



iADYS

Meet the Jellyfishbot LITE in partnership with



STORYTELLING



Our partnership

Since **2022** **IADYS and HARBO Inc. have been working together:** the Jellyfishbot robot is proving to be an excellent platform for deploying the Harbo booms.

End **2025** **Both companies are happy to announce a new milestone in their partnership—combining** IADYS's expertise in robotics and IA with HARBO's leadership in rapid-response spill containment.

THIS COLLABORATION WILL OPEN NEW HORIZONS FOR:



Oil and chemical spill response



Flood management



Water pollution control

MEET THE JELLYFISHBOT LITE

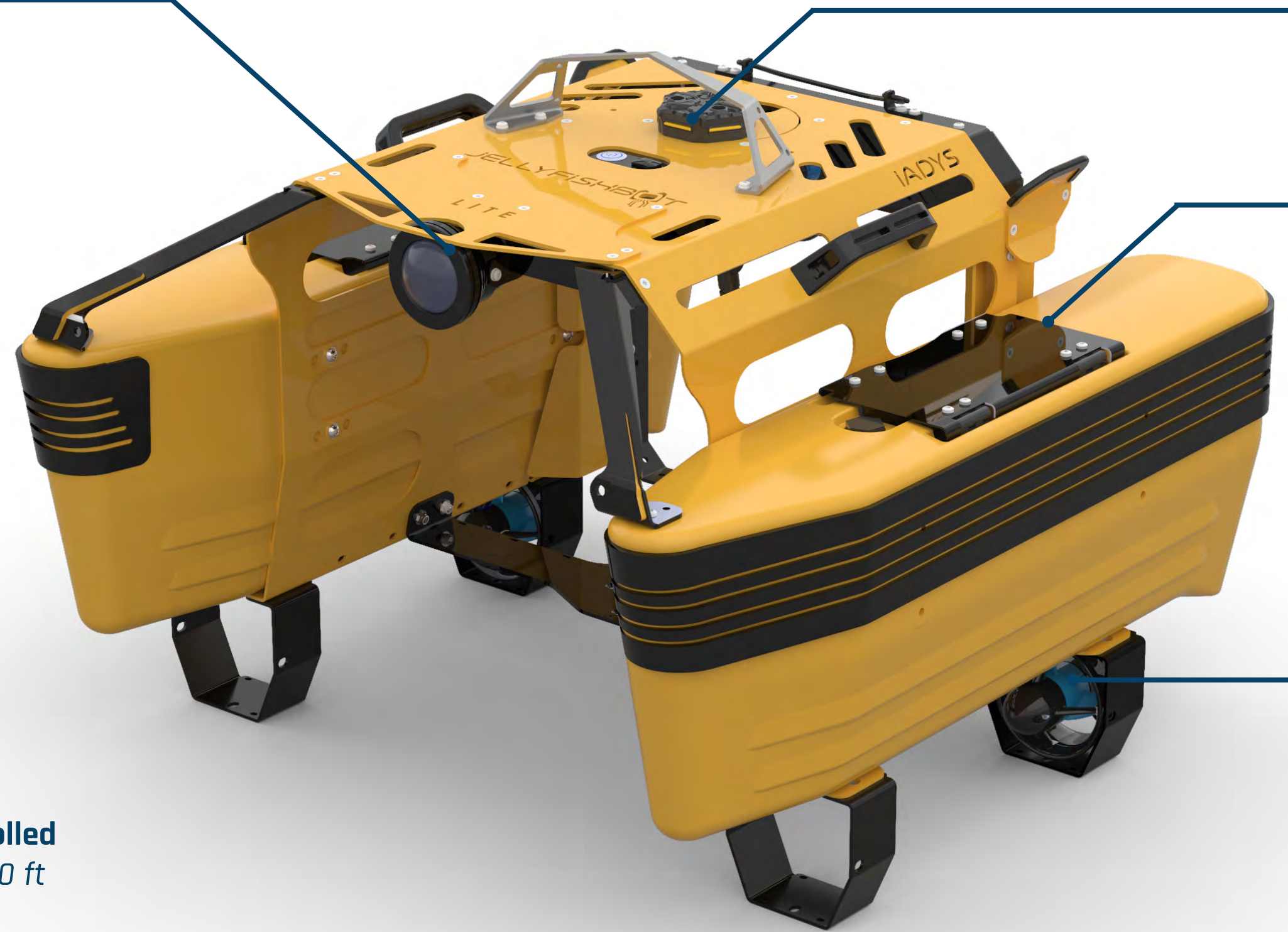
LED projector
10 W - IP67
30 m - 100 ft

Safety signals
Beacon

Interchangeable & waterproof batteries
Recharging time of 3 h 30
Autonomy from 2 to 8 h

Electric propulsion
2 thrusters: forward, backward, sideways movement
Speed
1 knot (optimal), 2 knots (max)

Remotely controlled
up to 300m - 980 ft



HARBO T6 UHD BOOM

WHAT FOR?



