

Heli-Max™

"High-quality, competitively priced R/C helicopters and accessories."



MX450[™]

XS

Almost-Ready-To-Fly Electric-Powered R/C Helicopter

Highly optioned — for EXTREME 3D performance.

For enormous 3-D potential from a micro electric model, any Heli-Max MX Series helicopter is a smart choice. The MX450 XS — the ultimate MX machine — has the precision and polish to reach performance *extremes*. Highly optioned, the MX450 XS challenges big, glow-powered helis for smoothness, stability... and the ability to accomplish seemingly impossible maneuvers.

- **90% preassembled**
- **Precise eCCPM control system**
- **Carbon-fiber tail boom and boom supports**
- **Rigid, lightweight aluminum frame**
- **Fiberglass main rotor blades**
- **Efficient, quiet, belt-driven tail rotor**
- **Full ball bearings**
- **All-metal rotor head**

HMXE0210 • Length: 25.4 in (645 mm) • Height: 9 in (225 mm)
Main Rotor: 27.5 in (700 mm) • Tail Rotor: 5.5 in (140 mm)
Flying Weight: 20.8 - 25.6 oz (587 - 657 g) • Gear Drive Ratio: 1:9.85:5
Requires: 6-channel heli radio w/4 micro servos, gyro, brushless motor & ESC,
Lithium-Polymer battery pack & charger



The MX450 XS heli's 120° eCCPM control system reduces slop by minimizing linkages, strengthens collective pitch control, and provides the smoothest, most precise response.



The all-metal main rotor head's control arms and mixing levers include ball bearings for smooth operation. A machined aluminum swashplate adds precision.



The all-aluminum tail gear case includes ball bearings on the drive shaft as well as the idler pulley for the smoothest operation. The belt drive system is strong, efficient, and quiet. A new pitch slider offers precise rudder control.

For the location of the dealer nearest you, visit www.helimax-rc.com or call 1-800-682-8948 and mention code number 99B34.

HELIMAX MX400/MX450 SERIES FEATURES

| FEATURES | MX400 | MX400 PRO | MX450 XS |
|-----------------------------------|-----------------------------|-----------------------------|--------------------------|
| Collective Pitch | Yes | Yes | Yes |
| Autorotation Capability | Yes | Yes | Yes |
| Mechanical 90 Degree CCPM * | Yes | Yes | No |
| Electronic 120 Degree CCPM * | No | No | Yes |
| Belt Driven Tail Rotor | Yes | Yes | Yes |
| Frame | Aluminum | Aluminum | Aluminum |
| Landing Gear Support | Plastic | Plastic | Plastic |
| Landing Gear Skid | Aluminum | Aluminum | Aluminum |
| Main Rotor Blades | Wood, 275mm | Wood, 275mm | Fiberglass, 315mm |
| Swashplate | Plastic, 90 Degree | Aluminum, 90 Degree | Aluminum, 120 Degree |
| Main Shaft | Steel | Steel | Steel |
| Main Shaft Mount | Plastic | Plastic | Aluminum |
| Rotor Head Assembly | Plastic | Plastic w/Alum Center Hub | Aluminum |
| Rotor Head Top Dome | None | Aluminum | Aluminum |
| Main Rotor Blade Grip | Plastic | Plastic | Aluminum |
| Flybar Paddles | Plastic | Plastic | Plastic |
| Seesaw | Plastic | Plastic | Aluminum |
| Mixing Arms and Base | Plastic | Plastic | Aluminum |
| Tail Drive Shaft Mount | Plastic | Plastic | Aluminum |
| Tail Boom | Aluminum, 325mm | Aluminum, 325mm | Carbon Fiber, 345mm |
| Tail Boom Mount | Plastic | Plastic | Aluminum |
| Tail Boom Supports | Carbon Fiber w/Plastic Ends | Carbon Fiber w/Plastic Ends | Carbon Fiber w/Alum Ends |
| Tail Stabilizer, Vertical | Plastic | Plastic | Carbon Fiber |
| Tail Stabilizer, Horizontal | Plastic | Plastic | Carbon Fiber |
| Tail Stabilizer Mount, Horizontal | Plastic | Aluminum | Aluminum |
| Tail Gear Case | Plastic | Aluminum | Aluminum |
| Tail Rotor Blade Grip | Plastic | Plastic | Aluminum |
| Tail Rotor Blades | Plastic | Plastic | Plastic |
| Tail Pitch Slider | Plastic, 1 Piece | Plastic, 1 piece | Plastic, 3 Piece |
| Linkage Set | Standard | Pro | Pro |
| Canopy | MX400 Style, Plastic | MX400 Style, Plastic | MX450 Style, Plastic |
| Motor | None | Brushless, 6 Pole | None |
| Electronic Speed Control (ESC) | None | Brushless, 25A | None |

* CCPM - Cyclic Collective Pitch Mixing



Heli-Max™



HMXM3004

Brushless ESC with Heatsink 40 A

ElectriFly™

By Great Planes®



GPMP5215

Ammo™ 28-45-2700kV Brushless Motor



Futaba®

6EXH 6-Channel Heli Radio

FUTK60** 6EXH
6-Channel FM Radio
FUTK61** 6EXH
6-Channel PCM Radio



GY240 Gyro
FUTM0809



S3107 Micro Servo
FUTM0025



GPMP0841

11.1V 2100mAh Lithium-Polymer Battery Pack