

ROTAX
KARTING



THE POWER TO EXCITE!

www.rotax-kart.com

BRP PROFILE

BRP is a world leader in the design, manufacturing, distribution, and marketing of motorized recreational vehicles and powersports engines.

BRP sets the pace in the industry with high-performance engines that power the world of motor sports. We refine the optimum every day for more fun and more personal safety.

Built on a 70-year tradition of excellence and headquartered in the Canadian town of Valcourt, Québec, BRP operates manufacturing facilities in Canada, the United States, Mexico, Finland and Austria, and has a total workforce of about 7,100 passionate people. BRP products are sold in more than 105 countries around the world.

Our internationally recognized product lines include

- **SKI-DOO®** and **LYNX®** (snowmobiles)
- **SEA-DOO®** (watercraft)
- **EVINRUDE®** (outboard engines)
- **CAN-AM®** (ATVs, side-by-side vehicles, and Spyder roadsters)
- **ROTAX®** (engines)



BRP overview

Name: Bombardier Recreational Products Inc. (BRP)
Headquarters: Valcourt, Québec (Canada)
Employees: 7,100 worldwide
Manufacturing Sites: Canada, USA, Mexico, Finland, Austria
Ownership: Shares are traded on the Toronto Stock Exchange under the symbol „DOO“.

ROTAX

THE POWER TO EXCITE

Over 90 years in the powertrain industry and going strong, Rotax® engines are the heart and soul of countless products.

BRP's Austrian facility oversees the worldwide development and production of Rotax engines. In fact, BRP has developed more than 350 engine models for recreational products and produced over 7 million engines.

Engines produced by BRP are renowned for their maximum performance, light weight, fuel efficiency, longevity and reliability.

BRP's Austrian facility produces engines for Ski-Doo and Lynx snowmobiles, Sea-Doo watercraft, Can-Am ATVs, side-by-side vehicles and roadsters, karts, ultralight and light sport aircraft and motorcycles.

From this extensive know-how arises top-quality products that are at the forefront of the industry.



BRP's Austrian subsidiary - overview

- Name:** BRP-Powertrain GmbH & Co KG
- Location:** Gunskirchen, Austria
- Employees:** 1,150
- Manufacturing Sites:** Austria, Mexico
- Ownership:** 100% subsidiary of BRP



ROTAX KART ENGINES HISTORY

Over the past 30 years, BRP has established itself as a dominant player in the kart engines business. In the early 1980s, our engineers began to adapt already popular Rotax motorcycle engines to kart racing. This project quickly gained popularity during the 1980s and has led to major innovations ever since.

1983

Introduction of the legendary Rotax 100 cc rotary valve engine for kart racing.
(CIK/FA and FSA classes)

1986

Introduction of the Rotax 100 cc reed valve engine.
(CIK/ICA class)

1992

Introduction of the Rotax 100 cc piston port engine.
(CIK/ICA-Junior class)

1995

CIK homologation of the innovative left-side-drive Rotax 100 cc rotary and reed valve engines.

1997

Introduction of the Rotax 125 MAX engine.

1999

First edition of the Rotax MAX Challenge race series.

2000

Introduction of the Rotax 125 Junior MAX engine.

First Grand Finals of the Rotax MAX Challenge.

BRP introduces innovative products for a safer and more affordable karting experience without compromising the fun factor.

Between 1983 and 2002, numerous titles have been won with karts powered by Rotax engines. The popularity of Rotax engines and the sport of karting has grown considerably because many Formula 1 pilots, like Kimi Raikkonen, Jenson Button, Giorgio Pantano, Anthony Davidson, Esteban Gutierrez and Robert Kubica, started their racing careers using Rotax kart engines.



2002

Market introduction of the Rotax 125 MAX DD2 engine – innovative chainless drive system with 2-speed gearbox.

Phase-out of Rotax 100 cc engines.

Introduction of the Rotax RM1 kart.

2003

25,000 Rotax 125 MAX engines manufactured.

2004

Introduction of the Rotax 125 Mini MAX engine.

2006

Opening of market to all chassis manufacturers for the Rotax 125 MAX DD2 engine.

2007

Introduction of the Rotax 125 Micro MAX engine.

2009

60,000 Rotax 125 MAX engines manufactured.

10th Anniversary Rotax MAX Challenge Grand Finals.

