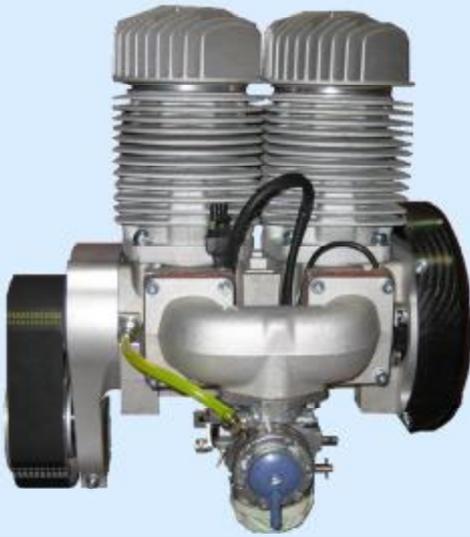


# Anhui Fiate Aviation Co., Ltd. Compact Radial Engines Inc.

## MZ201



The MZ201 is a free air cooled, reed valve controlled 2-cylinder-inline-2-stroke engine with one carburetors and Nikasil coated cylinders. It has one of the highest power to weight ratio available on the 45 HP engine market. The ignition system is fully electronic for maximum reliability and minimum maintenance. The powerful 180 Watt alternator provides ample power for all requirements. The MZ201 weighs a mere 31kg (69 lbs) including muffler and belt reduction. All models are supplied complete with electric starter or recoil starter, wiring harness and exhaust system. Ideally suited for Ultralights, hovercrafts, gyrocopters, light experimental aircrafts and all applications where weight is an issue.

### Technical Data (Subject to changes)

Type:	Two cylinder two stroke (inline)
Displacement:	626 cm <sup>3</sup> (38.2cu in)
Stroke:	69 mm (2.72 in)
Bore:	76 mm (2.99 in)
Max. performance:	33.1 kw (45HP) at 4700 rpm
Max. torque:	67 Nm (49.4 ft.lb) at 4700 rpm
Carburation:	1 Tillotson carburetors
Ignition System:	Dual ignition, CDI programmable
Generator power:	180W, 13.8 V
Cooling:	Free air cooling
Weight:	31 kg (69 lb)
Starting device:	Recoil starter
Running direction:	Counter-clockwise, view to output shaft
Fuel mixture:	Mixture 1:50, 2-stroke-oil, fuel min. 95 (RON)

### Options

- ☑ Gear box RZ2 with clutch  
(2.55:1, 2.88:1, 3.11:1, 3.66:1)
- ☑ Belt reduction  
(1.77:1, 2.08:1, 2.34:1)
- ☑ Electric starter

