



RMD MOTORS JAPAN & CALIFORNIA - PH. 81-29-847-9933

Harc Pro HP250RF Specs

Frame	Harc Pro original
Swing arm	Harc Pro original
Front fork	Honda RS125R
Engine	Honda CRF250R
Exhaust system	Harc Pro original
Rear suspension	Honda RS125R
Wheel	Honda RS125R
Brakes	Honda RS125R
Seat rail	Harc Pro original
Step kit	Harc Pro original NX4
Cowl & seat	Harc Pro original NX4
Radiator	Honda RS125R Modified
Meter panel assembly	Honda RS125R
Carburetor	Keihin FCR 40
Specifications	
Model	Harc Pro HP250RF
Length	1850 mm
Width	570 mm
Height	980 mm
Wheelbase	1265 mm
Engine model	ME10E
Displacement	249.4 cc
Riding capacity	1
Tires	
Front	90/580/R17
Rear	120/585/R17
Ground clearance	110 mm

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Engine

Starter type	Kick starter
Type	Water-cooled 4-cycle
Cylinder arrangement	Single, inclined 10° degrees from vertical
Combustion camber	Pent roof
Valve train	Chain driven OHC
Bore & stroke	78.0° mm x 52.2mm
Compression ratio	13:1
Lubrication type	Forced pressure & wet sump
Lubricant oil capacity	(Engine) 0.85L (Transmission) 0.75L
Coolant capacity	1.2L

Fuel system

Fuel tank capacity	11L
Carburetion	

Model FCR12B

Throttle valve	19.0° x 60.0 mm
Venturi diameter	40mm (@maximum lift)
Throttle bore	43mm

Electric system

Ignition system	
Type	CDI

Spark plug (NGK)	R0409B-8
Spark plug gap	0.6-0.7mm

Drive train

Clutch type	Multi-plate wet
Control	Left hand control
Primary reduction ratio	3.166



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**Transmission
Type**

Constant mesh

Gear ratio

2.143 1.750 1.450 1.227 1.042

Final

Primary

Type
Reduction ratio

Chain
2.25(36/16)

Axle & Tire

Caster angle
Trail length

23.3° degrees
84.1 mm

Tire pressure

Front
Rear

176.5kPa (1.8kgf/cm²)
176.5kPa (1.8kgf/cm²)

Steering angle

Left-hand side
Right-hand side

15° degrees
15° degrees

Brakes

Front
Rear

Hydraulic single-disc
Hydraulic single-disc

Suspension

Front type

Inverted telescopic

Rear type
Frame

Pro-Link
Twin-tube