



MODELO/ MODEL YEAR 2021

TECHNICAL SPECIFICATIONS. RAGA RACING 2021

ENGINE:	Single cylinder 2 stroke.
Displacement:	294,1cc - 272,2 cc - 247,7 cc - 125 cc
Cooling system:	Liquid cooled.
Bore & stroke:	79x60 mm (300 cc) - 76x60 mm (280 cc) - 72,5x60 mm (250 cc) - 56x54.6mm (125cc)
Ignition:	HIDRIA CDI (double spark).
Clutch:	3 discs diaphragm TRS hydraulic system.
Gearbox:	5 speed.
Engine oil capacity:	330 ml (standard engine) - 430 ml (Electric start version)
Engine oil capacity (125cc):	350 ml
Secondary drive:	Chain.
Fuel capacity and type of Gasoline:	2,5L - unlead 98 octane recommended - 2 stroke oil mixed at 1%.
Carburetor:	KEIHIN pwk 28
Starting (electric start):	Electric start & kick start - to primary transmission
Starting (pedal - kick start):	Kick start to primary transmission.
Air filter:	oiled foam.
Spark plug:	(250-280-300)cc NGK-R BPMR6A. / (125)cc NGK BR7ES

CHASSIS:	Double cradle forged aluminum frame.
Swing arm:	Aluminum.
Front suspension (electric start version):	Aluminium Tech series 39 mm, 175 mm stroke. - Racing adjustment.
Front suspension (Kick start version):	Gold Tech series 39 mm diam., 175 mm stroke. - Racing adjustment.
Adjustments:	Adjustable spring preload, compression, extension.
Rear suspension:	REIGER 2 way
Adjustments:	Spring preload, compression & extension.
Rear suspension travel:	Rear wheel travel 168 mm.
Wheel type:	Morad aluminum 32 spoked wheel.
Front wheel - tire:	2.75x21 / 1.6x21 - Michelin X11 / Trial
Rear wheel - tire:	4.00x18 TL. / 2.15x18 - Michelin X11 Trial - Lightweight racing wheel.
Front brake:	Disc 185mm Galfer - Caliper 4 piston Braktec
Rear brake:	Disc 150mm Galfer - Caliper 2 piston Braktec
Net weight:	Standard: 66 kg. // Electric start: 68,5 Kg.
Dimensions:	2.015 x 830 x 1.125mm (length x width x height).
Seat height:	640mm
Engine protector:	7075 Aluminum with grip teeth
Foot rest:	TRRS "GRIP" adjustable (+/-) 2,5 mm.

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