

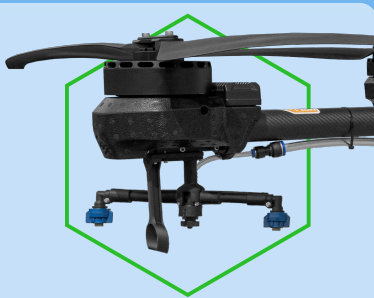


HYL-150 ARES

13/20 gal.
TANK CAPACITY

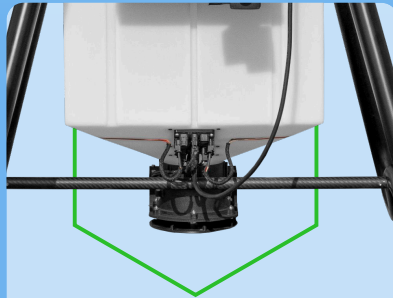
110 lbs.
PAYLOAD CAPACITY

UP TO
70 ac/hr
@ 2 GPA Rate



Hydraulic Nozzles

8 hydraulic nozzle tips, paired and rotor-mounted for high-precision liquid spraying with consistent output and superior drift control.



Granular Spreaders

Rotary disk application system for seeds, granular fertilizers, and dry products.



Rotary Atomizers

4 on-the-fly adjustable rotary atomizers (one per rotor) provide a variable droplet spectrum, from 35-micron (ultra-fine) to 500-micron (coarse).



AMERICAN-MADE DRONES

1008 Agnes Rd, Richmond, TX, 77469

www.hyl.io sales@hyl.io +1-832-219-6778



SPECS

Payload Weight (Liquid)	110 lbs. (50 kg.)
Payload Volume (Liquid)	13 gal. (50 L.)
Payload Weight (Solid)	110 lbs. (50 kg.)
Payload Volume (Solid)	20 gal. (76 L.)
Productivity	Liquid: Up to 70 ac/hr @ 2 GPA rate Solid: Up to 120 ac/hr @ 20 lbs./acre rate
Spray System	Configurable hydraulic nozzles OR rotary atomizers with 13 gal. (50 L.) tank; up to 40 ft. swath (12 m.)
Granular Spreader System	Rotary spreader device with 20 gal. (76L) tank; up to 40 ft. swath
Battery	1 x 18S30Ah LiPo Battery; 32 lbs. (14 kg.)
Ground Control Station	Hylío GroundLink Controller w/ AgroSol GCS
Regulatory Compliance	FY2019 NDAA Sec. 889 Compliant; FY2020 NDAA Section 848 Compliant, FY2023 NDAA Sec. 817 Compliant, FY2024 NDAA American Security Drone Act Compliant, FCC Part 15 Compliant
Obstacle Avoidance	4 x lateral facing & 1 x upward facing 62 Ghz radars + 1 x downward facing 24 GHz radar for a combined sphere of detection, avoidance, and altimetry
Camera	1 x HD (1080p) 60 FPS IP67 Camera for FPV and mapping mounted on controllable 3-axis Hylío Gimbal
Empty Weight	80 lbs. (36 kg.)
Max Takeoff Weight	220 lbs. (100 kg.)
Max Thrust	440 lbs. (200 kg.)
Propulsion	Quadcopter w/ 4 x 45 rpm/V brushless motors; 56 x 20" (142 x 51 cm.) folding propellers
Max Operating Speed	40 mph. (65 kph.)
Communication Operating Bands	2.4 Ghz, 4G LTE
Flight Modes	Fully Autonomous, position hold manual, fully manual GPS denied



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