

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

DYNALI H3 SPORT BB – 135HP

Standard configuration:

AIRFRAME & ROTOR TRANSMISSION

- ✓ Stainless steel airframe welded under pressure with check valve and dash warning
- ✓ Carbon shell with perspex windshield and side panels
- ✓ 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 540W
- ✓ 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
- ✓ SLM LED alerts and warning lights
- ✓ Screen alarm display

CABIN

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

Delivered ex-works, fully assembled, fully tested on the bench (5 hours), on the ground and in flight (5 hours). All helicopters are delivered with double controls (left and right seat)

Factory delivery time: 6 months

STANDARD MODEL H3-135/500 SPORT BB:

€170.962,- excl. VAT

H3 SPORT BB OPTIONS

Avionics (Radio / Transponder)				
TRIG TY91 VHF RADIO 8.33/25 KHZ				
INTERCOM PLUGS:	LEMO	DUAL	+ 1,2kg	€ 1 562,00
PTT ON BOTH SIDES:	YES	NO		
Installation radio / wiring if option is ordered upon order			+ 0,3kg	€ 463,00
Installation radio / wiring if option is chosen upon order			+ 0,3kg	€ 992,00
VHF Antenna			+ 0kg	€ 222,00
TRIG TT21 MODE S Transponder			+ 1kg	€ 2 061,00
Installation / wiring if option is ordered upon order			+ 0kg	€ 434,00
Installation / wiring if option is ordered after helicopter is finished			+ 0kg	€ 971,00
Antenna transponder			+ 0,3kg	€ 114,00

Sport Comfort options		
Leather seats sport	+ 0,5kg	€ 1 678,00
Cabin heating	+ 1kg	€ 460,00
USB double connectors	+ 0kg	€ 75,00
Wiring battery chargers + 2 chargers 2Ah	+ 0kg	€ 573,00
Electrical trim (2 axis)	+ 1kg	€ 1 832,00
Sliding windows vents (2x)	+ 0,3kg	€ 563,00
Electrical fuel filling pump	+ 1kg	€ 563,00
Big fuel tank (80 liters)	+ 3kg	€ 1 034,00
Sport Safety options		
Anti-collision + navigation lights	+ 0,3kg	€ 540,00
Installation wiring	+ 0kg	€ 367,00
Rear strobe light	+ 0,1kg	€ 482,00
Landing light led 2,5W x 2	+ 0,3kg	€ 410,00
Emergency floats	+ 10,3kg	€ 4 023,00
Safety Parachute	+ 17kg	€ 5 747,00
Instruction / School / Sight Seeing options		
Wheel attachment system for inflight transport	+0,15kg	€ 260,00
Removable collective handle at passenger side	+0kg	€ 261,00
Protection cover for removed foot pedals at passenger side	+0kg	€ 261,00
Mounting sleeve radio and transponder left side of the pilot <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>	+0,15kg	€ 783,00
Sport finishing look - Painting & Colors		
<small>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.</small>		
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	€ 1 515,00
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	€ 156,00

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 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 \$102 / hour excl. VAT

