

High quality, Well-deserved reputation, First-class service



BOTOU EVER LUCKY ENVIRONMENTAL PROTECTION MACHINERY CO. LTD



- **Botou EVERLUCKY company** is a Chinese manufacturer of fog cannon.
- **Fog cannon** can effectively control dust pollution, improve working environment, prevent industrial accidents, and play an important role in promoting safe production, ensuring the health of workers, and maintaining environmental sanitation. It can be used in agriculture, industry, garden irrigation, etc.

## • Product Features:

- 1. Professional manufacturers with years of experience, high quality, high quality and competitiveness offer a wide range of products to meet different needs.
- 2. Strong ability, high and far throwing range, wide coverage area, accurate volume spray, high efficiency and spray speed.
- 3. Mist droplets, forming a layer of wet fog, contact with floating dust, high-speed impact dust.
- 4. Flexible power supply shown: power supply of three-phase 380V and diesel generator is optional
- 5. Flexible installation, fixed to concrete platform or diesel generator driven vehicle.
- 6. Flexible, safe and reliable use. Disassembly control and manual control operations. Easily adjust the spray Angle of horizontal rotation.
- 7. Compared with tank cars, water consumption is 70%, 80% less and covers a wide area.







The control system adopts famous brand PLC programmable controller as the core control device of the system. The remote control and other related components are selected well-known brands to ensure the reliability of control.



Aluminum alloy fan blade, aircraft wing design, excellent aerodynamic performance and variable working condition performance, strong pneumatic matching ability and low pneumatic loss.





Stainless steel multistage centrifugal pump, compact structure, saving equipment space, no need to add lubricating oil, stainless steel, excellent corrosion resistance.



The pitching Angle hydraulic system is composed of hydraulic station with hydraulic lock and double-stage cylinder. It adopts twostage sleeve cylinder with small length and big travel, good shock absorption effect and not easy to damage.



The tail of the fan adopts the original imported alloy stainless steel nozzle, which is resistant to wear, avoids rust, blocks the nozzle, and adopts sinusoidal serrated guide vanes to effectively reduce the aerodynamic noise.



The automatic steering system is controlled by gear drive system and limit stroke switch, which can meet the requirement of 360 degrees of horizontal rotation.

Item	Units	Technical data
Model		JY25
Spraying nozzles	Pcs	8 stainless steel
Fan diameter	mm	460
Fan blade	Pcs	9
Spraying distance	m	25
Main motor	Kw	2-2.2
Turning method		Automatic
Pump model		<b>Triplex Piston Pump</b>
Pump motor	Kw	1.5
Up & down degree		$-10^{\circ}$ $40^{\circ}$
Turning degree		350°
Starting mode	m	Normal start
Spraying water ring		Single ring

Item	Units	Technical data
Model		JY30
Spraying nozzles	Pcs	12 stainless steel
Fan diameter	mm	520
Fan blade	Pcs	7
Spraying distance	m	30
Main motor	Kw	2-3
Turning method		Automatic
Pump model		<b>Triplex Piston Pump</b>
Pump motor	Kw	2.2
Up & down degree		-10°40°
Turning degree		350°
Starting mode	m	Normal start
Spraying water ring		Single ring

Item	Units	Technical data
Model		JY40
Spraying nozzles	Pcs	24 stainless steel
Fan diameter	mm	580
Fan blade	Pcs	6
Spraying distance	m	40
Main motor	Kw	2-7.5
Turning method		Automatic
Pump model		<b>Triplex Piston Pump</b>
Pump motor	Kw	4
Up & down degree		-10°40°
Turning degree		350°
Starting mode	m	Normal start
Spraying water ring		Single ring

Item	Units	Technical data
Model		JY50
Spraying nozzles	Pcs	28 stainless steel
Fan diameter	mm	650
Fan blade	Pcs	6
Spraying distance	m	50
Main motor	Kw	2-11
Turning method		Automatic
Pump model		<b>Triplex Piston Pump</b>
Pump motor	Kw	4
Up & down degree		-10°40°
Turning degree		350°
Starting mode	m	Star triangle start
Spraying water ring		Single ring

Item	Units	Technical data
Model		JY50
Spraying nozzles	Pcs	36 stainless steel
Fan diameter	mm	740
Fan blade	Pcs	6
Spraying distance	m	50
Main motor	Kw	2-11
Turning method		Automatic
Pump model		<b>Triplex Piston Pump</b>
Pump motor	Kw	5.5
Up & down degree		-10°40°
Turning degree		350°
Starting mode	m	Star triangle start
Spraying water ring		Single ring

Item	Units	Technical data
Model		JY60
Spraying nozzles	Pcs	36 stainless steel
Fan diameter	mm	740
Fan blade	Pcs	7
Spraying distance	m	60
Main motor	Kw	2-18.5
Turning method		Automatic
Pump model		Multi stage centrifugal pump
Pump motor	Kw	5.5
Up & down degree		-10°40°
Turning degree		350°
Starting mode	m	Star triangle start
Spraying water ring		Single ring

