

3-POINT HITCH CANNON SPRAYERS



WIDE SWATH PENETRATING SPRAY FOR ALL CROPS



JACTO, THE NAME MEANS QUALITY

WITH THIS NEW REVOLUTIONARY CANNON J-600 EXPORT, JACTO CONSOLIDATES ITSELF AS ONE OF THE LARGEST CANNON SPRAYERS MANUFACTURERS IN THE WORLD.

J-600 EXPORT



FLOW REGULATOR

9 setting valve. It is not necessary to change nozzles for different flow rates. Precise regulation and easy operation.

LONG RANGE CANNON HEAD

The cannon head can be easily raised, lowered, or pointed in any direction even while spraying. Angle of up to 36 degrees vertically and up to 238 degrees horizontally.

TANK

160-gallon high density polyethylene tank. Resistant to chemical products corrosive action and to ultraviolet rays. Guarantees a longer life.



SUCTION FILTER

Manufactured with corrosion resistant material. Equipped with a quick shut-off valve to facilitate cleaning operations.



NOZZLES

The main air outlet is fitted with 3 deflector nozzles and the two adjustable lower air outlets with three nozzles each, which can be changed according to the flow rate required. The perfect distribution of the air and spray mixture enables you to get even coverage throughout the spraying swath.



FAN SWITCH-OFF

The J-600 Export has a fan switch-off system which reduces power consumption when filling the tank and mixing the chemical solution.



HYDRAULIC PUMP

For cannon head adjustments. Hydraulic circuit with oil pump independent of tractor.

TOTAL PROTECTION FOR YOUR CROPS. IDEAL FOR VEGETABLES, NURSERIES, BERRIES, CHRISTMAS TREES, SWEET CORN, SOYBEANS, POTATOES, WHEAT, ETC. ALSO RECOMMENDED FOR APPLICATION OF HERBICIDES ON PASTURE AND DESICCANTS AND DEFOLIANTS ON MECHANICALLY HARVESTED CROPS, AS WELL AS FOR FLIES CONTROL ON POULTRIES, DAIRIES AND BEEF CATTLE FARMS.

JACTO CANNON SPRAYERS ARE SPECIALLY DESIGNED TO MEET THE NEEDS OF FARMERS WHO WISH TO MAKE APPLICATIONS WITH THREE-POINT HITCH IMPLEMENTS WHICH GATHER THE PRODUCTIVITY OF AN AIRPLANE APPLICATION AND THE PRACTICALITY AND EFFICIENCY OF A BOOM SPRAYER UNDER NORMAL CONDITIONS, EACH PASS CAN REACH EFFECTIVELY UP TO 130 FEET.

EQUIPPED WITH EFFICIENT JACTO RADIAL FAN, THEY DELIVER AIR AT HIGH PRESSURE AND OUTSTANDING HIGH SPEED WITH LOW POWER CONSUMPTION. JACTO CANNONS PRODUCE FINE DROPLETS WITH EXTRAORDINARY PENETRATION INTO THE DENSEST FOLIAGE.

THE QUICKNESS AND VERSATILITY YOU NEED TO PROTECT YOUR CROPS WITH EASE AND ACCURACY.

J-400



CANNON HEAD

Special design for high performance. Easy-to-operate, it turns manually up to 290 degrees horizontally and up to 34 degrees vertically and delivers high air volume and speed, covering a wider spraying swath.

CONTROL VALVE

9 settings to control the flow rate. Adjustable for the operator comfort.

TANK

High density polyethylene, 105-gallon capacity. Its heart-shaped design allows total use of spray mixture.

TIGHTENING BELTS

No need for alignment. Tightening is made by means of easy-to-reach knob and screw.

- Sprays up to 30 meters downwind with outstanding coverage.
- Has a cover at the cannon opening to protect the nozzles during transport.
- Its auxiliary rotary atomizer ensures ideal spray swath.
- Allows low and ultralow volume applications.
- It is easy to operate and to adjust vertically and horizontally.
- It can be used on various crops: cotton, flowers, cereals, vegetables and tobacco, as well as livestock.
- Modern, low cost and little maintenance.

