

EFT

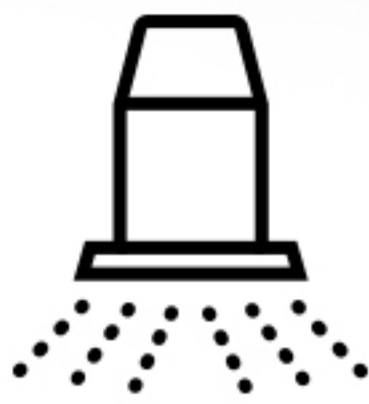
Z30P / Z50P

Newly Upgrade Easier Operation



Newly upgrade Z series agricultural drone system with **30KG and 50KG two load models.**

Upgrade new V2.0 control system, make the operation smoother and easier. High-flow impeller pumps and water-cooled centrifugal nozzles, spraying and spreading can be quickly switched.



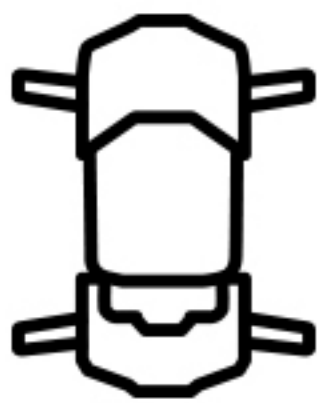
Spraying System

Fine Atomizing Spray
Adjustable Droplet Size
Precise & Efficient



Spreading System

360° Evenly Spread
Umbrella Metal Stirrer
Smooth & Durable



Truss Structure

Double Strength
Flexible Handling
Sturdy&Reliable



System 2.0

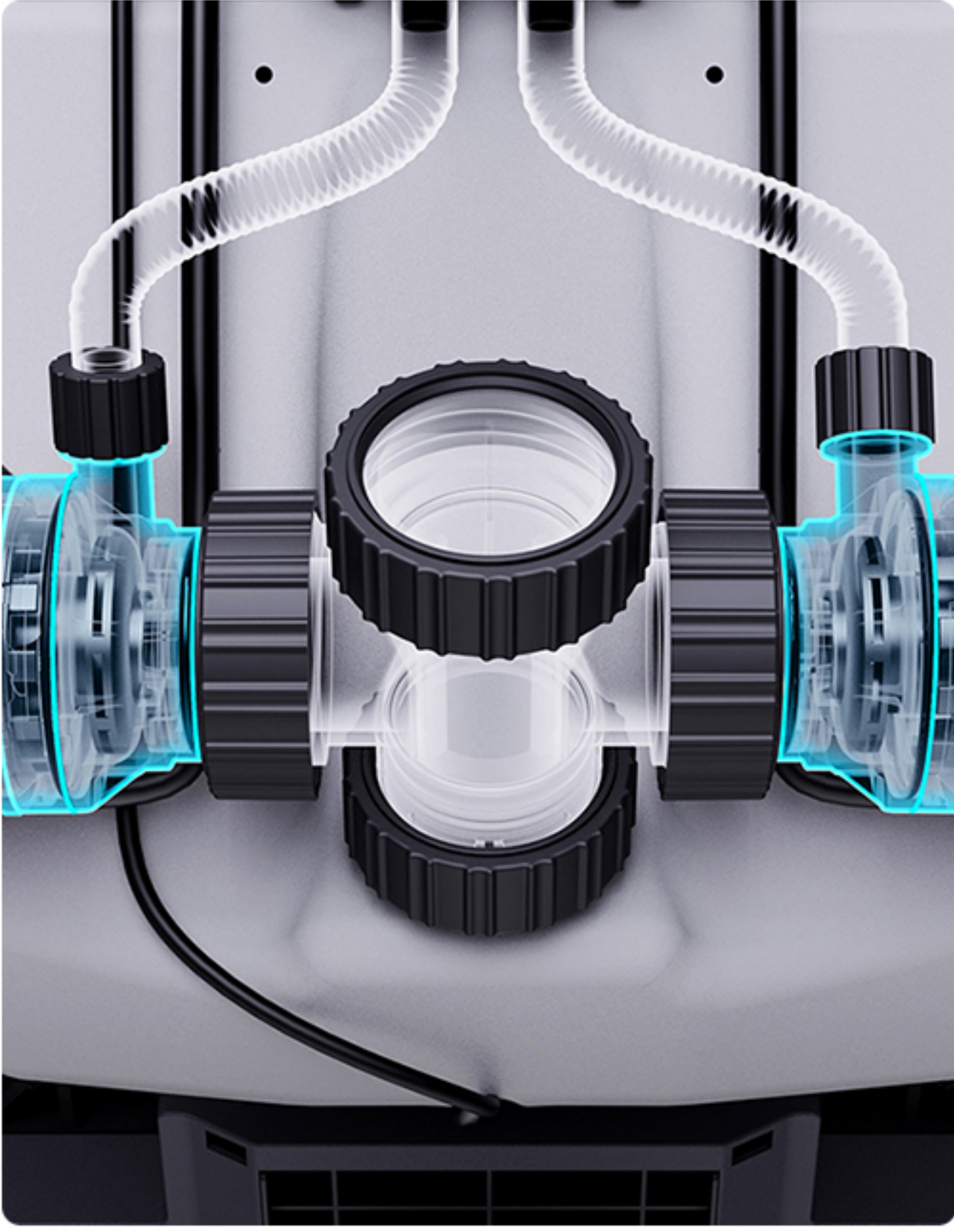
Newly Operating System
Enhanced Protection
Intelligent & Stable

All In One, Quick-Swap Design Meet Multiple Applications

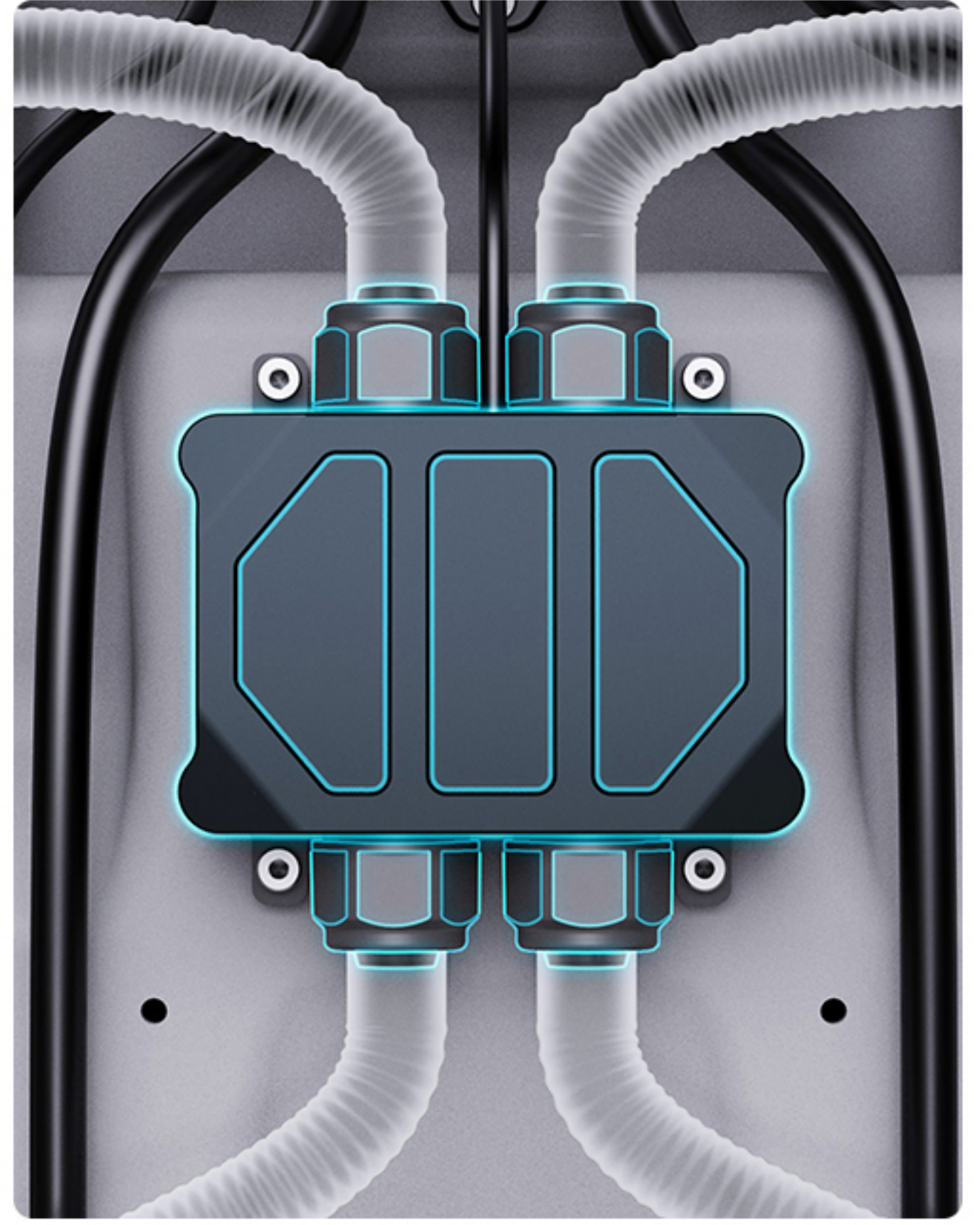
**Fine Atomizing Spray,
Precise And Efficient**

