

ROTAX
NEW AGE KARTING



NEW AGE KARTING

ROAD

ROTAX[®]
NEW AGE KARTING



TO SUCCESS

EXPERIENCE.

BRP-Rotax has more than 25 years experience in development, design and production of pure kart sport combustion engines.

INITIATION.

Always a step ahead. With numerous innovations BRP-Rotax kart engines have been shaping the global market.

FUTURE.

On top of the game, with an eye on tomorrow, based on continuous improvement in product and people.



BE



ROTAX
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PART OF IT



SKI-DOO®



LYNX®



SEA-DOO®



EVINRUDE® / JOHNSON®



CAN-AM™



CAN-AM™

IDENTITY.

As part of BRP, powersports are in our minds and hearts.
Ready to conquer the great out-doors on water or snow, on- or off-road.

UNIQUE.

Get equipped – from engines, tyres and clothing up to a fully-fledged race kart.
Your single pit-stop in karting – the only one of its kind.

ON TRACK.

The ROTAX Max Challenge is the major kart racing series worldwide.
Prove yourself on a level playing field. Let your driving skills pave the way towards victory.

POWER FOR

RIGHT ON TRACK.

No matter which age and level of proficiency - BRP-Rotax provides the right „power pack“.

PERFECTION.

Our focus on high quality standards enables you to achieve your best performance.

CONFIDENCE.

Worry free. BRP-Rotax offers limited warranty on kart engines.

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PASSION





EVOLUTION.

By upgrading various accessories and components a 125 Micro MAX engine configuration can be easily converted to a 125 MAX configuration.

CHOICE.

The product range consists of the traditional chain drive engines (125 Micro MAX to 125 MAX) without gearbox and the innovative top class, chainless - direct drive engine (125 MAX DD2) with 2 speed gearbox.

SETTING.

The engines are developed and designed specifically for short kart race tracks (600 - 1.500 meter length).

PACKAGE.

All BRP-Rotax kart engines are offered as a complete „power pack“ which includes all components that have an influence on the function, performance or durability of the engine.

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KEEP YOUR



125 MICRO MAX

Perfect for kids to start with karting.

Age	8 – 10 years
Race class	mainly national
Maximum Performance	5 kW / 6,8 hp at 6.500 rpm
Maximum Torque	8 Nm at 5.500 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, radiator and exhaust that fit special kids chassis
Power Pack	silencer, carburetor, fuel pump, engine, exhaust system, radiator, battery, battery box, cable harness, start button, ON/OFF switch
Chassis compatibility	wheel base from 780 mm to 1.050 mm



125 MINI MAX

Perfect for young kids with karting experience.

Age	10 – 13 years
Race class	mainly national
Maximum Performance	10 kW / 13,6 hp at 8.500 rpm
Maximum torque	12 Nm at 7.500 rpm
Weight	bare engine: 11,8 kg / 26,0 lbs with complete power pack: 23,6 kg / 52,0 lbs
Special features	Junior cylinder without exhaust valve, restrictors in intake manifold and exhaust socket
Power Pack	silencer, carburetor, fuel pump, engine, exhaust system, radiator, battery, battery box, cable harness, start button, ON/OFF switch
Chassis compatibility	wheel base from 900 mm to 1.050 mm

KART ENGINE



125 JUNIOR MAX

Perfect for Juniors with kart racing experience.

Age	13 – 16 years
Race class	National/international
Maximum Performance	15 kW / 20,4 hp at 8.500 rpm
Maximum torque	17 Nm at 8.500 rpm
Weight	bare engine: 11,8 kg / 26,0 lbs with complete power pack: 23,4 kg / 51,6 lbs
Special features	Junior cylinder without exhaust valve
Power Pack	silencer, carburetor, fuel pump, engine, exhaust system, radiator, battery, battery box, cable harness, start button, ON/OFF switch
Chassis compatibility	wheel base from 950 mm to 1.050 mm



125 MAX

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

Age	15 years +
Race class	National/international
Maximum Performance	21 kW / 28,5 hp at 11.500 rpm
Maximum torque	21 Nm at 8.750 rpm
Weight	bare engine: 12,0 kg / 26,5 lbs with complete power pack: 23,6 kg / 58,6 lbs
Special features	Cylinder with exhaust valve
Power Pack	silencer, carburetor, fuel pump, engine, exhaust system, radiator, battery, battery box, cable harness, start button, ON/OFF switch
Chassis compatibility	wheel base up to 1.050 mm

