

# Agricultural Drone Seeder



- With a large capacity of 20 liters, it is possible to control about 2 ha (15 minutes) in one flight
- The strong downwind design allows the drug to penetrate evenly, maximizing the control effect
- It is easy to store and move with the frame and propeller of the foldable structure. (Can be operated as a small hatchback passenger car)
- Reinforced aviation duralumin material and efficient structural design minimize damage to the aircraft in the event of a fall
- Convenient on-site maintenance with a simple structure
- In the event of an emergency due to inexperienced control, you can safely fly in place by simply taking your hand off the remote controller

## Features



Spraying width 4m-5m



Lighting technology



Foldable design for easy transport



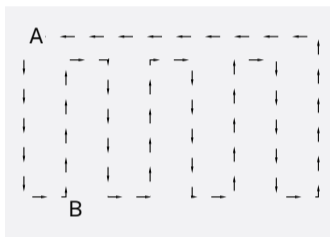
Intelligent remote control



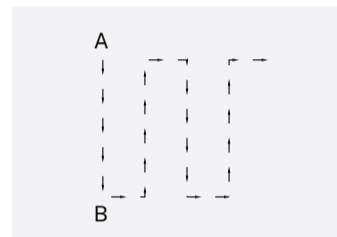
Smart mode: the flight can be easily planned with the press of few buttons, it is making the most easy to use spraying solution



Automatic landing in case of emergency



Automatic pattern flight (Return to home at the press of a button)



One touch automatic flight

## Specifications

Model	Agricultural Machinery		Drone Seeder and Sprayer	
	Name		SDR A-20	
Dimensions	Length (mm)	138 (In operation)	68 (In storage)	
	Width (mm)	156 (In operation)	78 (In storage)	
	Height (mm)	50 (In operation)	50 (In storage)	
	Weight (kg)	22.2 (Including battery)		
Power	Maximum Power Consumption (kW)	11		
	Battery power (mAh)	Designated Battery (16,00)		
	Howvering power consumption (kW)	960 (with 22kg take-off weight)		
Drone section	Maximum payload (kg)	25 (based on 25L of medicinal material)		
	Standard load weight (kg)	20 (based on 20L of medicinal material)		
	Maximum Take-off weight (kg)	45.2		
	Maximum flight speed (km/h)	43		
	Recommended working speed (km/h)	20 or less		
	Flight altitude (m)	3 to 5		
	Spread width (m)	4 to 5		
	Spray area (1 time)	20, (2 hectare) can be sprayed		
	Flight time (minutes)	25		
Liquid tank volume (L)	20			

\* These specifications above to change for enhancements in quality and performance.

# Agricultural Drone Sprayer



- It is easy to store and move with the frame and propeller of the foldable structure
- Reinforced aviation duralumin material and efficient structural design minimize damage to the aircraft in the event of a fall
- The strong downwind design allows the drug to penetrate evenly, maximizing the control effect
- Convenient on-site maintenance with a simple structure
- In the event of an emergency due to inexperienced control, you can safely fly in place by simply taking your hand off the remote controller

## Features



Spraying width 4m-5m



Lighting technology



Foldable design for easy transport



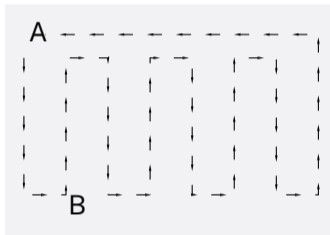
Intelligent remote control



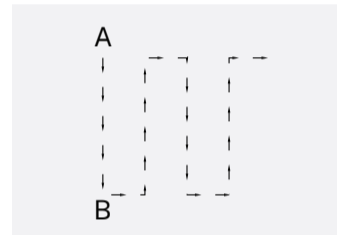
Smart mode: the flight can be easily planned with the press of few buttons, it is making the most easy to use spraying solution



Automatic landing in case of emergency



Automatic pattern flight (Return to home at the press of a button)



One touch automatic flight

## Specifications

Model	Agricultural Machinery		Drone Sprayer	
	Name		SDR Q-1 , SDR Q-1 (digital)	
Dimensions	Length (mm)	90 (In operation)	41 (In storage)	
	Width (mm)	90 (In operation)	41 (In storage)	
	Height (mm)	50 (In operation)	50 (In storage)	
	Weight (kg)	11 (excluding battery)		
Power	Maximum Power Consumption (kW)	11		
	Battery power (mAh)	Designated Battery (16,00)		
	Howvering power consumption (kW)	960 (with 22kg take-off weight)		
Drone section	Maximum payload (kg)	15 (based on 15L of medicinal material)		
	Standard load weight (kg)	10 (based on loading 10L of medicinal materials)		
	Maximum Take-off weight (kg)	24.5		
	Maximum flight speed (km/h)	43		
	Recommended working speed (km/h)	20 or less		
	Flight altitude (m)	3 to 5		
	Spread width (m)	Approx. 5m (based on 3~6m above the crop)		
	Spray area (1 time)	10, (1-1.3 hectare) can be sprayed		
	Flight time (minutes)	8		
Liquid tank volume (L)	5 - 10			

\* These specifications above to change for enhancements in quality and performance.