The atomized spraying system can be adjusted according to different crops, scientific spraying. Equipped with high-flow impeller pumps and water-cooled centrifugal nozzles, spray efficiently. Ultrasonic flow meter, sensor and liquid separation detection, stable and precise.





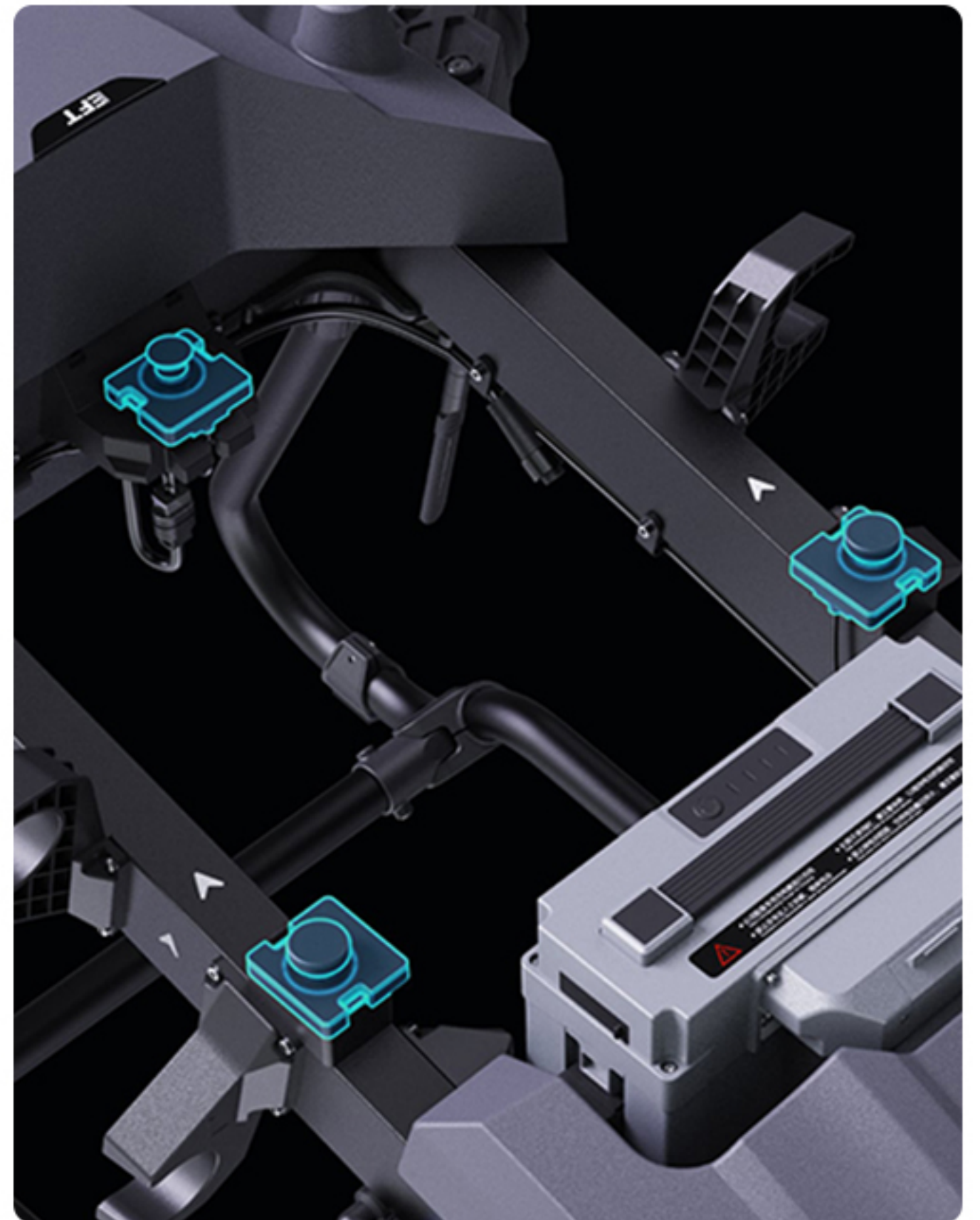
Large Flow Impeller Pump



Ultrasonic Flow Meter



Water-cooled
Centrifugal Nozzle



Precision
Weighing Module

Upgraded Spreading System, 360° Smooth Spreading

Integrated spreading kit can be quickly installed.

Automatic identification and debugging-free.

Equipped with upgraded spreader,
umbrella-shaped metal stirrer and stronger disc,
achieve 360° even and smooth spreading ,
save time and materials.



2.0 Control System

Enhanced Performance, Simpler Operation

Brand-new APP, simplified logic, easy to operate.
Operation Settings can be quickly set,
Real-time viewing the datas, and multiple
languages are available to ensure users can operate
smoothly and easily.



