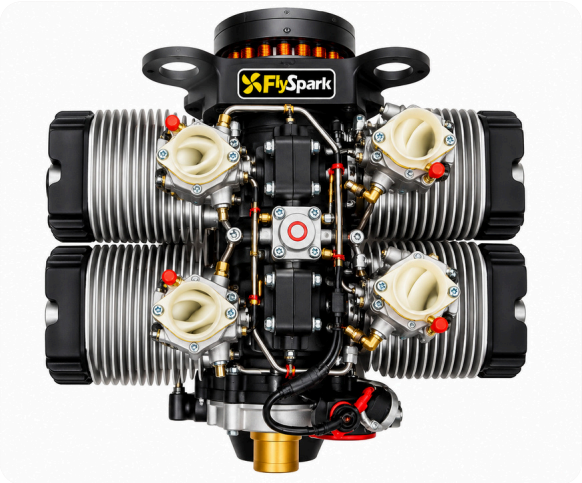
FLYSPARK HT550CC ENGINE

TECHNICAL DATASHEET

Model Type: 550CC



RATED PERFORMANCE

49.62 HP / 37 kW

STATIC THRUST @ 100 m

70 kg

ENGINE WEIGHT

18.3 kg

LISTED PRICE (INR)

₹ 13,03,175.00

Technical Specifications

POWER 49.62hp / 37kw	THRUST @ 100 m 70kg @ 100m altitude
THRUST @ 1800 m 61.8kg @ 1800m altitude	MAXIMUM TAKE-OFF WEIGHT 220kg
RECOMMENDED PROPELLER 32x20; 30x23; 30x25	BORE × STROKE 66mm × 40mm
DISPLACEMENT 550cc	WEIGHT 18.3kg
CRANKSHAFT Forged, 7-piece assembled	SPEED RANGE 1300-7500rpm
FUEL MIXING RATIO 50:1	IGNITION SYSTEM Solid-state magneto ignition
IGNITION SEQUENCE Opposed twin-cylinder synchronous ignition, 180° interval	CARBURETOR 4 pcs diaphragm-type all-position carburetors, no choke / fuel injection port
GENERATOR With generator	PISTON Oval grinding, aluminum alloy casting
CYLINDER BLOCK Aluminum alloy casting, inner wall with ceramic nickel-silicon hard coating	ENGINE CYCLE Two-stroke
CONFIGURATION Horizontally opposed, 4-cylinder	STARTER Equipped with starter
FUEL CONSUMPTION 14L/h (carburetor version)	OPTIONAL PARTS Exhaust adapter, starter, generator
DIMENSION (L × W × H) 430 × 340 × 400mm	MODEL HT550CC

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