



MODEL YEAR 2019

TECHNICAL SPECIFICATIONS. TRS GOLD EDITION

ENGINE:	Single cylinder 2 stroke, crank-case reed valve.
Displacement:	294,1cc - 272,2 cc - 247,7 cc. * 125 cc
Cooling system:	Liquid cooled with thermostatically controlled cooling fan motor.
Bore & stroke:	79x60 mm (300 cc) - 76x60 mm (280 cc) - 72,5x60 mm (250 cc).
Ignition system:	New HIDRIA CDI (double spark).
Clutch design:	3 disc diaphragm TRS hydraulic system.
Clutch actuation:	Hydraulic diaphragm system controlled by handlebar mounted master cylinder
Clutch master cylinder:	Braktec racing with reservoir cover machined.
Gear box:	5 speed with neutral position between 1st and 2nd gear.
Engine oil capacity:	350cc.
Final drive:	Chain, Regina 520.
Fuel capacity and requirements:	2.5 Liters gasoline 98 octane 2T oil @ 1%. <i>(Ethanol blend fuels are prohibited)</i>
Carburetor:	KEIHIN PWK 28
Starting system:	Kick to primary transmission (Kickstart).
Air filter element:	Oiled Foam.
Spark plug:	NGK BPR5 (300 cc) , NGK-R BPMR6A (280 & 250 cc).
Cylinder head:	Machined Racing.
Internal cylinder head:	World Championship GP Racing Compression (on 300 cc model).
CDI	GP Racing program.

CHASSIS:	Double cradle forged aluminum chassis
Filter box:	Carbon fiber.
Front fender support:	Carbon fiber.
Swing arm:	Forged Aluminum.
Front suspension:	Tech 39 mm diam., 175 mm stroke - Racing adjustment.
Settings:	Adjustable spring preload, compression and extension adjustments.
Rear suspension shock absorber:	REIGER Hydrostop Three way adjustments.
Linkage:	TRRS CNC machined
Settings:	low-speed compression - high-speed compression
Rear suspension:	rebound adjustment + -.
Rear suspension:	hydrostop: At near-end of compression is a timer to full compression.
Rear suspension:	spring preload adjustable.
Suspension travel:	Rear wheel travel 168 mm.
Wheels:	Morad aluminum spoked wheels.
Front wheel - tire:	1.6x21 rim with Michelin X11 Trial 2.75x21, Gold anodized.
Front wheel hub:	Mecanizado CNC/ CNC Mechanized.
Rear wheel - tire:	2.15x18 rim with Michelin X11 Trial 4.00x18 TL. Low profile wheels Anodized Gold.
Rear wheel hub:	CNC Machined.
Front brake:	Front brake 185mm Galfer disc, 4 piston BRAKTEC caliper, CNC machined
Front brake master cylinder:	Braktec racing with reservoir cover machined & adjustment of extension.
Rear brake:	Braktec integral reservoir master cylinder - Braktec Racing caliper.
Net dry weight:	65Kg. (143 U.S. pounds - lbs.)
Dimensions:	2.015 x 830 x 1,125mm (length x width x height).
Seat height:	640mm
Handlebar:	Black Renthal fatbar with protector.
Engine protector:	7075 Aluminum including gripper teeth.
Grips:	Renthal "full diamond" (medium).
Foot rest:	Adjustable in aluminium.

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