New Upgraded Motor System Stronger Power , Safer flying

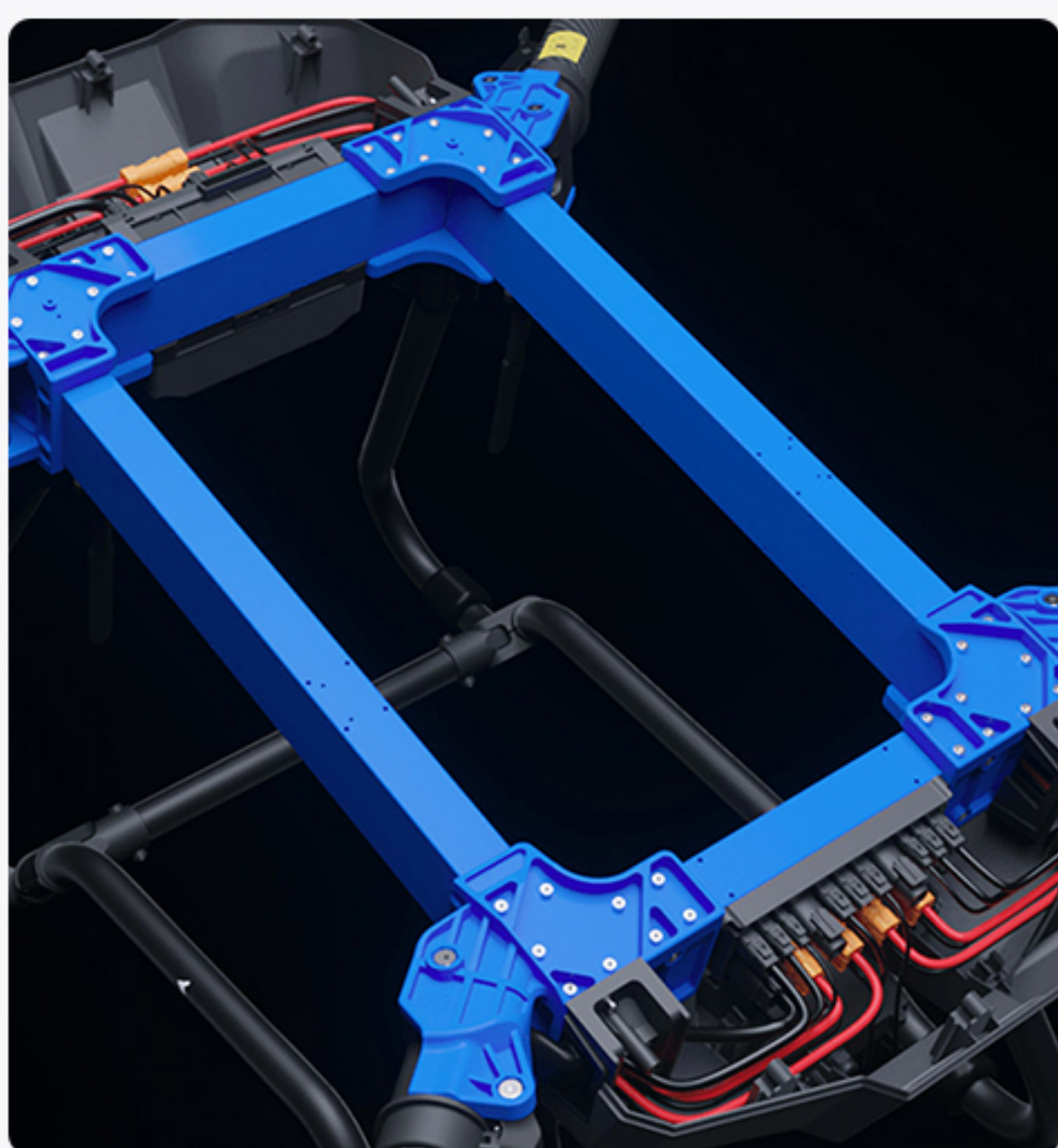
Upgraded 56-inch strong propellers, configuring CAN protocol, real-time data logging. More powerful ,and more stable flight with full load.



Deeply Optimized , Durable and Reliable

Optimized internal structure, stronger and more wear-resistant, IP67 effortless maintenance.

Upgraded the circuit board and algorithm, more durable and stable.



