

START YOUR KARTING CAREER

EVERYTHING YOU NEED TO KNOW TO GET STARTED IN KARTING IN IRELAND

A FORMULA FEMALE GUIDE



///// FORMULA FEMALE ///// +353876463663 ///// INFO@FORMULAFEMALE.ORG /////

GET STARTED IN KARTING

@FORMULAFEMALE

WWW.FORMULAFEMALE.ORG

Formula Female's guide to get started in karting will provide all the information you need to get started in the sport here in Ireland. This guide is designed to allow those with no previous knowledge transition easily into the sport.

Karting is a fun and exciting sport for all levels. It is the gateway to all forms of Motorsport.

Children as young as 6 years of age can get started and enjoy being active, outdoors, making friends and learning life lessons along the way.

It boasts a friendly, inclusive environment with a big emphasis on the social aspect.

/// KARTING AS A SPORT

/// CLUBS & COMPETITION

/// CLASSES & TRACKS

/// EQUIPMENT COSTS

/// RUNNING COSTS

///// JOIN THE FUN AND FIND YOUR PASSION HERE /////

THE NEED FOR SPEED

//// WHERE PASSION MEETS SPEED ////



WWW.FORMULAFEMALE.ORG

KARTING AS A SPORT

Karting is one of the most popular, affordable and competitive branches of motorsport. It offers motorsport for drivers from the age of six years upwards and has a level of competition to suit just about everyone. Karting in Ireland is governed by Motorsport Ireland which is part of the FIA. The FIA is the world governing body for most forms of motorsport. Classes are divided up by age, kart and engine type. Karting is one of the rare sports where males & females compete together on a level playing field. Karting is a great way to train the mind and the body. It develops strength, concentration, focus and discipline. Karting from a young age also develops and builds character. Learning to deal with disappointment teaches you to become resilient. These are traits that will stand to any young person later in life.

CLUBS & COMPETITIONS

There are a number of Karting clubs around Ireland, each run their own competitive championships throughout the year.

The Motorsport Ireland Karting Championship is the premier competition in Ireland. Being part of the FIA, the MI Championship follows the same competition and safety regulations as the FIA, with the highest safety standards. It is free to join Motorsport Ireland, you can [sign up here](#), but in order to compete in the MI Championship, you will need to register and get a licence. Registration is €35. First time licences are free for 6-16yrs. For all those over 16, the cost for a [race licence](#) is €50.

GET STARTED IN KARTING

To get started in karting, the first thing to do is to attend an event. Interact with those already in the sport and familiarise yourself with how the events are run. Before you attend, figure out what class you want to race in. This will depend on your age. See the section on Karting classes for more information on this.

[Click here](#) for the most recent calender of events taking place around the country and get down to your first race meeting.

There are a number of different clubs and competitions, depending on the level you wish to compete.

JOIN A CLUB

[Irish Karting Club](#) is Motorsport Ireland's affiliated karting club. All rules and regulations for competing under this club are set out by Motorsport Ireland. Junior (6-16yrs) membeship fee is €20 and adult membership is €30. To become a member, [click here](#).

[Tullyallen Karting Club](#) is Ireland's largest independent karting club. TKC's local track is Whiteriver Park, Collon, but it also hosts events across a range of tracks throughout the country. TKC Junior (6-16yrs) membeship fee is €20 and adult membership is €30. To become a member [click here](#)

[Leinster Kart Club](#) is another independent karting club. LKC's local track is Athboy Karting Centre, Meath. They host all their events out of Athboy including winter and summer championships. You can [sign up here](#) for free membership to the club.



BAMBINO (6-8 YRS)

WEIGHT 68KGS

60CC 2STROKE 2HP



IAME CADET (8-12 YRS)

WEIGHT 105KGS

60CC 2STROKE 5.5HP



IAME X30 JR(11-16 YRS)

WEIGHT 148KGS

125CC 2STROKE 21HP



IAME X30 SENIOR(15+)

WEIGHT 164KGS

125CC 2STROKE 30HP



ROTAX MAX (16+)

WEIGHT 165KGS

125CC 2STROKE 30HP



TILLOTSON T4 (15+)

WEIGHT 155KGS

225CC 4STROKE 15HP

KART CLASSES

The classes outlined above can be raced in any of the clubs and competitions previously mentioned. The Motorsport Ireland Karting Championship offers a unique opportunity to compete at world level. The top 3 drivers from the IAME classes are guaranteed a seat at the world karting finals in Le Mans every year. IAME is the leading global engine manufacturer for karting. Motorsport Ireland run IAME engines in their Cadet, X30 Junior and X30 Senior categories.