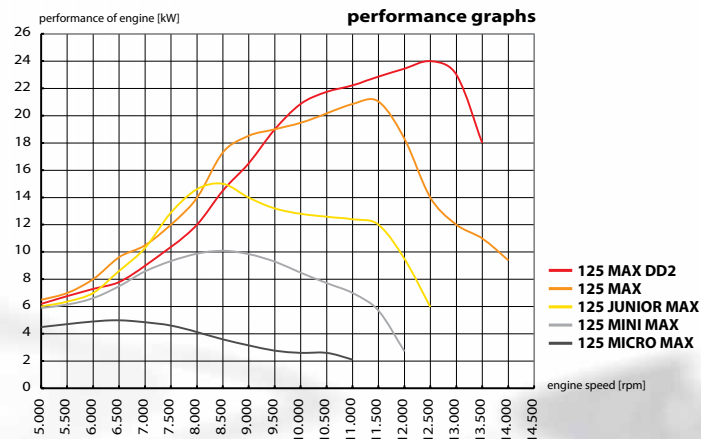
E FOR LIFE



125 MAX DD2

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	24 kW / 32,6 hp at 11.750 rpm
Maximum torque	20 Nm at 10.500 rpm
Weight	bare engine: 16,8 kg / 37,0 lbs with complete power pack: 29,2 kg / 64,4 lbs
Special features	Chainless drive system, 2-speed gearbox, operated by shift paddle from the steering wheel
Power Pack	silencer, carburetor, fuel pump, engine, exhaust system, radiator, battery, battery box, cable harness, start button, ON/OFF switch
Chassis compatibility	wheel base up to 1.050 mm



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THE WINNER



INNOVATION.

A turn key solution for attaining a perfect match between engine, chassis and design.

CHAINLESS - PAINLESS.

The revolutionary chainless 2-speed direct drive train does not require any service such as lubrication or chain adjustment. Less time in the pits means more time on the track.

REVOLUTION.

A trendsetting and highly functional design that pushed the karting scene ahead. Catching up with the developments and power of the 125 MAX DD2 engine.

MAXIMUM.

The incredible acceleration and response of the 125 MAX DD2 engine and the shifting create an impressive driving experience. RM1 has a limit – your limit.

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TAKES IT ALL



KART ROTAX RM1 (Mod. 2007)

Engine (power-pack)	ROTAX 125 MAX DD2
Brake System	MAGURA self adjusting 4 piston brake system with bias control, 2 front (160 mm) and 2 rear disks (180 mm)
Rims	Light weight aluminium rims
front	width = 130 mm
rear	width = 210 mm
Tyres	Mojo® (standard configuration) Mojo® (rain tyres, option)
Fuel tank	KG quick release fuel tank, 8,5 litres
Seat	TILLET Racing Seat T8 1/4 black, XL, L, ML, MS
Steering wheel	Ultralight flat top, diameter = 320 mm
Fender and protection systems	FFS - front fender system RFS - rear fender system RTPS - rear tyre protection system
Design of bodywork	Sublimated design in red, orange, grey and black
Wheel base	1.040 mm / 40,9 in
Weight	91,4 kg / 201,5 lbs - with coolant and oil, without fuel



MEET THE C

IMPULSE.

Whether your goal is to compete at the highest level or enjoy a weekend of racing with friends, the Rotax Max Challenge is your domain.

COMPETITION.

Get the opportunity to test your skills against the best drivers in local, regional, national and international championships.

FAIRNESS.

Equal and sealed engines to ensure an equal opportunity to win. Talent is the key to success and not the size of the wallet.

EAGERNESS.

Karting has proven to be a springboard to higher level motor sports. Most current Formula 1 drivers started their career in karting.



CHALLENGE



TEAM SPIRIT.

Competition on track combined with real sportsmanship and appreciation of achievements. This is the fundamental idea of the Rotax Max Challenge.



www.maxchallenge-rotax.com

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CLOSE TO YOU

NETWORK.

The distribution and service for BRP-Rotax kart products are organized by an international net of authorized Distributors and their Service Centres/Dealers.

WORLDWIDE.

The actual distribution- and service network for BRP-Rotax kart products covers more than 50 countries on all 5 continents.

QUALIFICATION.

All authorized service centres are technically trained and licensed, to be able to provide the best support for services and repairs of all BRP-Rotax kart products.



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www.kart-rotax.com

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