Truss Structure



Arm Sensor



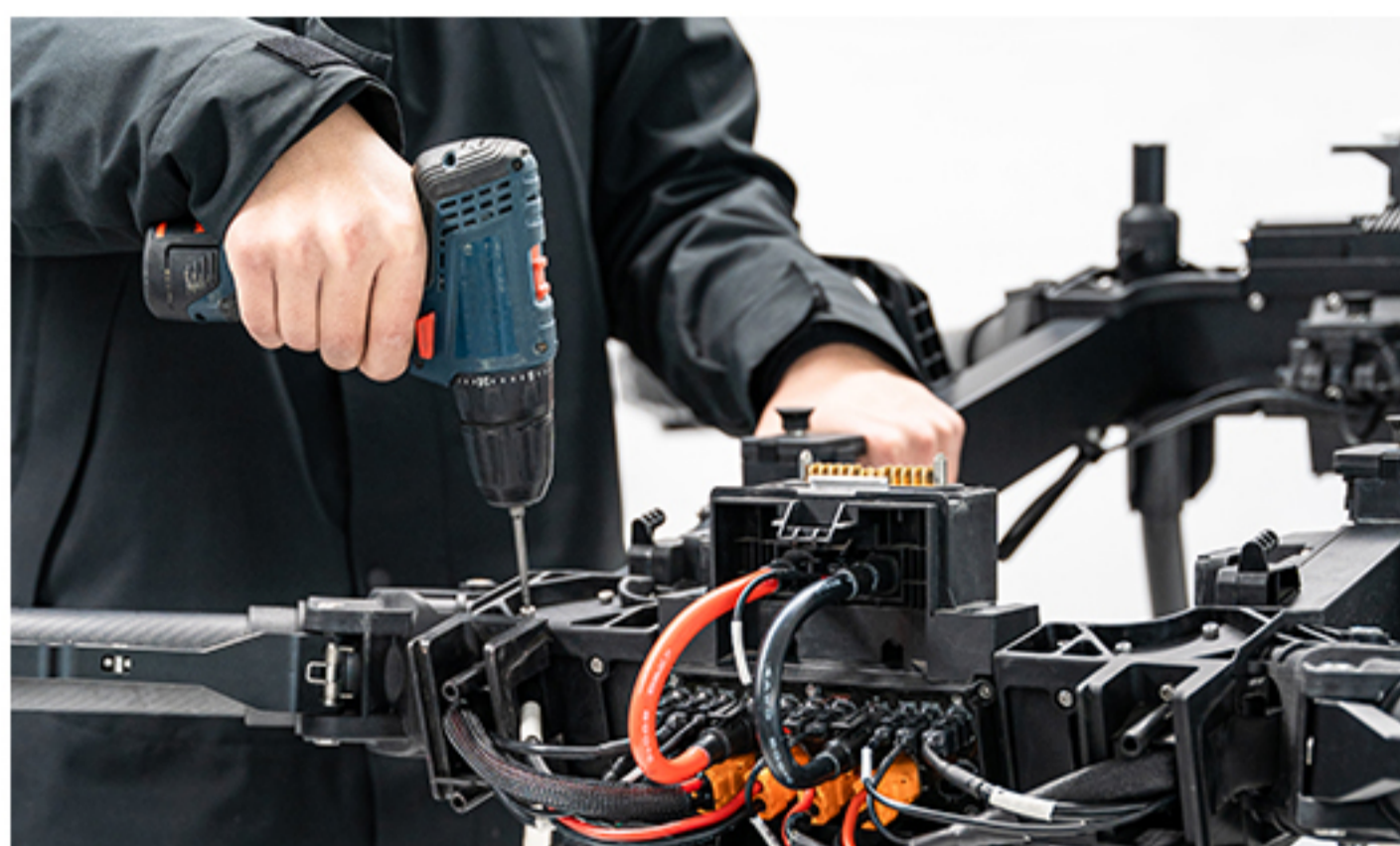
Circuit Board



Integrated FC Module

Professional Technical Training

One-to-one training
Empower localized manufacturing



Assembling

Detection



Troubleshooting



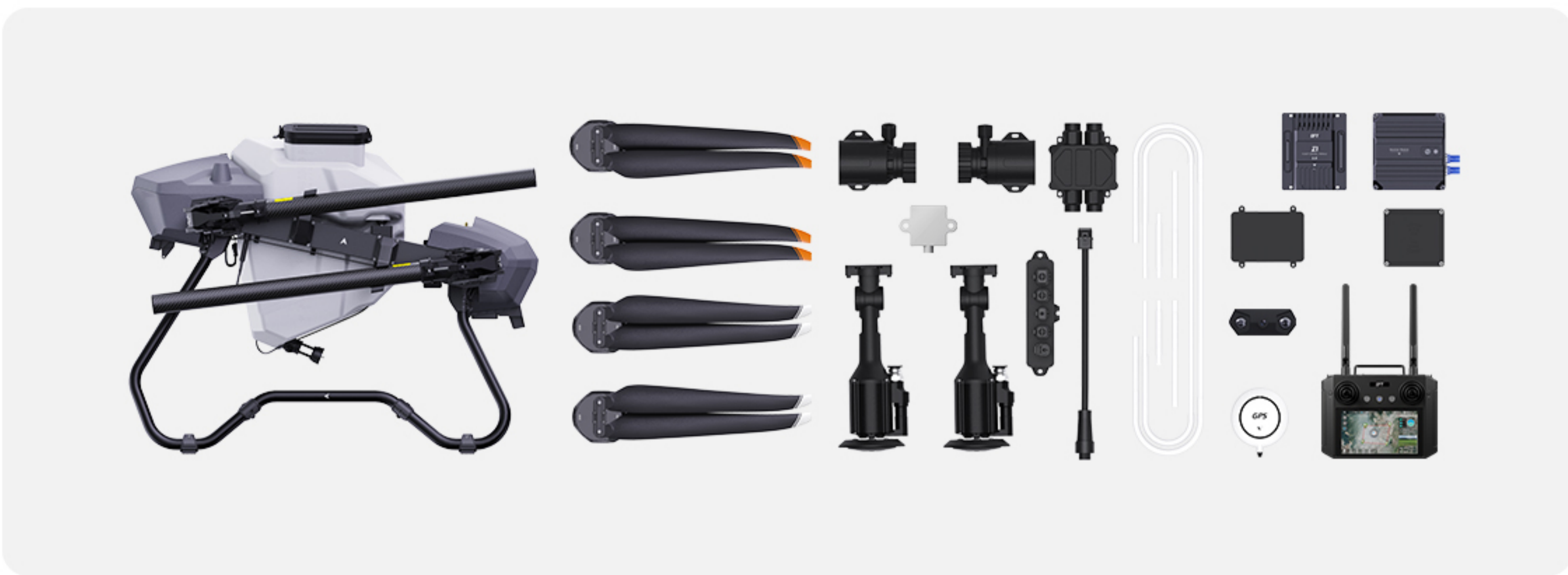
Maintenance



*For training fees, please contact official customer service or regional manager

