

ROTAX





# **ROTAX ENGINES**





### **Engine:**

### ROTAX 125 MICRO MAX evo





ENGINE KIT

IKD Part #: ZZFR125MMEV0

BARE ENGINE

IKD Part #: ZZBE125MMEV0

► Max. Performance: 6 kW / 8 hp at 7,500 rpm ► Maximum Torque: 9 Nm at 6,000 rpm

#### THIS IS WHERE IT ALL BEGINS

The Rotax 125 Micro MAX engine has an incredibly long service life compared to other engines on the market. It is a restricted form of the Junior MAX engine and uses all the same internal components, meaning the engine is hardly stressed at all. Multiple winners of the Rotax Pro Tour series did not touch the engine all year long! Go to the track and let your kid do what hundreds of laps.

### **Engine:**

### **ROTAX 125 MINI MAX evo**





Max. Performance: 11 kW / 15 hp at 8,500 rpm
Maximum Torque: 13 Nm at 8,000 rpm

#### WHEN IT COMES TIME TO STEP UP

Simply upgrade your engine from Micro to Mini MAX - you don't need to buy another engine.

All the benefits of a Micro MAX but slightly faster, the engine remains incredibly reliable allowing you to do more racing! Like all Rotax engines, it comes with a full manufacturer backed warranty program for your peace of mind.

**ENGINE KIT & BARE ENGINE** 

Mini MAX engine needs to be ordered as Junior MAX engine with Mini MAX configuration!

### **Engine:**

### ROTAX 125 JUNIOR MAX evo





ENGINE KIT

IKD Part #: ZZFR125MJEV0

BARE ENGINE

IKD Part #: ZZBE125MJEVO

Max. Performance: 17 kW / 23 hp at 8,500 rpm Maximum Torque: 19 Nm at 8,500 rpm

#### NOW IT'S TIME TO GO FAST

The Junior MAX engine provides a really high level of performance at a realistic price. Race against the best kids in Australia at the Rotax Pro Tour and other special events. Just like all Rotax classes, the coveted Rotax World Finals is within your reach if you race a "JMAX". Engine upgradable to a Senior MAX when it comes time to step up.

# **ROTAX ENGINES**





**Engine:** 

### **ROTAX 125 SENIOR MAX evo**



Max. Performance:

22 kW / 30 hp at 11,500 rpm

Maximum Torque:

21 Nm at 9,000 rpm

#### THE BIGGEST SELLING KART ENGINE IN THE WORLD

This engine can be used in Rotax classes, TAG Restricted, TAG. The Power Valve system means it develops high horsepower without revving as hard as other similar engines. This means less engine rebuilds and more racing! Race at club level, state level or national level with the Rotax 125 Senior MAX - the engine that ticks all the boxes!



ENGINE KIT

IKD Part #: ZZFR125MEV0

BARE ENGINE

IKD Part #: ZZBE125MEVO

Engine:

### **ROTAX 125 MAX DD2 evo**



Max. Performance:Maximum Torque:

25 kW / 34 hp at 12,000 rpm 22 Nm at 10,500 rpm

#### LOOKING FOR A NEW CHALLENGE

It's faster, has 2 gears and F1 style paddle shifts and you get the late braking thrill of front brakes. The DD2 also has the unique "direct drive" feature, the axle passes directly through the engine — no more chains and chain lube to think about! DD2 is the premier class at the Rotax Pro Tour.

There is also a DD2 Masters category for drivers over the age of 32, this is the only national level class for the mature driver.



ENGINE KIT

IKD Part #: ZZFR125DD2EV0

**BARE ENGINE** 

IKD Part #: ZZBE125DD2EVO

All Rotax engines feature electric start for ease of use, water cooling technology for longer service life, a non adjustable carburettor and fixed length exhaust for simplicity, CNC technology cylinders and digital ignition system for unbeatable parity engine to engine.

All Rotax engines are available as a complete engine kit which includes the engine, carburettor, fuel pump, airbox, radiator, exhaust system, battery, E-Box, wiring harness & switch - everything you need to go racing!

Bare engines are also available which is often used as an economical way of getting a spare engine in your trailer!

ROTAX (\*\*)

THELLETGE

PRO TOUR \*\*\*

MORE INFORMATION ON ROTAX AND ROTAX PRO TOUR:











### ROTAX PRO TOUR

Rotax Pro Tour is a National Kart Series, organised and promoted by International Karting Distributors and officially sanctioned by Karting Australia.

The purpose of the Rotax Pro Tour is to provide special events specifically for Rotax customers.

The Rotax Pro Pour visits some of the best tracks in Australia and offers unique features and various racing formats, Live streaming and huge social media coverage across all events. Offering blue plates at selected State Championship rounds, red plates for Series Champions, trophies at each round and the Jason Richards cup and award which is presented along with the Pro Tour Series winners and the Grand Finals tickets at the Jason Richards Gala Dinner.