2014

15th Anniversary of the Rotax MAX Challenge Grand Finals.

Introduction of the Rotax 125 MAX evo engine series.

HISTORY

www.rotax-kart.com

ROTAX KART ENGINES

THE PRODUCT / THE BRAND

Warranty: When buying a Rotax MAX engine, you benefit from BRP's 6-month manufacturer's warranty for racing engines; something quite rare in the industry.

Engine for life: With our incredible evolution concept, you can easily convert your Rotax 125 Micro MAX engine to the Rotax 125 MAX by upgrading just a few components.

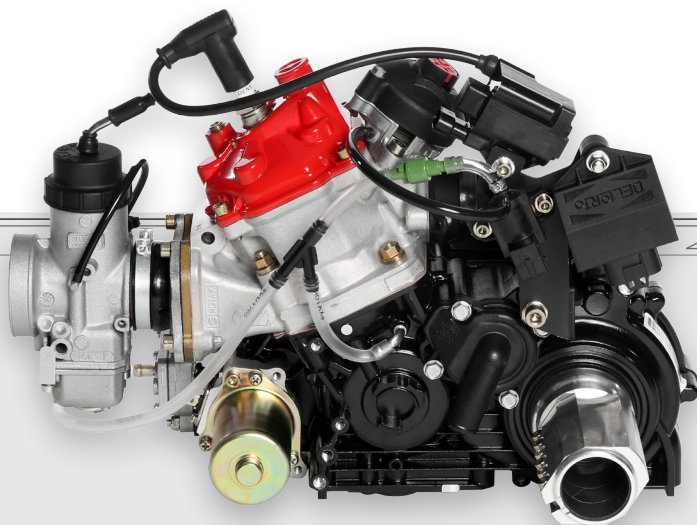
High reliability & value: Besides a longer engine life, Rotax MAX engines offer maximum performance while keeping their value at the same time.

Low cost & less oil: With just 2% oil consumption and highly durable engine components, Rotax MAX engines will save you a great deal of money.

Outstanding service: Our worldwide network ensures outstanding service and spare parts availability for up to ten years.

Racing: BRP also offers the world's biggest, most international and fairest racing series – the Rotax MAX Challenge – on a club, regional, national and international level.

Competition: Are you a competitive racer? The Rotax MAX community with its 80,000 members offers plenty of opportunities to prove your racing skills. Join us on **www.kart-cloud.com**



DISTRIBUTION NETWORK

Since the introduction of the innovative Rotax 125 MAX engine, BRP has established an extensive distribution and service network aiming to offer extraordinary service to customers everywhere.

Over the years, the distribution network has grown to 46 distributors, comprising more than 700 appointed authorized service centres and dealers in more than 100 countries.

Our dealers and service centres are constantly trained in order to ensure the highest quality of service – enhancing the experience of our customers.



WORLDWIDE

www.rotax-kart.com

THE ROTAX MAX **evo**

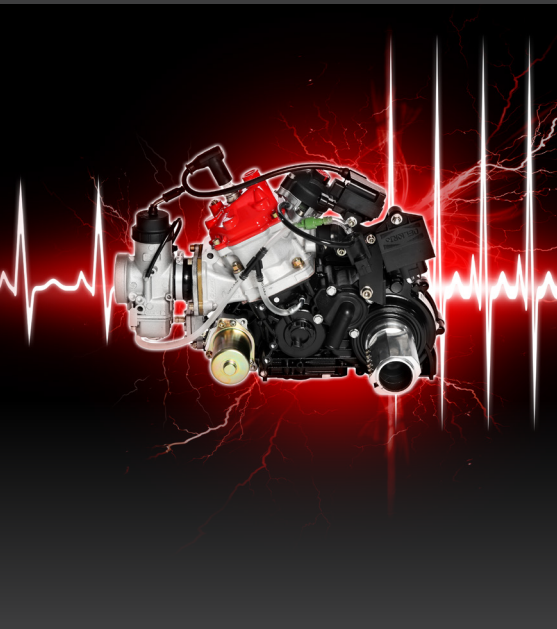
MAKES YOUR HEART BEAT FASTER

125 MAX
evo
ENGINE SERIES

The **Rotax 125 MAX evo** engine series combines the proven Rotax MAX engines evolution concept and the latest technology in karting.