Multiple Options, Flexible Delivery

Advanced Set



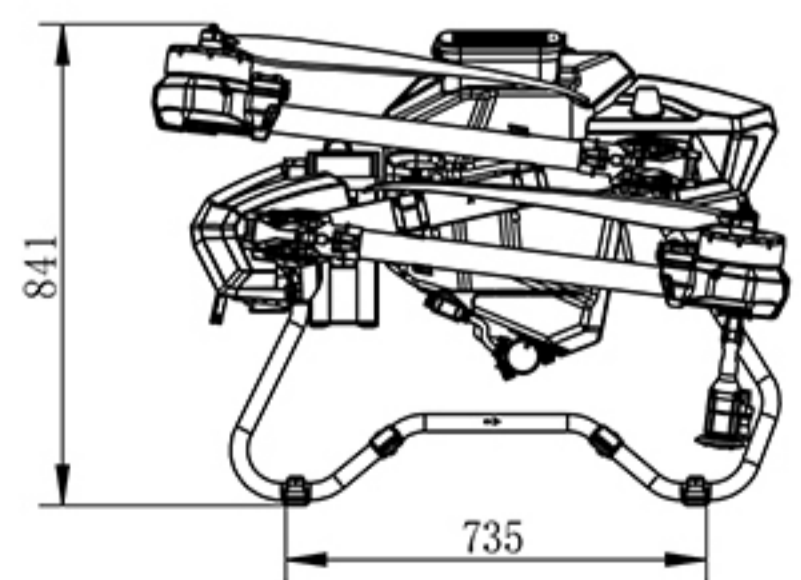
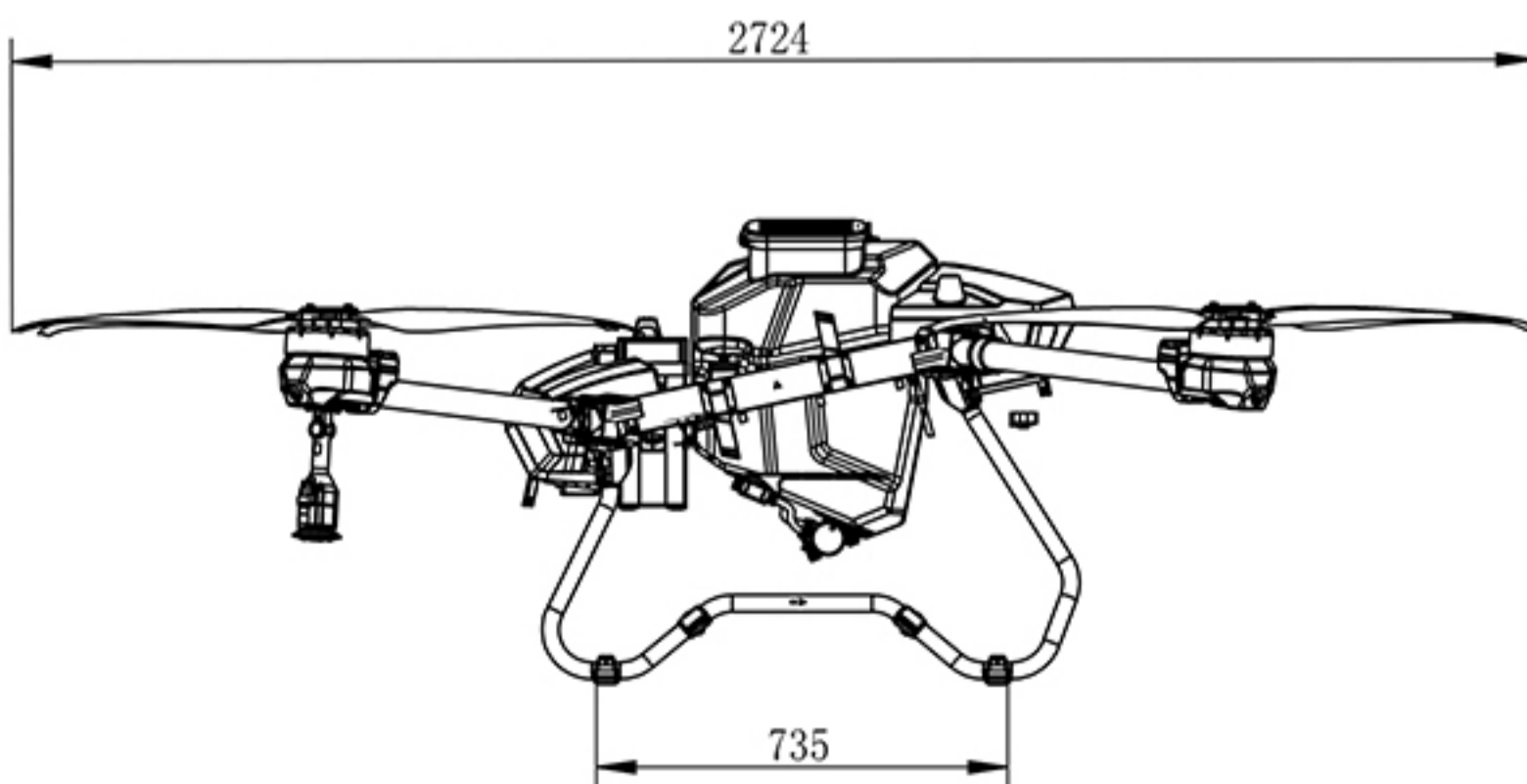
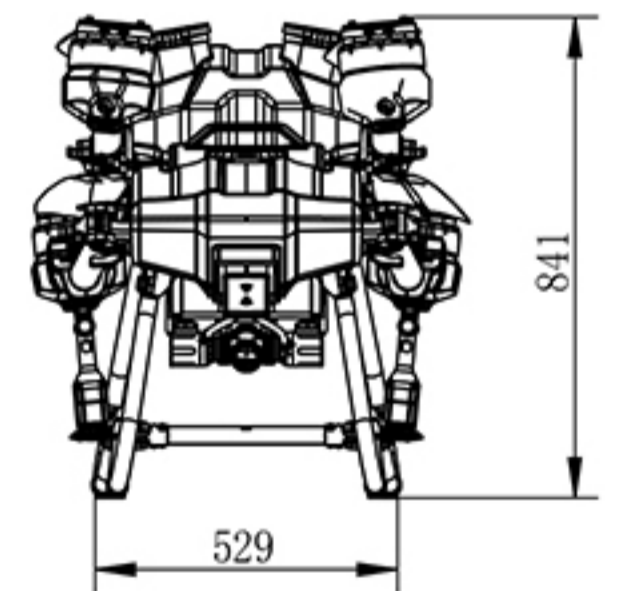
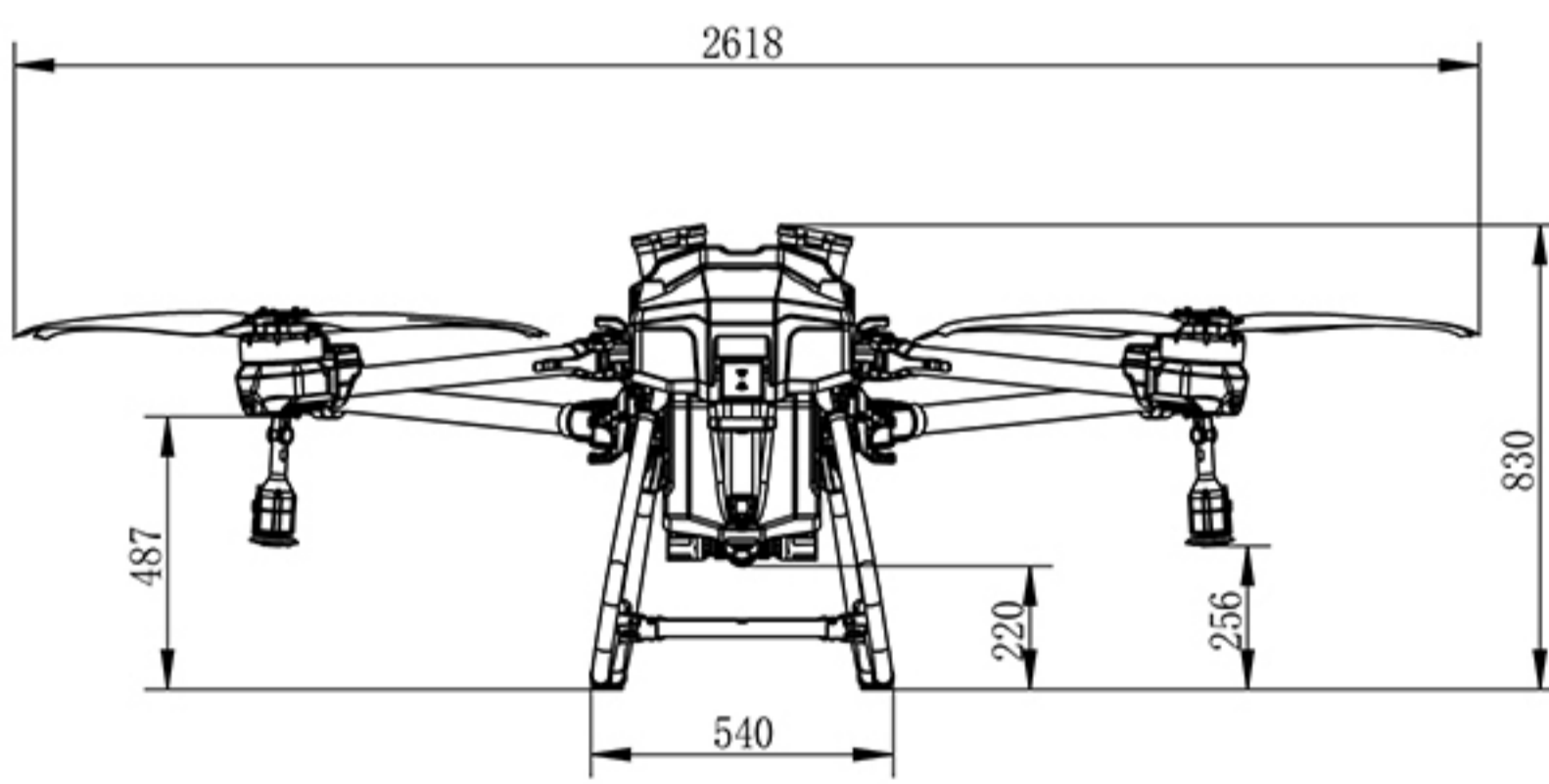
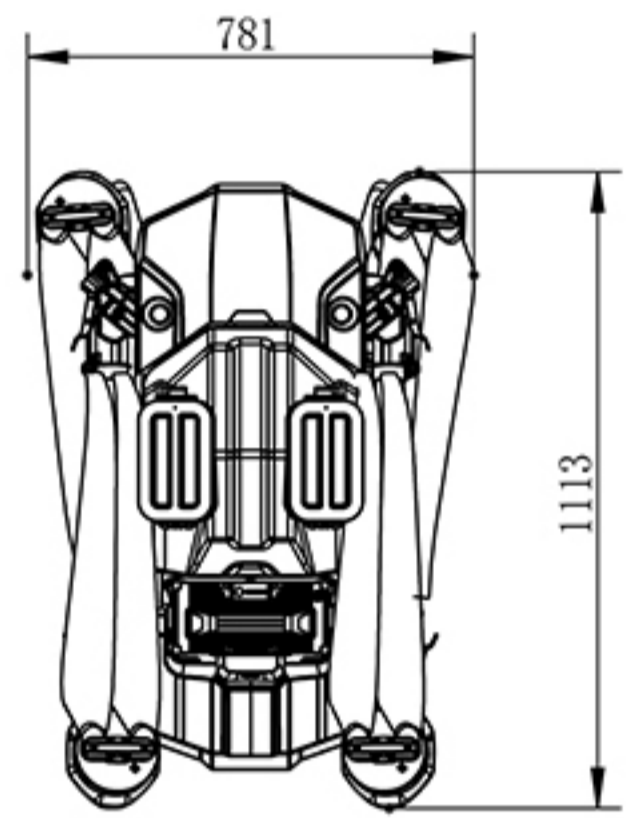
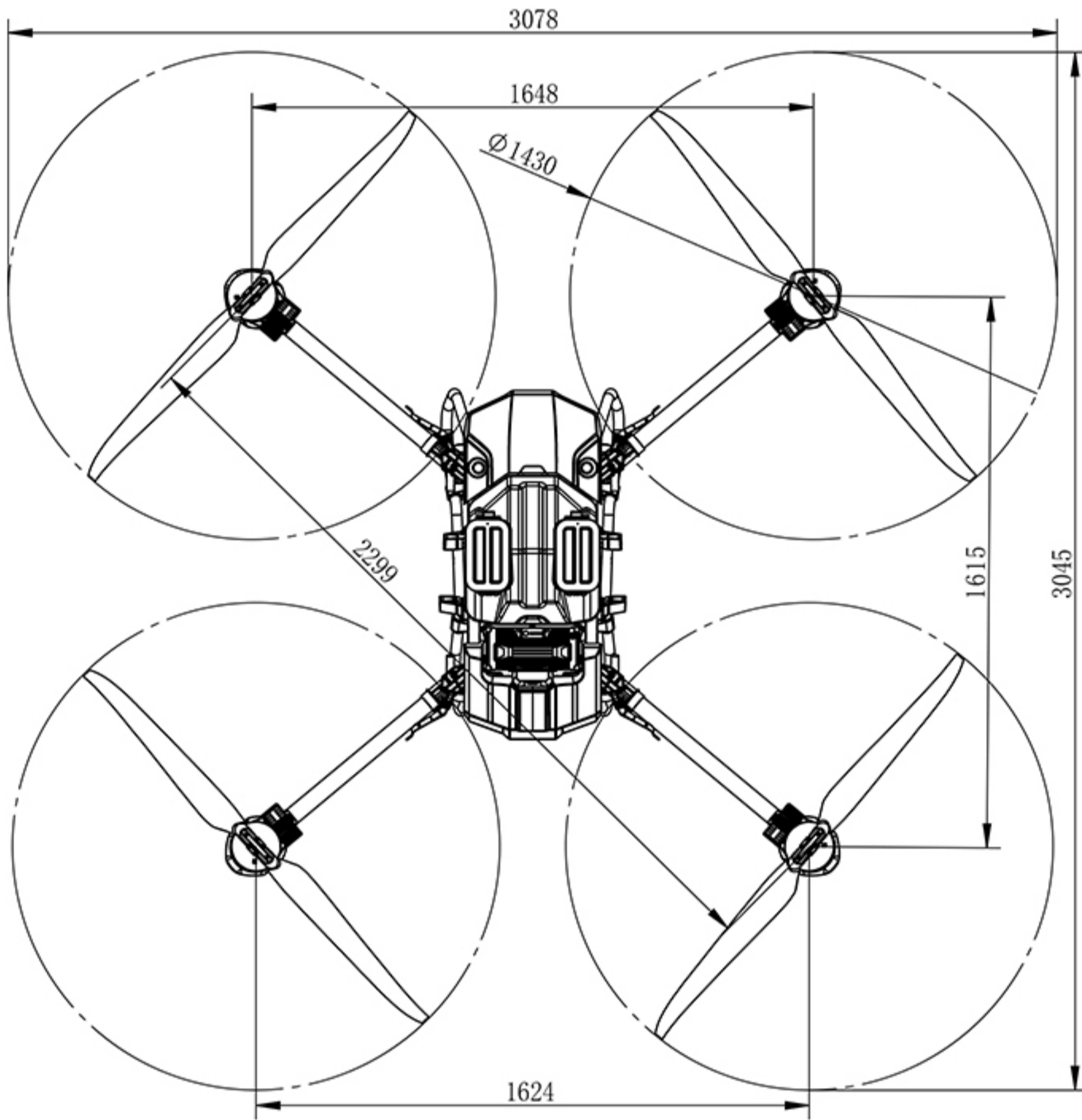
Standard Set