Plus, the Rotax Pro Tour offers Australians their chance at winning tickets to the Rotax MAX Challenge Grand Finals (RMCGF). If you want to be part of Team Australia at this world class event, then you need to race the Rotax Pro Tour, you could be the next Australian to become a Rotax World Champion!



### ROTAX MAX CHALLENGE GRAND FINALS

With an astounding 360 drivers from more than 60 countries, the Rotax MAX Challenge Grand Finals (RMC-GF) is the biggest International karting event in the World. To compete at this incredible event you have to earn the right by winning a ticket in your home country or at selected International events so the drivers at the RMCGF really are the best of the best from each country.



Drivers receive a brand new kart and engine package via a raffle system, all the karts in your class are identical meaning every driver has an equal chance of winning. The event is all provided by Rotax free of charge including tyres, fuel, oil and use of a basic tool kit (with the exception of your crash damage).

The event always features a Welcome Party and a Drivers After Party. The atmosphere at this event is second to none and most people feel that the event was a once in a lifetime experience. Rotax specifically try and host this event in interesting and exotic locations across Europe, North and South America and the United Arab Emirates.

The RMCGF is a unique opportunity to represent your country on a world stage wearing the Australian colours on your custom made Team suit supplied by IKD.



6 WORLD CHAMPIONS
15 PODIUMS
10 NATIONS CUP PODIUMS



Troy Woolston - World Champion DD2 Masters / RMCGF 2017

Lee Mitchener - celebrating his 2016 DD2 Masters World Title







### **MICRO MAX CLASS**





Micro MAX offers the youngest drivers a chance to compete at a national level event vying for State Championship status, Red Plate and a World Final ticket. The ideal starting point for any little racer.



**DRY TYRE** 





**WEIGHT\*** 









**ROTAX PRO TOUR** 

# **ROTAX 125 MINI MAX CLASS**

ROTAX. ©
CHALLEDGE
PRO TOUR \*\*\*



Mini MAX uses the same tyre as the Micro MAX class which makes the transition easy for kids as they get older. The most commonly used kart size in both categories is a 950 mm wheelbase kart meaning the same kart can be used throughout your transition from Micro to Mini MAX.



**DRY TYRE** 











ENGINE 125 MINI MAX evo



Costa Toparis - 5th place / Grand Finals Brasil 2018

\*Weight: Kart & Driver



# JUNIOR MAX CLASS





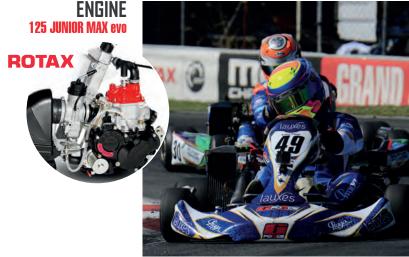
Junior MAX offers very competitive wheel to wheel racing, using the popular MOJO D2 tyre which provides a good level of grip yet still teaches the developing driver the true art of driving and braking.

AGE





**WET TYRE** 







**ROTAX PRO TOUR** 

## **ROTAX LIGHT CLASS**





Rotax Light is the most popular and competitive Senior class and the logical step to take from Juniors as you are still running on the same tyre and chassis.

**AGE** 

**DRY TYRE** 





**WET TYRE** 





ШЗ

**ROTAX PRO TOUR** 

\*Weight: Kart & Driver









# **ROTAX HEAVY CLASS**

It is the only National level class that caters for the bigger drivers who are competing for State Titles, the coveted Red Number 1 Plate and Series prizes.















**ROTAX PRO TOUR** 

# **DD2 CLASS**



DD2 is a really high performance class with the added thrill of front brakes but still maintains a reasonable level of overall cost through stability of the base engine itself. It is the premier and fastest class at the Rotax Pro Tour.

**AGE** 





**WET TYRE** 

**WEIGHT\*** 

**ENGINE** 125 MAX DD2 evo

Cody Gillis - World Champion DD2 / Grand Finals Portugal 2017





# DD2 MASTERS CLASS PRO TOUR

ROTAX (\*\*)

ROTAX (\*\*)

ROTAX (\*\*)

ROTAX (\*\*)

ROTAX (\*\*)

DD2 MASTERS is the same class as DD2 but only eligible to drivers who are turning 32 years of age in the year you are competing or older. Australian drivers have proven that the competitiveness at the Rotax Pro Tour is that of the same standard as the worlds best, backed up by our two world champions.





Trevor Whithy earned the right to compete at the World Final 2018 in Brazil at the age of 57 and ran a very respectible 17th place, out of 72 drivers entered, proving that it is never too late to race a Rotax.