KART CLASSES

10 year old Alex O'Grady became the IAME Cadet World Champion in 2019, making him Motorsport Ireland's first World Champion. Alyx Coby is the only female driver to have made it to the World Finals, after finishing 3rd in the Motorsport Ireland X30 Junior class. Alyx also holds the lap record for Mondello Park and Watergrasshill, Cork in the X30 Junior class. Her success highlights the ability of females to compete at the top level of Karting with her male counterparts. The female representation in Karting in Ireland is growing, with some very bright racers coming through.

////// BAMBINO

6-8 YEARS

IAME M1

COMER C50



60CC 2 stroke 2HP
Max RPM 6,500
Top Speed - 50 KMPH
Engine - IAME M1 & Comer C50

The maximum number of starters will be 17 otherwise a split grid will be required. You can compete in Bambino up to the end of the year of your 8th Birthday but at any time after you may upgrade to the Cadet Class. Chassis must be specific Bambino Chassis. Permitted engines are the [IAME M1](#) Bambino (M1 & C50) and the [Comer C50](#) 50cc engine (TKC & LKC). Tyres are the [LE CONT MSA 04](#) all weather tyres.

BAMBINO ////

6-8 YEARS

IAME M1

COMER C50

////// CADET NOVICE

8-12 YEARS

IAME GAZELLE



60CC 2 stroke 2HP
Max RPM 6500
Top Speed - 50 KMPH
Engine - IAME M1 & Comer C50

To qualify as a Cadet novice you must have competed in no more than 5 MI, MUK or CIK events in Junior X30 OR have not reached your 13th birthday before the 1st of March for the current season. There is no difference in engine performance for the Motorsport Ireland championship, however for TKC and LKC events, novice engines use a restrictor.

ROOKIE, CADET ////

8-12YEARS

IAME GAZELLE

////// ENGINE //// TYRES //// CHASSIS ////

CLASS SPECS

///// X30 JUNIOR

11-16 YEARS

IAME

CODASUR JUNIOR



125CC 2 stroke 21HP

Max RPM 16,000

Top Speed - 120 KMPH

Engine - IAME X30 Codasur Junior

The IAME X30 Junior is a restricted 125cc watercooled engine and is the premier junior class. Winning this class merits National Karting Junior Champion. Moving from cadet to X30 junior will require an upscale in chassis size too. There are many different makes and models for a Junior chassis depending on your preference as a driver. Engine specifications can be found [here](#). The X30 Junior class uses Komet K2H / K1W tyres.

X30 JUNIOR /////

11-16 YEARS

IAME

CODASUR JUNIOR

///// X30 SENIOR

15+ YEARS

IAME

CODASUR SENIOR



125CC 2 stroke 30HP

Max RPM 16,000

Top Speed - 125 KMPH

Engine - IAME X30 Codasur Senior

The IAME X30 Senior is an unrestricted 125CC watercooled IAME Codasur engine and now the best known and most widely used engine in the kart scene worldwide. The X30 Senior is the premier competition class in Ireland and the rest of the world. Winning this championship merits National Karting Champion. Moving from X30 Junior to X30 Senior may also require a chassis change. Engine specifications can be found [here](#). The X30 Senior class uses Komet K2H / K1W tyres.

X30 SENIOR /////

15+ YEARS

IAME

CODASUR SENIOR

///// ENGINE ///// TYRES ///// CHASSIS /////

CLASS SPECS

///// ROTAX MAX

16+ YEARS
125CC
FR125 MAX



125CC 2 stroke 30HP
Max RPM 14,000
Top Speed - 125 KMPH
Engine - FR125 Max/ EVO

Rotax Max in Ireland is classed as a clubmans championship and is the perfect entry to competitive Karting before moving up to the X30 Classes. The engine is a single cylinder, liquid cooled, reed valve two-stroke. The Rotax class uses Mojo D5 dry tyres and Mojo W2 wet tyres. The permitted weight is 165kgs. information on the Rotax engine is available [here](#).