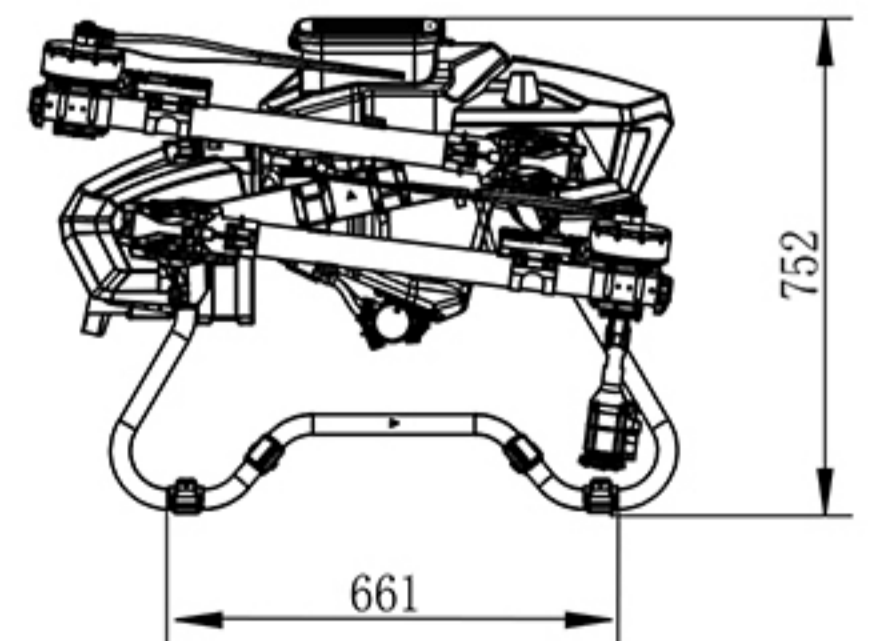
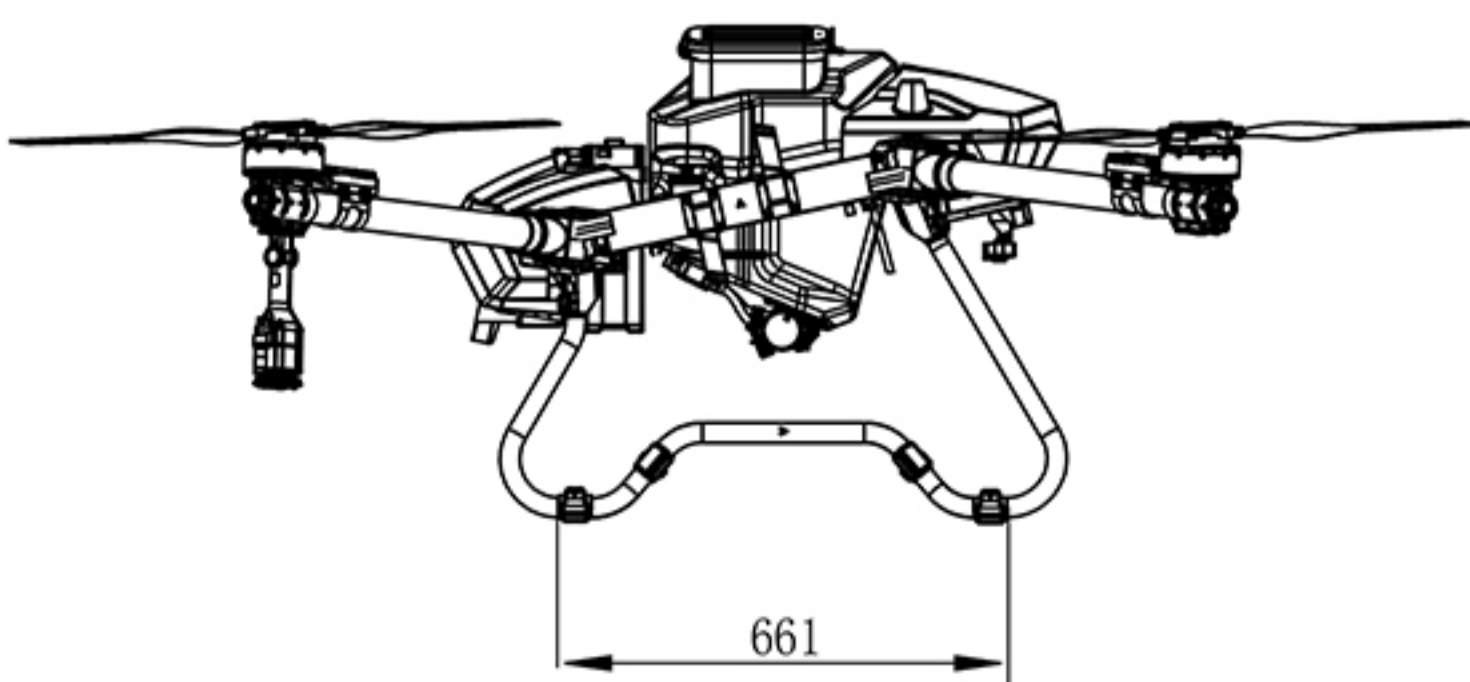
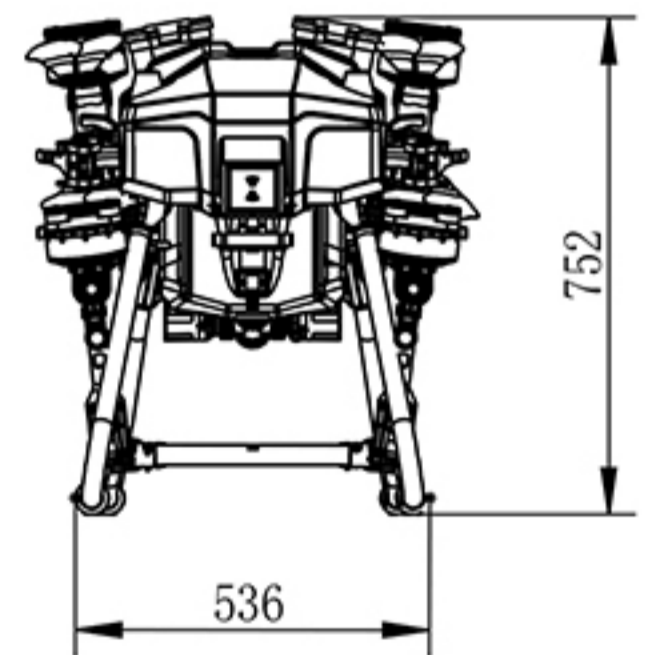