Item	Units	Technical data
Model		JY70
Spraying nozzles	Pcs	70 stainless steel
Fan diameter	mm	850
Fan blade	Pcs	7
Spraying distance	m	70
Main motor	Kw	2-22
Turning method		Automatic
Pump model		Multi stage centrifugal pump
Pump motor	Kw	5.5
Up & down degree		-10°40°
Turning degree		350°
Starting mode	m	Star triangle start
Spraying water ring		Double ring
		-
Item	Units	Technical data
	Units	Technical data JY80
Item	Units Pcs	
Item Model		JY80
ItemModelSpraying nozzles	Pcs	JY80 80 stainless steel
ItemModelSpraying nozzlesFan diameter	Pcs mm	JY80 80 stainless steel 1000
ItemModelSpraying nozzlesFan diameterFan blade	Pcs mm Pcs	JY80 80 stainless steel 1000 18
ItemModelSpraying nozzlesFan diameterFan bladeSpraying distance	Pcs mm Pcs m	JY80 80 stainless steel 1000 18 80
ItemModelSpraying nozzlesFan diameterFan bladeSpraying distanceMain motor	Pcs mm Pcs m	JY80 80 stainless steel 1000 18 80 4-37
ItemModelSpraying nozzlesFan diameterFan bladeSpraying distanceMain motorTurning method	Pcs mm Pcs m	JY80   80 stainless steel   1000   18   80   4-37   Automatic   Multi stage centrifugal
ItemModelSpraying nozzlesFan diameterFan bladeSpraying distanceMain motorTurning methodPump model	Pcs mm Pcs m Kw	JY80 80 stainless steel 1000 18 80 4-37 Automatic Multi stage centrifugal pump
ItemModelSpraying nozzlesFan diameterFan bladeSpraying distanceMain motorTurning methodPump modelPump motor	Pcs mm Pcs m Kw	JY80   80 stainless steel   1000   18   80   4-37   Automatic   Multi stage centrifugal   pump   7.5
ItemModelSpraying nozzlesFan diameterFan bladeSpraying distanceMain motorTurning methodPump modelPump motorUp & down degree	Pcs mm Pcs m Kw	JY80   80 stainless steel   1000   18   80   4-37   Automatic   Multi stage centrifugal   pump   7.5 $-10^{\circ}$ 40°

Item	Units	Technical data
Model		JY100
Spraying nozzles	Pcs	100stainless steel
Fan diameter	mm	1200
Fan blade	Pcs	18
Spraying distance	m	100
Main motor	Kw	4-55
Turning method		Automatic
Pump model		Multi stage centrifugal pump
Pump motor	Kw	15
Up & down degree		-10°40°
Turning degree		350°
Starting mode	m	Soft start
Spraying water ring		Double ring
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Item	Units	Technical data
· · · · ·	Units	Technical data JY120
Item	Units Pcs	
Item Model		JY120
ItemModelSpraying nozzles	Pcs	JY120 120 stainless steel
ItemModelSpraying nozzlesFan diameter	Pcs mm	JY120 120 stainless steel 1200
ItemModelSpraying nozzlesFan diameterFan blade	Pcs mm Pcs	JY120 120 stainless steel 1200 18
ItemModelSpraying nozzlesFan diameterFan bladeSpraying distance	Pcs mm Pcs m	JY120 120 stainless steel 1200 18 120
ItemModelSpraying nozzlesFan diameterFan bladeSpraying distanceMain motor	Pcs mm Pcs m	JY120 120 stainless steel 1200 18 120 4-75
ItemModelSpraying nozzlesFan diameterFan bladeSpraying distanceMain motorTurning method	Pcs mm Pcs m	JY120   120 stainless steel   1200   1200   120   120   14   120
ItemModelSpraying nozzlesFan diameterFan bladeSpraying distanceMain motorTurning methodPump model	Pcs mm Pcs m Kw	JY120 120 stainless steel 1200 18 18 120 4-75 Automatic Multi stage centrifugal pump
ItemModelSpraying nozzlesFan diameterFan bladeSpraying distanceMain motorTurning methodPump modelPump motor	Pcs mm Pcs m Kw	JY120   120 stainless steel   1200   1200   1200   18   4-75   Automatic   Multi stage centrifugal   pump   18.5
ItemModelSpraying nozzlesFan diameterFan bladeSpraying distanceMain motorTurning methodPump modelPump motorUp & down degree	Pcs mm Pcs m Kw	JY120 120 stainless steel 1200 18 18 120 4-75 Automatic Multi stage centrifugal pump 18.5 -10°40°

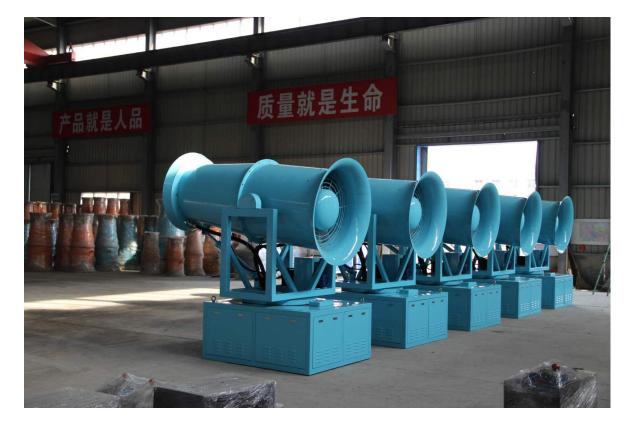


## 产品参数/Technical Parameters

Item	Units	Technical data
Model		JY150
Spraying nozzles	Pcs	120 stainless steel
Fan diameter	mm	1400
Fan blade	Pcs	18
Spraying distance	m	150
Main motor	Kw	4-75
Turning method		Automatic
Pump model		Multi stage centrifugal pump
Pump motor	Kw	18.5
Up & down degree		$-10^{\circ}$ $40^{\circ}$
Turning degree		350°
Starting mode	m	Soft start
Spraying water ring		Double ring











## **Widely Application**

## Where there is fly ash, where there is us.