AJ-401-LH Plus



PUMP AND FILLING VALVE

Pump: centrifugal, robust and easy to access for maintenance.
Filling valve: can fill the tank in 5 minutes only, without changing the sprayer calibration.

TANK

Made of high density polyethylene, a material that resists well impacts and sun rays. Has an easy-to-read level indicator.

IN-LINE FILTER

It protects the nozzles from impurities and abrasive particles of chemicals.

CONTROL VALVE

It is located within the tractor driver's reach. Easy to increase or decrease the application rate.

J-600 EXPORT CHT

THE J-600 CHT IS A NEW VERSION OF THE J-600 EXPORT, AIMING TO ATTEND SPECIFIC MARKETS, WHERE FARMERS HAVE BEEN USING LARGELY THE HYDRAULIC SYSTEM OF THE TRACTOR TO MOVE THE CANNON HEAD BOTH HORIZONTALLY AND VERTICALLY, EVEN WHILE SPRAYING, INSTEAD OF HYDRAULIC PUMP, OIL RESERVOIR AND HYDRAULIC CONTROL VALVE.



TECHNICAL SPECIFICATIONS	CANNON SPRAYER MODEL					
	J-600 EXPORT		J-400		AJ-401-LH - PLUS	
NET WEIGHT	749 lb	(340 kg)	650 lb	(295 kg)	507 lb	(230 kg)
LENGTH	10' 6"	(3,20 m)	8' 5"	(1,85 m)	4' 9"	(1,45 m)
WIDTH	4' 1"	(1,25 m)	4' 11"	(1,50 m)	3' 9"	(1,15 m)
HEIGHT	7' 2"	(2,20 m)	7' 4"	(2,25 m)	6' 6"	(2,00 m)
TRACTOR MINIMUM HP	80 HP		50 HP		40 HP	
TANK:	POLYETHYLENE		POLYETHYLENE		POLYETHYLENE	
• MATERIAL	POLYETHYLENE		POLYETHYLENE		POLYETHYLENE	
• CAPACITY	158 gal	(600 L)	105 gal	(400 L)	105 gal	(400 L)
AGITATION	MECHANICAL		MECHANICAL		HYDRAULIC	
PUMP:	CENTRIFUGAL, DUAL STAGE		CENTRIFUGAL		CENTRIFUGAL	
• TYPE	CENTRIFUGAL, DUAL STAGE		CENTRIFUGAL		CENTRIFUGAL	
• CAPACITY (MAXIMUM)	35 gpm	(130 L/min)	25 gpm	(94 L/min)	25 gpm	(92 L/min)
• RPM	4,100		3,770		3,628	
FILTER:	SUCTION FVS-102		SUCTION FVS-102		IN-LINE	
• TYPE	SUCTION FVS-102		SUCTION FVS-102		IN-LINE	
• MESH	40		40		80	
FAN	3,030		3,810		3,530	
• RPM	3,030		3,810		3,530	
• AIR VOLUME	5,500 cfm	(156 m ³ /min)	4,237 cfm	(120 m ³ /min)	3,772 cfm	(107 m ³ /min)
AIR SPEED (AT HEAD)	168 mph	(270 km/h)	180 mph	(290 km/h)	143 mph	(232 km/h)
SPRAY SWATH:	110' (33 m)		82' (15 m)		49' (15 m)	
• WITHOUT WIND	110' (33 m)		82' (15 m)		49' (15 m)	
SPRAYING VOLUME:	2.1 GPA (20 L/ha)		2.9 GPA (27 L/ha)		0.1 GPA (1 L/ha)	
• MINIMUM	2.1 GPA (20 L/ha)		2.9 GPA (27 L/ha)		0.1 GPA (1 L/ha)	
• MAXIMUM	42 GPA (430 L/ha)		33 GPA (308 L/ha)		40 GPA (374 L/ha)	
RECOMMENDED OPERATING SPEED	UP TO 4.5 mph (2 to 6 km/h)		UP TO 4.5 mph (2 to 6 km/h)		UP TO 4.5 mph (2 a 6 km/h)	
POWER CONSUMPTION	26.5 HP		20 HP		14.5 HP	
AVERAGE TANK FILLING TIME	7 MINUTES		4 MINUTES		5 MINUTES	

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