

SPECIFICATIONS

MAX SPEED

165 km/h

MAX RANGE

3.5 h

MAX ALTITUDE

10,000 ft



LANDING
DISTANCE

0 m

RATE
OF CLIMB

1,000 ft/min

POWER

135 hp

DYNALI H3 SPORT BB – 135HP

Standard configuration:

AIRFRAME & ROTOR TRANSMISSION

- ✓ Steel airframe welded under pressure with check valve and dashboard warning
- ✓ Carbon front canopy with perspex windows and windshield
- ✓ Aluminium blades
- ✓ Shock-absorbing carbon undercarriage with wheels for ground handling
- ✓ Stainless steel exhaust
- ✓ High performance gearboxes
- ✓ Over-dimensioned main & tail rotor transmission
- ✓ Temperature monitoring control on the transmission bearings
- ✓ Carbon tail stabilizer

ENGINE

- ✓ Dynali Motors 912 ULS-I-BB with injection system & big bore cylinders 1600cc
- ✓ Dynali ECU injection system control
- ✓ Integrated governor (automatic RPM control)
- ✓ SMART Automatic clutch
- ✓ Dual fuel pumps
- ✓ Throttle with electronic butterfly control
- ✓ Adapted and balanced crankshaft
- ✓ Electronic idle control
- ✓ RPM limiter
- ✓ Simplified engine management
- ✓ Optimised power curve (linear)
- ✓ Air and cooling system
- ✓ Double cooled two stage oil radiator

AVIONICS

- ✓ Fully redundant sensors and batteries
- ✓ Second generator 500W & 2nd battery (+regulator as backup and for accessories)
- ✓ EFIS DISCOVERY 7" with customized and configurable display and audio warnings
- ✓ Integrated GPS
- ✓ Double electrical circuit 250W and 500W
- ✓ PDM (Power Distribution Module)
- ✓ Fail safe system
- ✓ Alarms and warning lights

CABIN

- ✓ Dual carbon seats
- ✓ Dual collective and cyclic controls with ergonomic hand grips
- ✓ 4-point safety belts
- ✓ USB double connector outlet
- ✓ Ergonomic instrument panel with glass cockpit EFIS
- ✓ All round open visibility
- ✓ Luggage compartments underneath the seats

Delivered fully assembled, fully tested on the bench (5 hours), on the ground and in flight (5 hours).

All helicopters are delivered with double controls.

Factory delivery time: 6 months

| STANDARD MODEL H3 SPORT 135HP: | | 179.950,- excl. VAT |
|---|---------|----------------------------|
| Avionics (Radio / Transponder) | | |
| TRIG TY91 VHF RADIO 8.33/25 KHZ + VHF Antenna INTERCOM PLUGS: <input type="checkbox"/> LEMO <input type="checkbox"/> DUAL PTT ON BOTH SIDES: <input type="checkbox"/> YES <input type="checkbox"/> NO Installation and wiring included | + 1,2kg | € 2 774,00 |
| Extra wiring and installation cost if ordered after start of production | + 0,3kg | € 499,00 |
| TRIG TT21 MODE S Transponder Installation and wiring included | + 1kg | € 3 106,00 |
| Extra wiring and installation cost if ordered after start of production | + 0kg | € 499,00 |
| Comfort | | |
| Leather seats | + 0.5kg | € 1 845,00 |
| Cabin heating | + 1kg | € 499,00 |
| Wiring battery chargers + 2 chargers 2Ah | + 0kg | € 619,00 |
| Electrical fuel filling pump | + 1kg | € 619,00 |
| Electrical trim (2 axis) | + 1kg | € 2 015,00 |
| Sliding window vents (2x) | + 0.3kg | € 619,00 |
| Electrical fuel filling pump | + 1kg | € 563,00 |
| Fuel tank (80 liters) | + 3kg | € 1 137,00 |

| | | |
|--|---------|-----------------------|
| Anti-collision + navigation lights | + 0,3kg | € 594,00 |
| Rear strobe light | + 0,1kg | € 530,00 |
| Landing light LED 2,5 x 2 | + 0,3kg | € 450,00 |
| Instruction / School / Sight Seeing options | | |
| Wheel attachment system for inflight transport | +0,15kg | € 285,00 |
| Removable collective handle at passenger side | +0kg | € 280,00 |
| Removable foot pedals and protection cover at passenger side | +0kg | € 280,00 |
| Radio and transponder support on the left side of the pilot | +0.15kg | € 860,00 |
| Sport finishing look - Painting & Colors | | |
| All our standard helicopters are painted in standard RAL colour grey Dynali can finish your H3 Sport in any other standard RAL colour, Metallic paint, Pearly colour, three or four layer colour. | | |
| Standard RAL colour – One layer – (red/blue/white/grey/green/yellow/black) | | Included in the price |
| Metallic paint (Silver grey) – any other colour on request | + 1.5kg | € 1 750,00 |
| Pearly colour (Any RAL colour) | + 1.5kg | On request |
| 3 – layer / 4 – layer colour | + 3.0kg | On request |
| 2 color cabin | + 3.2kg | On request |
| Basic lettering (Vinyl) : Type – Model / Immatriculation | + 0kg | € 165,00 |

The H3 Sport is a Belgian UL helicopter, fully assembled, ground & flight tested with the highest care. As a customer you can choose all the options offered.

If you want your own custom-build helicopter, based on our H3 technology, please contact our commercial service:

✉ info@dynali.com

☎ +32 67 55 29 98

NOTE

For any other equipment and/or non-standard installation requested from Dynali, labour is charged €98 / hour excl. VAT

