

## Genius 180 3-blades helicopter detail features and specifications

### Features :

The tiniest 3Blades scale rotor head helicopter.

Scale cabin and tail included.

Easy conversion of 3-Blades rotor head to 2-Blades rotor head.

Fully equipped ball bearings (21 micro bearings).

Precision CNC titanium anodized aluminum swash plate, upper swash plate lock assembly, main rotor head and stop plate.

Mainframe and fiber stiffener plate result in a strong, rigid but lightweight frame.

Equipped with variable pitch control mechanism.

2-bearing tail pitch slider produces precision tail control.

Loaded with a 180-class brushed motor with enough power for acro flight.

ECCPM swash plate.

Only a short time needed for completion (95% factory assembled).

Belt driven tail rotor.

Extensive upgrade parts and option parts available.

### Specification:

Overall length: 305mm (including cabin & canopy).

Main rotor diameter: 340mm.

Tail rotor diameter: 100mm.

Motor: 180-class brushed motor ( KV4800 brushless motor for option).

Flying weight: 185g (It may vary according to size of a battery pack and R/C gears.).

Main rotor blades: wooden(included).

Flying duration :

6 ~ 8 minutes with 7.4v/550mah Li-Po battery.

10~12 minutes with 7.4v/800mah Li-Po battery.

### Items needed for assembly:

6 (or more) channel heli-capable transmitter (with CCPM function).

4 Micro servos (4g~6g servo is recommended).

6 (or more) channel micro receiver.

Micro gyro (heading hold gyro is recommended).

ESC (8A~10A).

Battery : Li-Po battery (7.4v~11.1v/550~800mah).

Charger: Li-Po battery charger.