With its advanced engine technology, the new engine series is easy to use, offers equal opportunities for all drivers and lower operating costs due to its improved durability. Thanks to its optimized performance characteristics and ease of use, you will have more fun on the track.

CLOSER COMPETITION



- New carburetor – offers a significantly improved throttle response and reduces the need to re-adjust the calibration at changing conditions
- Electronic box – with new ignition timing for different engine specifications results in optimized engine characteristics
- Electronic timed exhaust valve – with exact timing. Two different switch points can be selected to allow an adaptation to individual driving preferences
- New battery holder unit – with integrated combined switch (OFF/ON/START) – less complex installation at the chassis and easy to operate
- New exhaust system – with split tuned pipe and silencer offers lower weight, reduced noise emissions and improved durability
- New con rod – advanced hardening process allows improved lubrication
- The changed profile of the piston allows a shorter break-in time and still provides a reduced wear rate.



8-10
years*

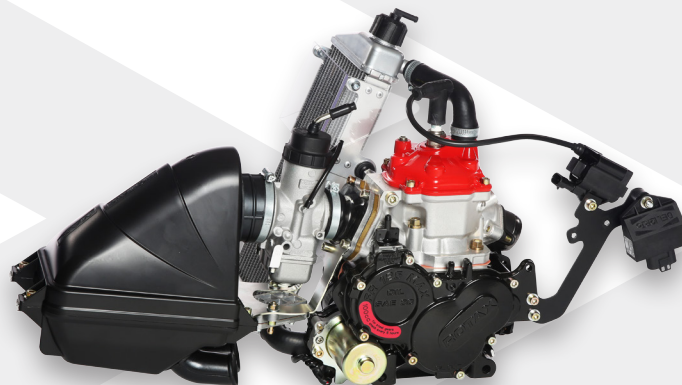
125 MICRO MAX EVO



UPGRADE ►

Perfect for young kids
to start karting.

Age	8 – 10 years
Race class	mainly national
Maximum Performance	6 kW / 8 hp at 7,500 rpm
Maximum Torque	9 Nm at 6,000 rpm
Weight	bare engine: 11.8 kg / 26.0 lbs with complete power pack: 21.6 kg / 47.6 lbs
Special features	Junior cylinder without exhaust valve, restricted exhaust socket, radiator and exhaust that fit special kid chassis
Power Pack	intake silencer, carburetor, fuel pump, engine, exhaust system, radiator, battery, battery box incl. cover, cable harness, OFF/ON/START switch, relay
Chassis compatibility	wheel base from 780 mm to 1,050 mm



10-13
years*

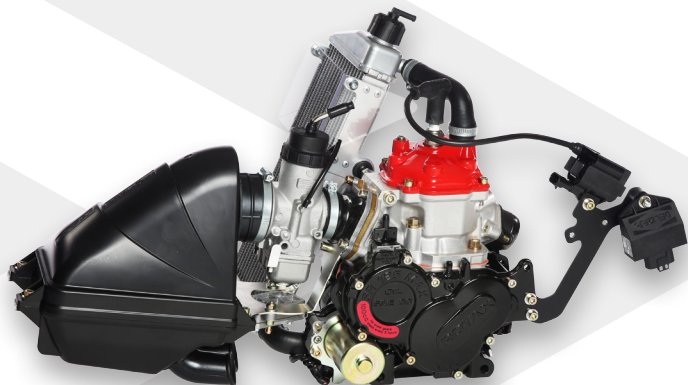
125 MINI MAX EVO



◀ DOWNGRADE/UPGRADE ►

Perfect for kids
with racing experience.

Age	10 – 13 years
Race class	mainly national
Maximum Performance	11 kW / 15 hp at 8,500 rpm
Maximum torque	13 Nm at 8,000 rpm
Weight	bare engine: 11.8 kg / 26.0 lbs with complete power pack: 23.0 kg / 50.7 lbs
Special features	Junior cylinder without exhaust valve, restricted exhaust socket
Power Pack	intake silencer, carburetor, fuel pump, engine, exhaust system, radiator, battery, battery box incl. cover, cable harness, OFF/ON/START switch, relay
Chassis compatibility	wheel base from 900 mm to 1,050 mm