ROTAX MAX ///// TILLOTSON T4

16+ YEARS
125CC
FR125 MAX

15+ YEARS
T4 225CC



225CC 4 stroke 15HP
Max RPM 6,500
Top Speed - 105 KMPH
Engine - Tillotson TPP 225RS

Tillotson T4 Series, which debuted in the 2019, is designed to introduce new drivers to a cost-effective, easy-to-use manner. The T4 Series runs a mono-brand Tillotson chassis developed to suit the Tillotson TPP-225RS engine and specifically-designed tyres. In order to control costs, only stock chassis and engine components can be used in the series. For more information on the Tillotson T4 [click here](#).

TILLOTSON T4 /////

15+ YEARS
T4 225CC

///// ENGINE ///// TYRES ///// CHASSIS /////

CLASS SPECS

KARTING TRACKS

There are 5 permanent tracks currently licesned by Motorsport Ireland for the Motorsport Ireland Karting Championship. These are Whiteiver, Collon, Mondello Park, Kildare, Athboy Karting Centre, Meath, Watergrasshill, Cork, and Pallas Karting, Galway.

The Motorsport Ireland championship consists of 8 rounds spread across these 5 track locations. Tullyallen Karting club is based out of Whiteriver, Collon but also hosts rounds of their championship at Pallas Karting, Watergrasshill, Athboy Karting Centre and Nutts Corner, Antrim. TKC championship consists of 8 rounds also across these 5 tracks.

Leinster Kart Club is based out of Athboy Karting centre in Meath. LKC run 6 round winter and summer championships out of Athboy Karting Centre.

WHITERIVER, COLLON



MONDELLO PARK, KILDARE



ATHBOY KARTING CENTRE, MEATH



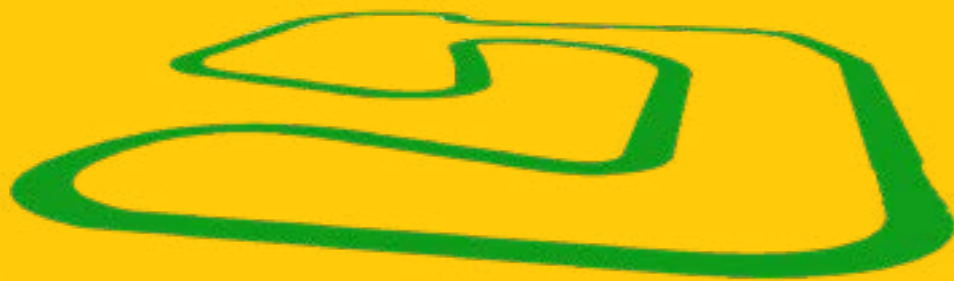
WATERGRASSHILL, CORK



PALLAS KARTING, GALWAY



NUTTS CORNER, ANTRIM



KARTING TRACK LINKS

- MONDELLO PARK, KILDARE*
- WHITERIVER, COLLON*
- ATHBOY KARTING CENTRE, MEATH*
- WATERGRASSHILL, CORK*
- PALLAS KARTING, GALWAY*



**CHASSIS
ENGINES
TYRES
HELMETS
SUITS & BOOTS**



**NEW & USED
PRICES FOR
EVERY-
ONE**



//WHERE TO LOOK//

GETTING STARTED COSTS

**EQUIPMENT
COSTS**

BAMBINO

New Chassis

[Top Kart Chassis & Comer C50 engine](#) - €2,300
[Synergy Titanium Bambino Kart rolling chassis](#) - €1,600

Used Chassis

Used packages including chassis, engine & spares can be purchased for €1,500 - €2,000
 Useful sites for purchasing used Bambino equipment. [Karting Parts Ireland](#) , [Karts & parts UK Ebay.co.uk](#)

New Engine

[C50 engine](#) - €700 [IAME M1 Engine](#) - €1,200

Used Engine

Tyres

[LE CONT MSA 04](#) all weather tyres - €150 per set

X30 JUNIOR & SENIOR

New Chassis

[Tony Kart](#) - €2,600
[Synergy Cadet Kart](#) - €3,100

Used Chassis

Used packages including chassis, engine & spares can be purchased for €1500 - €2,000
 Useful sites for purchasing used chassis are [Karting Parts Ireland](#) , [Karts & parts UK](#)

New Engine

[IAME X30 Codasur Junior](#) - €1,700
[IAME X30 Codasur Senior](#) - €2,500

Used Engine

A 2 year old X30 Junior engine could cost €1,450.
Tyres
[Komet K1H & K1W](#) - €150 & €160 per set.