#### OTHER CLASSES WHERE ROTAX ENGINES ARE USED

#### ► TAG-RESTRICTED \_

TAG-Restricted is a very popular class where you can use both the Junior MAX or the Senior MAX engine, both engines are restricted down to the class specification via a cheap and easy to install exhaust restrictor. Rotax reliability, manufacturers warranty and proven performance make Rotax the number one choice around Australia for this class.

#### ► TAG\_

The Senior MAX engine is a proven performer in the TAG class having won many State and National Titles. In this class you will compete against other engines but the sports regulators often review parity to ensure a level playing field. TAG class runs at many Club, State and National level events.

#### ► JUNIOR PERFORMANCE \_

This class is often offered at club level events to allow various competitors to race together - the Junior MAX engine is eligible for this class.

#### ► OPEN PERFORMANCE.

The Senior MAX and DD2 engines are always eligible to run in Open Performance classes.

#### ► SPECIAL EVENTS -

Keep your eye out for other special events such as Enduro's that are offered by clubs, quite often Rotax engines are eligible for these special events.

#### ► INTERNATIONALLY\_

One of the key features of the Rotax program worldwide is that the engine is the same all over the World. Over the years many Australians have taken the opportunity to compete in New Zealand, Asia, America, the Middle East and Europe because they run the same class structure we run in Australia — with Rotax you really can race the World!

Please note, this information is intended to be a guide - ages, tyres and weights are subject to change by the sports regulating bodies.

# **MOJO TYRES**







### MOJO C2 TYRE

With many drivers choosing to use the same set of tyres for practice, racing and often an additional test day this tyre is extremely economical, meaning more laps without the added cost.

**C2 FRONT TYRE** 

IKD Part #: TYMJC2F

**C2 REAR TYRE** 

IKD Part #: TYMJC2R

Recommended wheel size:

Front: 110 mm / Rear: 145 mm



### MOJO D2 TYRE

The MOJO D2 provides a good level of grip for the Junior and Senior Max classes yet still is a long lasting tyre. Drivers are often punching out lap times in the final similar or even faster than they did in qualifying.

**D2 FRONT TYRE** 

IKD Part #: TYMJD2F

**D2 REAR TYRE** 

IKD Part #: TYMJD2R

**Recommended wheel size:** Front: 130 mm / Rear: 210 mm



### ► MOJO D5 TYRE

The MOJO D5 tyre was introduced to the World in 2018 and was very well received by the market. The benefits of the D5 are its longevity and its ease to set up. The tyre also offers minimal "drop off" in lap times. It is now the tyre of choice for the DD2 classes at the Rotax Pro Tour.

**D5 FRONT TYRE** 

IKD Part #: TYMJD5F

**D5 REAR TYRE** 

IKD Part #: TYMJD5R

Recommended wheel size:

Front: 130 mm / Rear: 210 mm



### **MOJO CW TYRE**

The WET WEATHER TYRE for Micro MAX and Mini Max classes.

CW FRONT TYRE

IKD Part #: TYMJCWF

**CW REAR TYRE** 

IKD Part #: TYMKCWR

**Recommended wheel size:** Front: 110-115 mm / Rear: 130 mm



#### MOJO W3 TYRE

The **WET WEATHER TYRE** for Junior MAX, Rotax Light, Rotax Heavy and DD2 classes.

**W3 FRONT TYRE** 

IKD Part #: TYMJW3F

**W3 REAR TYRE** 

IKD Part #: TYMJW3R

Recommended wheel size:

Front: 130 mm / Rear: 180 mm

### WHERE YOUR ENGINE IS COMING FROM

We create innovative ways to move

– on snow, on water, on asphalt or dirt – even in the air.

Headquartered in the Canadian town of Valcourt, Quebec, BRP has been

reimagining the way you access your world. Building on a tradition of ingenuity

and intense customer focus that go manufacturing facilities in Canada, and Austria. We have a total work-

resourceful

Our portfolio of industry leading and Ski-Doo and Lynx snowmobiles,

Alumacraft boats, Manitou pontoons, engines for karts, motorcycles and recreall the way back to 1937, we operate the United States, Mexico, Finland, force of more than 10,500 driven, people. distinctive products comprises Sea-Doo watercraft, Can-Am vehicles, Evinrude outboard engines, Rotax

ational aircraft. We support our products

with a dedicated dealer network, genuine parts and accessories and a industry leading warranty program, to fully enhance your Karting experience.

### Because it's not about the destination. It's about the journey. Yours.





BRP-Rotax GmbH & Co KG, a subsidiary of BRP Inc., located in Gunskirchen, Austria. In the last 50 years, the company has developed more than 350 engine models for recreational vehicles and produced over 7 million engines. www.rotax.com



**International Karting Distributors** 4 Pullman Place **Emu Plains NSW 2750** +61 2 4735 1344

e-mail: sales@internationalkarting.com www.internationalkarting.com www.rotax.com.au