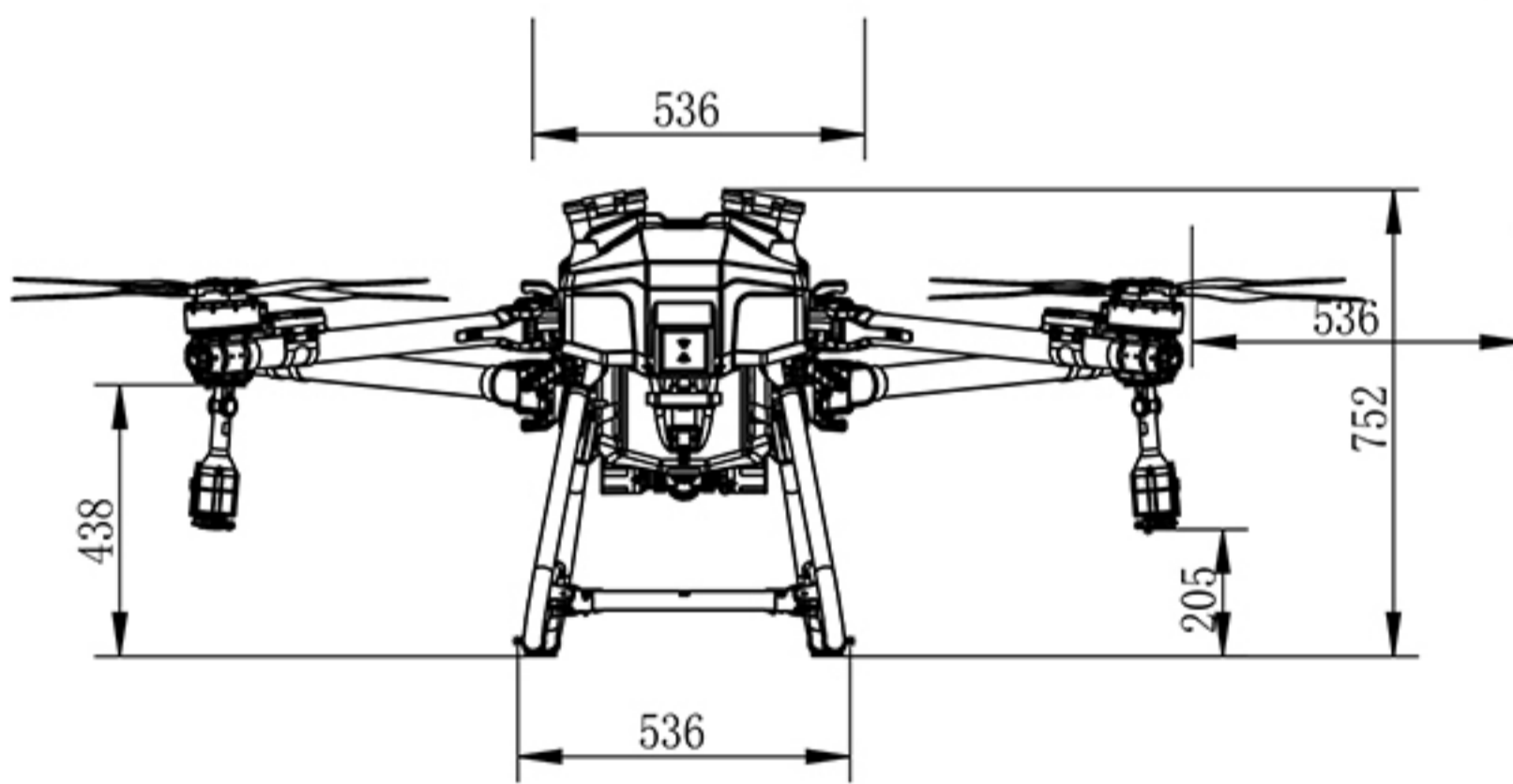
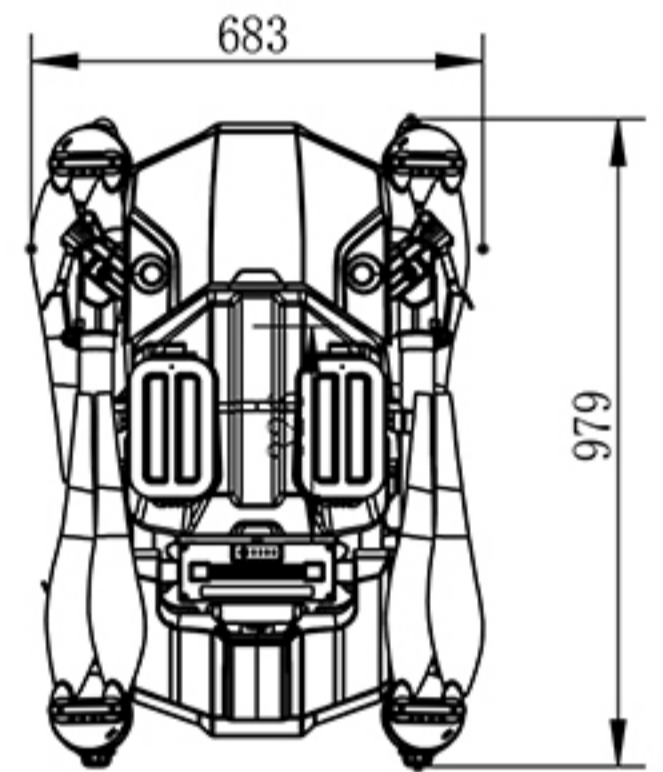
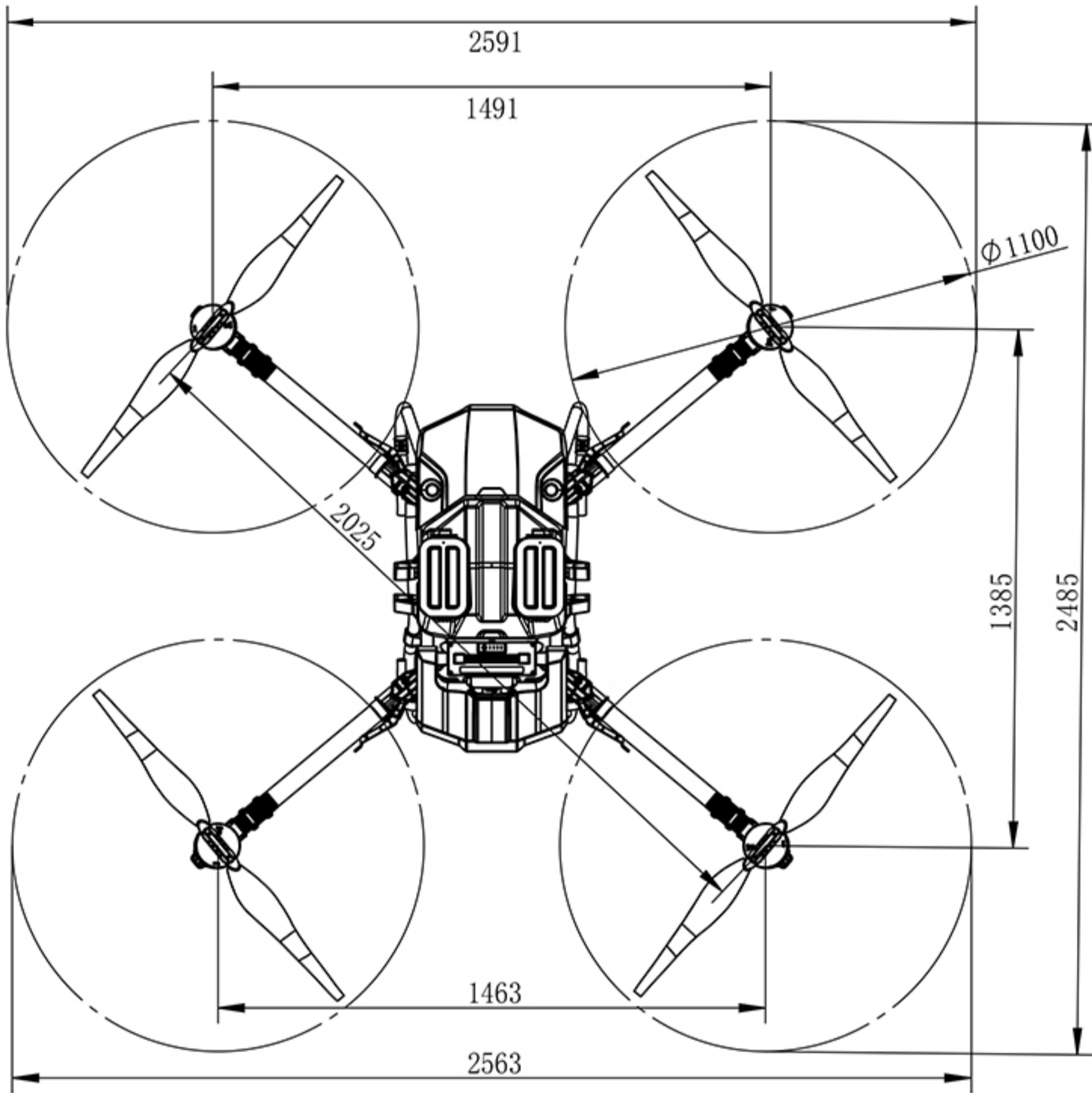
Three Sets Shipping in CKD Form