13-16
years*

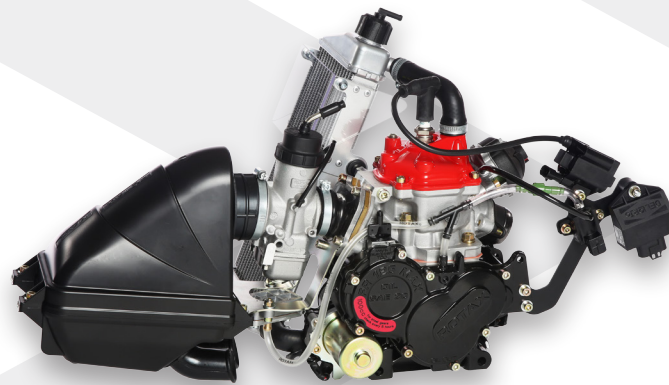
125 JUNIOR MAX evo

23 hp
TOTAL

◀ DOWNGRADE/UPGRADE ▶

Perfect for Juniors
with racing experience.

Age	13 – 16 years
Race class	National/international
Maximum Performance	17 kW / 23 hp at 8,500 rpm
Maximum torque	19 Nm at 8,500 rpm
Weight	bare engine: 11.8 kg / 26.0 lbs with complete power pack: 23.0 kg / 50.7 lbs
Special features	Junior cylinder without exhaust valve
Power Pack	intake silencer, carburetor, fuel pump, engine, exhaust system, radiator, battery, battery box incl. cover, cable harness, OFF/ON/START switch, relay
Chassis compatibility	wheel base from 950 mm to 1,050 mm



15+
years*

125 MAX evo

30 hp
TOTAL

◀ DOWNGRADE

Perfect for people with racing experience as
well as ambitious leisure kart drivers.

Age	15 years +
Race class	National/international
Maximum Performance	22 kW / 30 hp at 11,500 rpm
Maximum torque	21 Nm at 9,000 rpm
Weight	bare engine: 12.0 kg / 26.5 lbs with complete power pack: 23.1 kg / 51.0 lbs
Special features	Cylinder with electronically controlled exhaust valve
Power Pack	intake silencer, carburetor, fuel pump, engine, exhaust system, radiator, battery, battery box incl. cover, cable harness, OFF/ON/START switch, relay
Chassis compatibility	wheel base up to 1,050 mm



15+
years*

125 MAX DD2 EVO

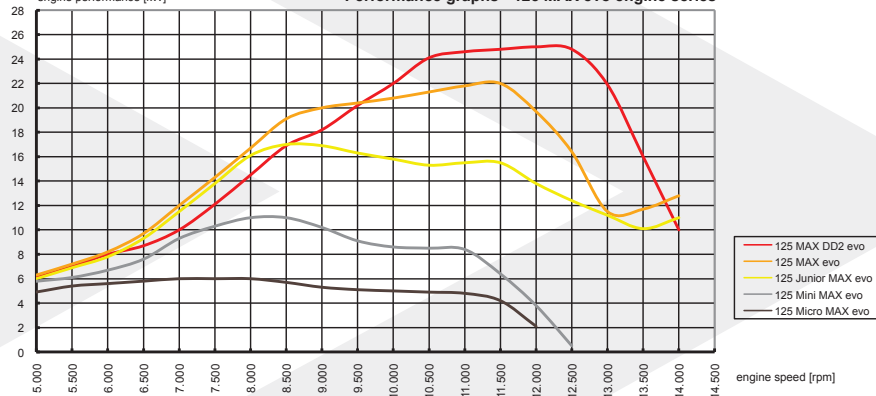
34hp

Perfect for people with kart racing experience as well as for beginners. Revolutionary engine gave rise to the development of innovative chassis by all leading producers.

Age	15 years +
Race class	National/international
Maximum Performance	25 kW / 34 hp at 12,000 rpm
Maximum torque	22 Nm at 10,500 rpm
Weight	bare engine: 16.8 kg / 37.0 lbs with complete power pack: 28.8 kg / 63.5 lbs
Special features	Chainless drive system, 2-speed gearbox, operated by shift paddle from the steering wheel, cylinder with electronically controlled exhaust valve
Power Pack	intake silencer, carburetor, fuel pump, engine, exhaust system, radiator, battery, battery box incl. cover, cable harness, OFF/ON/START switch, relay
Chassis compatibility	wheel base up to 1,050 mm

engine performance [kW] *

Performance graphs - 125 MAX evo engine series



*Performance figures according to ISO 15550 and ISO 4106

ROTAX
KARTING



www.rotax-kart.com

MOJO TYRES

THE OFFICIAL TYRE OF THE ROTAX MAX CHALLENGE



C2

MICRO / MINI (CADET)