CADET

New Chassis

[Tony Kart](#) - €2,600
[Synergy Cadet Kart](#) - €3,100

Used Chassis

Used packages including chassis, engine & spares can be purchased for €1,200 - €2,000
 Useful sites include [Karting Parts Ireland](#) , [Karts & parts UK Ebay.](#)

New Engine

[IAME Gazelle](#) - €1,200

Used Engine

Used engines can be more expensive particularly if its a winning engine. Engines are fitted with serial numbers followed by a letter. Those with letters A ,B & N are considered the best.

Tyres

[Dunlop SL3 & KT3](#) - €160 per set

ROTAX MAX

New Chassis

[Tony Kart](#) - €2,600
[Synergy Cadet Kart](#) - €3,100

Used Chassis

Used packages including chassis, engine & spares can be purchased for €1,200 - €2,000
 Useful sites for used chassis are [Karting Parts Ireland](#) , [Karts & parts UK Ebay.co.uk.](#)

New Engine

[FR 125 Rotax Senior](#)- €2,500

Used Engine

Tyres

[Mojo D5 & Mojo W2](#) - €170 per set

HELMETS

All helmets must have an approved for Kart Racing sticker as issued by MI or Motorsport UK. For children, the use of a Snell-FIA CMH (Children’s Motorsport Helmet) is recommended. It is mandatory for first time licence holders racing in the Junior Cadet class to use helmets complying with either Snell-FIA CMS-2007 or Snell-FIA CMR-2007 Standards.

Childrens Helmets

[Arai Ck-6 Junior Kart helmet](#) - €350
[Murray Motorsport](#) kids helmet- €300 and up
[Other Suppliers](#) - [LOH Motorsport](#)

Adult Helmets

[Ears Motorsport](#) - €400 and up
[Murray Motorsport](#) - €400 and up

NECK BRACE & RIB PROTECTORS

The use of rib protectors is mandatory for all classes.

Childrens Neck brace

[Murray Motorsport](#) - €40

Adult Neck brace

[Murray Motorsport](#) - €55

Childrens rib protectors

[Murray Motorsport](#) - €100

Adult rib protectors

[Murray Motorsport](#) - €120

[Other Suppliers](#) - [LOH Motorsport](#)

RACE SUITS

Race suits can be level 1 or level 2. Level 2 provides greater protection. In order to compete in the Motorsport Ireland championship all suits must be FIA/CIK approved.

Childrens Race suits

[Murray Motorsport](#) - €80 (non CIK/FIA approved, therefore not MI approved)
[Ears Motorsport](#) - €120 and up (CIK/FIA approved)

Adults Race suits

[Murray Motorsport](#) - €80 (non CIK/FIA approved, therefore not MI approved)
[Ears Motorsport](#) - €120 and up (CIK/FIA approved)
[Other Suppliers](#) - [LOH Motorsport](#)

BOOTS & GLOVES

Boots

[Murray Motorsport](#) - €70 and up
[Ears Motorsport](#) - €80 and up

[Other Suppliers](#) - [LOH Motorsport](#)

Gloves

[Murray Motorsport](#)- €30 and up
[Ears Motorsport](#) - €30 and up



GETTING STARTED COSTS

RUNNING COSTS

***TEST FEES
RACE FEES
TEAM FEES***

HOW MUCH DOES IT COST TO RUN?

//GET UP & RUNNING//

TEST FEES

Test fees vary from track to track.

There is usually a test day before race day on each race weekend. The price of the test fee is separate to that of the Race entry fee.

Test fees can be paid on an hourly basis, 1/2 day or full day.

