and Front Ride Height Plates.

Motor Spacer Plate

Rear Droop holder/brackets

Any additional 3D printed part if cleared by Hednesford Indoor Raceway before use.

Kamtec now have their version on the "Mardave Z-Drive":

<https://www.kamtec.co.uk/p/rh-drive-dog-u3948-schumacher-supastox>

<https://www.kamtec.co.uk/p/lh-drive-dog-u3947-schumacher-supastox>

<https://www.kamtec.co.uk/p/48t-32dp-spur-gear-u3972-schumacher>

At Hednesford Raceway we allow the following kits:

MARDAVE

ASMGR Mini Assassin Racer

ASMGRs Mini Spashett Edition S HR3

ASMGRs Mini Assassin Racer S HR3

Mini RS - GRP BRCA Edition

For any information about the Mardave kits or spare parts send Mardave an email at Mardaveracing@aol.com or give them a bell on 07796 412674. Don't forget to tell them that you are racing at **Hednesford Indoor Raceway**.

KAMTEC

Kamtec Mini Racer RC Kit (Racing Rolling Chassis BLACK GRP)

For any information about the Kamtec kit or spare parts send Kamtec an email at kamtecmandy@gmail.com or give them a bell on 01243 842233. Don't forget to tell them that you are racing at **Hednesford Indoor Raceway**.

BATTCAVE

JOK3R "Mini Club Racer"

JOK3R "Competition Racer"

For any information about the BattCave or spare parts send BattCave an email at sales@battcave.co.uk or give them a bell on 07786 386317. Don't forget to tell them that you are racing at **Hednesford Indoor Raceway**.

If you are unsure about any of the above, please contact either Mike Dennison (mike@mjdennison.co.uk) or Steve Baines at the Hednesford Club.