 <p>x3</p>	<p>SPARE PARTS</p> <p>x3</p>	 <p>x3</p>	 <p>x3</p>	 <p>x6</p>	 <p>x6</p>	 <p>x6</p>	
 <p>985x670x455mm 1CTN</p>		 <p>985x670x455mm 1CTN</p>					
 <p>x6</p>	 <p>x6</p>	 <p>x12</p>	 <p>x3</p>	 <p>x3</p>	 <p>x3</p>	 <p>x3</p>	 <p>x3</p>
 <p>766x438x274mm 1CTN</p>			 <p>485x345x345mm 1CTN</p>				
 <p>x4</p>	 <p>460x370x350mm 3CTN</p>		 <p>x2</p>	 <p>x1</p>	 <p>511x448x390mm 3CTN</p>		

Z50P SIZE



Z30P SIZE



PARAMETER

DRONE SYSTEM

Z30P

Z50P

Unloaded Spraying drone weight (without batteries)	30.4kg	36.7kg
Unloaded Spraying drone weight (with batteries)	41.6kg	51.4kg
Unloaded Spreading drone weight (without battery)	31.5kg	37.2kg
Unloaded Spreading drone weight (with battery)	42.7kg	51.9kg
Max Take-off weight	71.6kg	101.4kg
↑ (The weight parameters vary by ±1kg according to the final product configuration.)		

Wheelbase		2025mm	2299mm
Spraying drone	Expand size	2485*2591*752mm	3045*3078*830mm
	Folded size	979*683*752mm	1113*781*841mm
Spreading drone	Expand size	2485*2591*774mm	3045*3078*890mm
	Folded size	979*683*774mm	1113*781*890mm
No-load hovering time	14.8min (Test by14S 30000mah)	17.5min (Test by18S 30000mah)	
Full load hovering time	7.5min (Test by 14S 30000mah)	7min (Test by18S 30000mah)	
Working temperature	0-40°C		

SPRAYING SYSTEM

Spraying tank	30L	50L
Water Pump	Volt: 12-18S Power: 30W Max flow: 16L/min	
Nozzle	Vollt: 12-18S Power: 500W Atomized particle size: 50-500µm	
Spray width	4-8m	

SPREADING SYSTEM

Spreading tank	50L	70L
Max load	30kg	50kg
Applicable granule	0.5-6mm dry solids	
Spread width	8-12m	

MOTOR SYSTEM

Model	11118	13825
Volt	14S	18S
KV	85KV	45KV
Maximum power	7810W	10887W
Continuous power	2410W	29710W
Propeller size	43 inch	56 inch

FLIGHT CONTROL

Operating Voltage	12-80V
Working temperature	-10~60°C
RTK	Level±0.1m, Vertical ±0.1m
GPS	Level±1.5m, Vertical±0.5m
Wind resistance level	Sustained wind: level 4, Gust: level 5

REMOTE CONTROL

Resolution	1080*1920
Display screen	5.5inch
Working time	5h
Charging time	5h (20W)
Control distance	1km (3mHeight without shelter)
Weight	850g

RECOMMENDED BATTERY

Volt	14S	18S
Capacity	30000mah	30000mah
Weight	10kg	13.5kg