

CR80R / CR80R2

Colouring Concept

The CR80R and CR80R2 may be the smallest members of the pack, but they deliver a range of big-league performance that gives younger riders an easy entry into the exciting world of motocross. Now featuring all-new frames and upgraded suspensions, the little CR80R and taller CR80R2 provide a more confident balance of racing

aggressiveness and riding stability to help younger riders grow to become future champions.

For '99, the CR80R and CR80R2 carry a stunning new Nuclear Red, black and silver colour scheme featuring modern high-tech graphics from American Honda's AMA Supercross machines that give all the CRs the look of winners both on the track and in the pits.

Colour

- Nuclear Red
(with Black and Silver)



New Features

Chassis

- All-new semi-double cradle frame features wider diameter tubing and new geometry for a 20% overall increase in rigidity and an improved balance of high-speed cornering control and stability.
- Main backbone tube increased from 34mm to 38.1mm
- Rectangular section downtubes increased from 32 x 28mm to 35 x 30mm
- Lower pipe (under engine) increased from 22.2mm to 25.4mm
- Stiffer pipe (reaching from backbone to lower steering head) increased from 22.2mm to 25.4mm
- Tubing thicknesses increased in key areas to achieve optimal balance of rigidity
- Gusseting also strengthened in key areas
- Rigid 37mm inverted cartridge-type fork features new internal surface honing process that realizes better oil retention for reduced friction and smoother action. Fork offers 24-step compression and stepless rebound damping adjustment, and 275mm of axle travel.
- Front fork now uses same oil as CR125R and 250R for improved operation.
- Delta-Link Pro-Link rear suspension features revised link ratio, smoother action and improved damping for best match to new frame construction and geometry, and same feel as CR125R & 250R.
- New seat construction provides softer, more comfortable ride with no change in urethane foam compound.
- New handlebar shape provides enhanced riding position for a wider range of riders.
- New colour scheme and graphics.

Specifications

Specifications	CR80R (ED-type)
Engine	Liquid-cooled 2-stroke single
Bore × Stroke	46 × 47.8mm
Displacement	79.4cm ³
Compression Ratio	8.4 : 1
Carburettor	28mm piston-valve type
Max. Power Output	26.9PS/12,500rpm (DIN) (19.8kW/12,500min ⁻¹)
Max. Torque	1.57kg-m/11,000rpm (DIN) (15.4Nm/11,000min ⁻¹)
Ignition	Capacitor Discharge (CDI)
Starter	Primary kick
Transmission	6-speed
Final Drive	Roller chain
Dimensions	(L×W×H) 1,787 × 772 × 1,120mm
Wheelbase	1,246mm
Seat Height	833mm
Ground Clearance	320mm
Fuel Capacity	5.8 litres
Wheels	Front /Rear Aluminium rim/wire spoke
Tyres	Front 70/100-17 40M Rear 90/100-14 49M
Suspension	Front 37mm inverted leading-axle telescopic fork with adjustable compression/rebound damping, 275mm axle travel Rear Pro-Link with adjustable compression/rebound damping, 275mm axle travel
Brakes	Front 220mm hydraulic disc with single-piston caliper and sintered metal pads Rear 190mm hydraulic disc with single-piston caliper and sintered metal pads
Dry Weight	65kg

All specifications are provisional and subject to change without notice.



Specifications**Specifications****CR80R2 (ED-type)**

Engine	Liquid-cooled 2-stroke single
Bore × Stroke	46 × 47.8mm
Displacement	79.4cm ³
Compression Ratio	8.4 : 1
Carburettor	28mm piston-valve type
Max. Power Output	26.9PS/12,500rpm (DIN) (19.8kW/12,500min ⁻¹)
Max. Torque	1.57kg-m/11,000rpm (DIN) (15.4Nm/11,000min ⁻¹)
Ignition	Capacitor Discharge (CDI)
Starter	Primary kick
Transmission	6-speed
Final Drive	Roller chain
Dimensions	(L×W×H) 1,905 × 772 × 1,177mm
Wheelbase	1,289mm
Seat Height	877mm
Ground Clearance	366mm
Fuel Capacity	5.8 litres
Wheels	Front /Rear Aluminium rim/wire spoke
Tyres	Front 70/100-19 42M Rear 90/100-16 52M
Suspension	Front 37mm inverted leading-axle telescopic fork with adjustable compression/rebound damping, 275mm axle travel Rear Pro-Link with adjustable compression/rebound damping, 275mm axle travel
Brakes	Front 220mm hydraulic disc with single-piston caliper and sintered metal pads Rear 190mm hydraulic disc with single-piston caliper and sintered metal pads
Dry Weight	67kg

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