CW

Recommended
for use in
Rotax 125
Micro/Mini MAX
classes or equivalent



D1*

Recommended
for use in
Rotax 125
Mini/Junior MAX
classes or equivalent



D2*

Recommended
for use in
Rotax 125
MAX
classes or equivalent



D3*

Recommended
for use in
Rotax 125
MAX DD2
classes or equivalent



W2*

Recommended
for use in
Rotax 125
Junior/MAX/DD2
classes or equivalent

Regardless of age or driver experience - BRP's distribution network offers the right tyre. Our focus on high-quality standards enables you to achieve your best performance at a reasonable price.

*Tyres are homologated according to CIK regulations and standards and meet the latest EU regulation 2005-69 that limits the use of PCA additives.

ROTAX

PARTS ACCESSORIES CLOTHING



For more information, please visit our website: rotax-kart.com
or ask your local distributor, service centre or dealer!

www.rotax-kart.com

HISTORY OF THE ROTAX MAX CHALLENGE

The Rotax® MAX Challenge™ (RMC) is a motor sport race formula for race karts. It is owned and organized by BRP and its distributors. It is approved by and in compliance with the CIK-FIA (Commission Internationale de Karting / Federation Internationale de l'Automobile), using checked and sealed Rotax MAX engines for equal performance.

On a national level, authorized distributors of Rotax kart products offer their customers a national RMC program.

More than 7,500 active Rotax MAX drivers are in the RMC program and an additional 7,500 kart racers follow the basic rules of the RMC – the “Rotax Sporting and Technical Regulations” and the mandatory type of tyres: MOJO®.

Team spirit, on-track competition combined with sportsmanship and a quest for achievement are the fundamentals of the Rotax MAX Challenge.



ROTAX MAX CHALLENGE GRAND FINALS

The first international Grand Finals of the Rotax MAX Challenge were held in Puerto Rico.

The Rotax MAX Challenge Grand Finals is by far the fairest, most international kart sporting event in the world. All drivers are provided with the same equipment, like controlled and sealed Rotax MAX engines, chassis, fuel, XPS Kart Tec oil and MOJO tyres.

Ultimately, it is up to the driving skills of the participants to determine the winner of the competition.

Since the first edition in 2000, the Rotax MAX Challenge Grand Finals have been held on numerous tracks in diverse and exotic locations such as Malaysia, South Africa, Egypt, etc.

The number of participants in the RMC GF has grown steadily. Racing in four categories, 288 participants from close to 60 countries gather at the kart track to race for the Rotax MAX Challenge Grand Finals titles.

The Rotax MAX Challenge Grand Finals is supported by different partners who play a major role. Their know-how, their high quality products, their on-site team and their long-term experience are vital in making the Grand Finals a successful event.



PURE RACING



www.rotax-kart.com



THE WORLD IS OUR PLAYGROUND

Nothing is more valuable than your playtime. That is why BRP is dedicated to continually finding new and better ways to help you enjoy your favorite power sports. From snow to water to both on- and off-road fun, our passion for adventure fuels the innovations that result in the ultimate power sports experience for our customers. We value



the land and water we play on and are committed to protecting it. Our desire to thrill is paired with an emphasis on rider responsibility, placing personal safety above all else. So that each outing can be the most enjoyable, memorable and thrilling experience possible. Because your free time should always be your best time.

www.brp.com



SKI-DOO®

LYNX®

SEA-DOO®

EVINRUDE®

ROTAX®

CAN-AM®

© 2014 BRP-Powertrain GmbH & Co KG. All rights reserved. ® TM and the BRP logo are trademarks of Bombardier Recreational Products Inc. or its affiliates. All other trademarks are the property of their respective owners. Printed in Austria. BRP-Powertrain GmbH & Co KG reserves the right at any time to discontinue or change specifications, prices, designs, features, models or equipment without incurring obligation. Engine performance may vary depending on, among other things, general conditions, ambient temperature and altitude. These technical data and the information contained therein are property of BRP-Powertrain GmbH & Co KG and must not be reproduced, neither entirely nor partially, and passed on to third parties without previous consent in writing by BRP-Powertrain GmbH & Co KG. For information only - without commitment to subsequent modifications.