# Agricultural Drone Sprayer



- It is easy to store and move with the frame and propeller of the foldable structure
- Reinforced aviation duralumin material and efficient structural design minimize damage to the aircraft in the event of a fall
- The strong downwind design allows the drug to penetrate evenly, maximizing the control effect
- Convenient on-site maintenance with a simple structure
- In the event of an emergency due to inexperienced control, you can safely fly in place by simply taking your hand off the remote controller

## Features



Spraying width 4m-6m



Lighting technology



Foldable design for easy transport



Easy remote control



Smart mode: the flight can be easily planned with the press of few buttons, it is making the most easy to use spraying solution



Automatic landing in case of emergency

## Specifications

Model	Agricultural Machinery		Drone Sprayer	
	Name		SDR Q-1 , SDR Q-1 (digital)	
Dimensions	Length (mm)	90 (In operation)	41 (In storage)	
	Width (mm)	90 (In operation)	41 (In storage)	
	Height (mm)	50 (In operation)	50 (In storage)	
	Weight (kg)	11 (excluding battery)		
Power	Maximum Power Consumption (kW)	11		
	Battery power (mAh)	Designated Battery (16,00)		
	Howvering power consumption (kW)	960 (with 22kg take-off weight)		
Drone section	Maximum payload (kg)	15 (based on 15L of medicinal material)		
	Standard load weight (kg)	10 (based on loading 10L of medicinal materials)		
	Maximum Take-off weight (kg)	24.5		
	Maximum flight speed (km/h)	43		
	Recommended working speed (km/h)	20 or less		
	Flight altitude (m)	3 to 5		
	Spread width (m)	Approx. 5m (based on 3-6m above the crop)		
	Spray area (1 time)	10, (1-1.3 hectare) can be sprayed		
	Flight time (minutes)	8		
Liquid tank volume (L)	5 - 10			

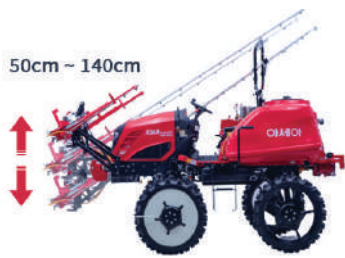
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# Boom Sprayer

- Adjustable boom height (50~140cm)
- Integrated control controller
- Hydraulic cylinder
- Equipped with wheels for control
- Line filter applied
- Straight stainless steel nozzle (new) adoption
- Convenient water supply with jet pump



## Features



Adjustable boom height  
(from 50 to 140 cm)  
Adjustable from 50 to 140 cm(20~55 in)  
depending on crops



Integrated controller  
You can operate the boom easily with the micro computer integrated remote control



Hydraulic Cylinder  
By adopting a hydraulic cylinder, it is more robust and has quicker control response



Spray - optimized wheels  
Lug-type tires optimized for spraying increase traction and driving comfort



Line filter  
Built-in line filter to prevent nozzle clogging



I-type stainless nozzle(new)  
I-type stainless steel nozzle has a uniform spray pattern and excellent durability



Watering  
The watering with jet pump makes it quick and easy to fill the tank with water from reservoirs and streams



Dedicated chemical tank  
FRP chemical tank



Quick and convenient watering with jet pump  
The watering with jet pump makes it quick and easy to fill the tank with water from reservoirs and streams



Powerful downward spraying  
The powerful downward wind by the nozzle allows the chemical to reach and adhere evenly to lower part of the crops, resulting in excellent spraying effect



Outstanding work efficiency  
15-25 acres can be sprayed in 8 hours or in a day

## Specifications

Model	Agricultural Machinery		Boom Sprayer	
	Name		BS-2000	
Dimensions	Length (mm)		4300	
	Width (mm)		1580	9150 (In operation)
	Height (mm)		2890	2625 (In operation)
	Weight (kg)			
	Form		GX100A (horizontal 3-piece plunger type)	
Power sprayer	Rotational speed (rpm)		Low speed : 560, High speed : 770	
	Absorption (l/min)		72	
	Working pressure (kg/cm <sup>2</sup> )		10-20	
	Power transmission method		Universal joint type	
	Spray width (m)		Base 12 (ext 16)	
Water pump	Form		Jet pump	
	Absorption (l/min)		Up to 100	
	Working pressure (kg/cm <sup>2</sup> )		Up to 30	
Chemical Tank	Capacity (L)		600	
	Agitation method		Classification and stirring method	
Flag	Tire (mm)		940 (120/90 - 26 6PR)	
	Number of work		-	
	PTO (rpm)		Low speed : 560	
	Mounting method		Ride management system mounted type	
Working efficiency (ha/day)			5 - 10	

\* These specifications above to change for enhancements in quality and performance.