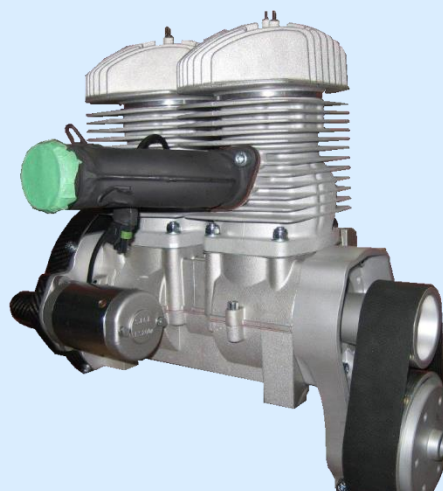
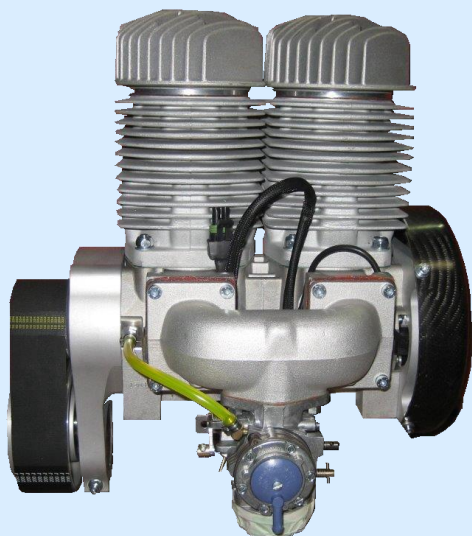


Anhui Fiate Aviation Co., Ltd. Compact Radial Engines Inc.

MZ201



The MZ201 is a free air cooled, reed valve controlled 2-cylinder-inline-2-stroke engine with one carburetor and two 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 ³ (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 carburetor |
| Ignition System: | Dual ignition, CDI programmable |
| Generator power: | 180W, 13.8 V |
| Cooling: | Free air cooling |
| Weight: | 31 kg (69 lbs) |
| 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