TEST FEE COSTS

WHITERIVER, COLLON €15 per hour up to 4 hours €50 Half day test (4 hrs) €70 Full day test (8 hrs)	WATERGRASSHILL, CORK €50 Half day test €50 full day test
ATHBOY KARRING CENTRE, MEATH €40 Half day test €60 Full day test	PALLAS KARTING, GALWAY €60 Half day test €80 Full day test

RACE ENTRY FEES

There are different race fees for different clubs and competitions. The following guide will outline the different fees involved for each of the clubs and championships discussed. There are discounted fees for families with two or more drivers. Contact the clubs for more information on this.



BAMBINO - €60
CADET NOVICE - €70
CADET & X30 JUNIOR - €120
T4, ROTAX, 125OPEN - €100
X30 SENIOR - €140

MOTORSPORT IRELAND

ENTRY FEES

BAMBINO - €45
CADET - €55
MINI MAX & X30 JUNIOR - €65
ROTAX, 125OPEN - €75
X30 SENIOR - €75

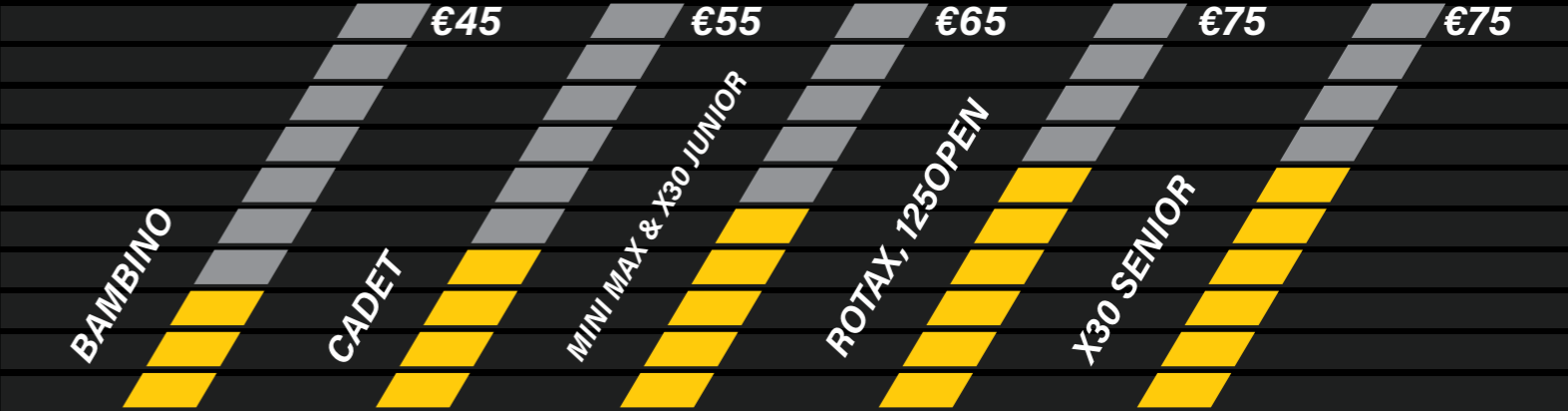
TULLYALLEN KART

CLUB ENTRY FEES



RACE ENTRY FEES

GET STARTED IN KARTING



RACE ENTRY FEES

GET STARTED IN KARTING

BAMBINO - €55

CADET NOVICE - €55

CADET & X30 JUNIOR - €55

T4, ROTAX, 125OPEN - €65

X30 SENIOR - €65

LEINSTER KART CLUB ENTRY FEES

€55

€55

€55

€65

€65

BAMBINO

CADET NOVICE

CADET & X30 JUNIOR

T4, ROTAX 125OPEN

X30 SENIOR

RACE ENTRY FEES

GET STARTED IN KARTING

TEAM FEES

Packages can range from hiring a mechanic for a race weekend to full arrive and drive setups.

The price for a mechanic for a weekend can start at €100 per day. There are different prices for different packages offered by race teams and will be bespoke to your needs. There are two teams operating in Ireland [NCM](#) & [DMS](#).

//RACE TEAMS//



GET STARTED NOW



WWW.FORMULAFEMALE.ORG

ENGAGE EDUCATE EMPOWER