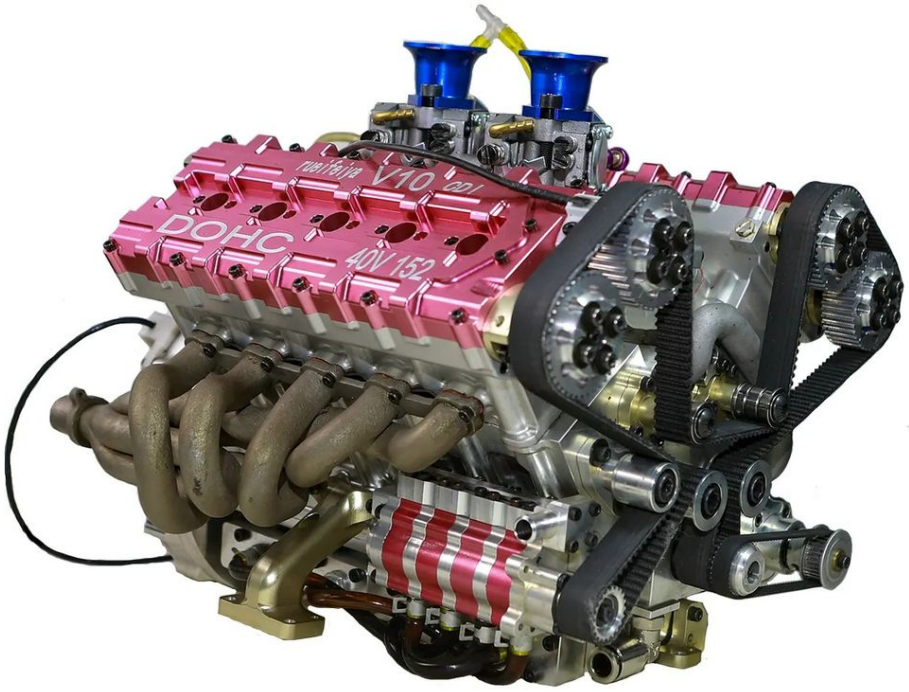
ENGINE & ACCESSORY · SKU AX-RFY-V10

RUIFEIYA V10-150 Working Model Engine

A running 1/4-scale V10 four-stroke engine: 150 cc, 40 valves, DOHC, 16 HP, electric start. A collector's centrepiece and an engineering lesson in one.



LAYOUT	DISPLACEMENT	OUTPUT	SCALE
V10 four-stroke	**150 cc**	**16 HP rated**	**1/4**

Ten cylinders. Forty valves. Nothing hidden. The **RUIFEIYA V10-150** is a **working 1/4-scale V10 four-stroke engine** with **150 cc** displacement, **DOHC heads with four valves per cylinder**, **dual carburettors** and a rated **16 HP**. It revs from **2,000 to 11,000 rpm**. It is built from more than **300 components** and supplied as a **finished, assembled engine** that starts at the press of a button.

It is a striking object at rest and an extraordinary one running. Collectors buy it as a display piece, schools and engineering programmes buy it as a teaching tool, and builders buy it to power large-scale cars and boats.

Collectors and enthusiasts. A running V10 on a stand in the office, showroom or garage is a conversation piece like no other. It also pairs naturally with our full-size ride-on cars, such as the GT-RS and the 964 Roadster, in a showroom display.

Key features

A real, running V10. This is a working engine with more than 300 components, not a static replica. It starts, revs and sounds like a V10.

Forty valves, DOHC. Four valves per cylinder and double overhead camshafts, built the way full-size performance engines are.

One-key electric start. Electric starting and an external water pump make it easy to fire up for demonstrations.

16 HP from 150 cc. Revs from 2,000 to 11,000 rpm, fed by dual carburettors on 92 RON unleaded.

Display-ready size. At 253 × 231 × 245 mm and 15 kg, it fits on a desk, a plinth or a showroom stand.

Project-capable. Suitable for compatible 1/4-scale cars, large 1/5-scale vehicles and model boats, confirmed per project.

Specifications

ENGINE	
Configuration	V10, four-stroke
Scale	1/4-scale working engine
Displacement	150 cc
Valvetrain	DOHC, 40 valves (4 per cylinder)
Bore × stroke	27 × 27 mm
Carburation	Dual carburettors
Rated output	16 HP
Operating range	2,000–11,000 rpm
SYSTEMS	
Starting	One-key electric start
Cooling	External centrifugal water pump
Lubrication	Dual oil pumps
Fuel	92 RON unleaded gasoline
Ignition	Confirmed in quotation
PHYSICAL	
Dimensions	253 × 231 × 245 mm
Weight	15 kg
Components	300+ parts
Supplied as	Finished, assembled engine
COMMERCIAL	
Included accessories	Confirmed in quotation
Lead time	Confirmed in quotation
Warranty	Confirmed in quotation
Shipping	Ships dry (no fuel or oil), in protective packing

Applications

Collector displays · Engineering education · 1/4-scale car builds · Large 1/5-scale vehicles · Model boats · Custom mechanical installs

Specifications may vary by production batch; your written quotation takes precedence.

Request a quote: https://gokarts.voltexmotionsupply.com/request-quote/?product=ruifeiya-v10-150-working-model-engine
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