

## DYNALI H3 SPORT - 135HP

Standard configuration:

### AIRFRAME & ROTOR TRANSMISSION

- ✓ Steel airframe welded under pressure with check valve and dash warning
- ✓ Carbon front shell with perspex windshield, sides open
- ✓ 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
- ✓ Electronic throttle body
- ✓ Electronic idle control
- ✓ RPM limiter
- ✓ Simplified engine management
- ✓ Optimised power curve
- ✓ Adapted and balanced crankshaft
- ✓ Double cooled two stage oil radiator
- ✓ Cylinder head air cooling system

### AVIONICS

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

## CABIN

- ✓ 2 carbon seats
- ✓ Dual collective and cyclic controls with ergonomic hand grips
- ✓ 4-point safety belts
- ✓ Ergonomic instrument panel with glass cockpit
- ✓ All round visibility

Excluding options - Delivered fully assembled, tested in flight and ex-works

## 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

**H3 SPORT**

## STANDARD MODEL H3 SPORT:

**€ 179.950,- excl. VAT**

## H3 SPORT OPTIONS

Avionics (Radio / Transponder)		
TRIG TY91 VHF RADIO 8.33/25 KHZ + VHF Antenna (OPT - RAD) INTERCOM PLUGS: LEMO DUAL PTT ON BOTH SIDES: YES NO Installation and wiring included	+ 1,2kg	€ 2 774,00
Extra wiring and installation cost if ordered after commissioning	+ 0,3kg	€ 499,00
TRIG TT21 MODE S Transponder (OPT - TRSP) Installation and wiring included	+ 1kg	€ 3 106,00
Extra wiring and installation cost if ordered after commissioning	+ 0kg	€ 499,00
<small>Installation of a radio or transponder in the instrument panel after assembly and flight tests of the helicopter involves complete dis-assembly of the instrument panel. It is therefore considerably less expensive to decide on your options at the time of order of the helicopter.</small>		

Sport Comfort options		
Leather seats sport	+ 0.5kg	€ 1 845,00
Cabin heating	+ 1kg	€ 499,00
Wiring battery charger + 2 chargers 2Ah	+ 0kg	€ 619,00
Electrical trim (2 axes) (OPT - TRIM)	+ 1kg	€ 2 015,00
Sliding windows ventilators (2x) (OPT - WIND)	+ 0.3kg	€ 619,00
Electrical fuel filling pump (OPT - FPMP)	+ 1kg	€ 619,00
Big fuel tank (80 litres) (OPT - 80L)	+ 3kg	€ 1 137,00
Sport Safety options		
Anti-collision + navigation lights (OPT - LNAV)	+ 0,3kg	€ 594,00
Installation wiring lights (OPT - LINST)	+ 0kg	€ 440,00
Rear strobe light (OPT - LSTROB)	+ 0,1kg	€ 530,00
Landing light led 2,5W x 2 (OPT - LLAN)	+ 0,3kg	€ 450,00
Emergency floats (OPT - FLOAT)	+ 10.3kg	Upon Request
Safety Parachute(OPT - PARC)	+ 17kg	Upon Request
Instruction / School / Sight Seeing options		
Wheel attachment system for inflight transport (OPT - WATC)	+0,15kg	€ 285,00
Removable collective handle at passenger side (OPT - REMCOL)	+0kg	€280,00
Removable foot pedals and protection cover at passenger side (OPT - COVER)	+0kg	€280,00
Mounting sleeve radio and transponder left side of the pilot	+0.15kg	€ 860,00
Sport finishing look - Painting & Colors		
All our standard helicopters are painted in standard RAL color grey Dynali can finish your H3 Sport in any other standard RAL color, Metallic paint, Pearly color, three or four layer color.		
Standard RAL color (see RAL color list)		Included in the price
Metallic paint (Any RAL color) (OPT - METLP)	+ 1.5kg	€ 1 750,00
Pearly color (Any RAL color)	+ 1.5kg	Upon Request
3 – layer / 4 – layer color	+ 3.0kg	Upon Request
2 color cabin	+ 3.2kg	Upon Request
Basic lettering (Vinyl): Type - Model /Immatriculation (OPT - LETT)	+ 0 kg	€ 165,00

## AVIONICS CONFIGURATION

- UNITS FOR ALTIMETER: FEET / METERS → Configurable by the Dynali EFIS dashboard computer
- UNITS FOR AIRSPEED INDICATOR: KTS / KM/H → Configurable by Dynali EFIS dashboard computer
- DUAL CONTROLS INSTALLED: YES
- COMPASS:
  - Northern hemisphere
  - Southern hemisphere or configurable by Dynali EFIS

The H3 Sport is a Belgian UL helicopter, fully assembled, ground & flight tested with the greatest 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](mailto: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