The Jellyfishbot Lite is design to tow **HARBO's ultra-light booms**

UP TO 8 SEGMENTS OF 15 M / 50 FT EACH

A COMPACT AND HIGHLY CAPABLE SOLUTION FOR:



Rapid deployment



Efficient water surface protection

USER CASES



RAPID SPILL CONTAINMENT

- Deploy boom in minutes with a single operator
- Jellyfishbot tows, positions, and closes the perimeter fast
- Immediate isolation of fuel/oil leaks before drift
- Ideal for marinas, ports, harbors, and confined basins
- Shrinks impacted area -lowers cleanup cost



WORKSITE & INDUSTRIAL COMPLIANCE

- Quick perimeter setup for dredging, repairs, or waterfront works
- Contains turbidity, floating debris, and accidental releases
- Safer operations in restricted or hazardous waters
- Light boom = easy transport, storage, and local handling
- Reduces manpower and eliminates boat dependency



PREVENTIVE ENVIRONMENTAL PROTECTION

- Pre-position booms around sensitive shorelines and habitats
- On-demand deployment / adjustment / retrieval by the Jellyfishbot
- Temporary, modular protection for high-risk periods
- Supports ESG commitments & regulatory prevention plans
- Keeps waterways clean

PRESENTATION OF THE PACKS



Lite Base Pack

1 Jellyfishbot Lite + remote control

4 HARBO Booms (15 m / 50 ft each)

Lite Extended Pack

1 Jellyfishbot Lite + remote control

8 HARBO Booms (15 m / 50 ft each)

JELLYFISHBOT LITE DATASHEET



Dimensions	
Size	70 x 70 x 52 cm 2.3 x 2.3 x 1.7 ft
Emerging height	25 cm - 0.82 ft
Draught	23 cm - 0.75 ft
Weight	20 kg - 50 lbs
Packing	76 x 76 x 60 cm 2.49 x 2.49 x 1.97 ft 23 kg - 42 lb

Batteries	
Number of batteries	2 x Lithium-ion
Autonomy	2 to 8 h
Recharging time	- from 20 % to 80 %* 2 h - from 0 % to 100 %* 3 h 30
Voltage	14.4 V
Capacity	2 x 30 Ah
Lifetime**	500 to 800 cycles

*Of the batteries capacity
**Beyond, capacity gradually decreases over time

Characteristics	
Maximum speed	2 kn
Cruising speed	1 kn
Number of thrusters	2
Materials	Polyethylene Aluminium
LED projector	10 W - IP67 30 m - 100 ft - 180°

Remote control	
Control range	up to 300 m - 980 ft
Battery	2000 mAh, USB-C rechargeable
Autonomy	up to 15 h
Screen	1.3" OLED

HARBO INC. T6 UHD BOOM DATASHEET



BOOM DIMENSIONS

Length	15 m — 50 ft / 10 m — 33 ft
Weight	1081 gr/m — 11.63 oz/ft
Height	34 cm — 13.4 in
Freeboard	14 cm — 5.5 in
Draft/Skirt	20 cm — 7.9 in
Tension	1.5 tensile tons
Handles	Every 5 m — 16 ft
Connector	T6 ClickFast Aluminum

BUILT-IN ACCESSORIES

Tow Bridle	Handles
Ground Tarp	Rope
Contamination Liner	PPE — unavailable in Cartridges
Heavy-Duty Carabiner	More Accessories Available

PERFORMANCE

Resistant to 55+ chemicals
-55°C to 55°C — -67°F to 137°F Temperature Range
OHMSETT Test - No Losses
Fully Reusable

CARTRIDGE

Boom Length	15 m — 50 ft
Dimensions	60 x 40 x 70 cm — 2' x 1'4" x 2'3" ft
Weight	21.45 kg — 47.30 lbs
Packaging	Weatherproof Plastic Shell
Velcro Opening	No Tools Required

*Featured

SPILLTRAVELER

Boom Length	10 m — 33 ft
Dimensions	71 x 41 x 46 cm — 2'4" x 1'4" x 1'6" ft
Weight	16 kg — 36 lbs
Packaging	Weatherproof Bag
Zipper Opening	No Tools Required

*Not Featured

SPILLKIT PRO

Boom Length	15 m — 50 ft
Dimensions	107 x 61 x 61 cm — 3'6" x 2' x 2' ft
Weight	33 kg — 72 lbs
Packaging	Weatherproof Plastic Container
Clasp Opening	No Tools Required

*Not Featured



STOP SPILLS BEFORE THEY SPREAD.

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IADYS

Interactive Autonomous
DYNAMIC Systems

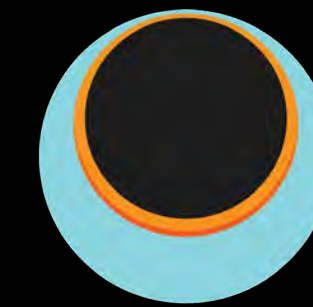
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