

No Sprayer Delivers More

Jacto Falcon Vortex Air-Assist Boom Sprayer

Boom Folds Up
For easy transport.

Hydraulically Driven Fan
Produces 18,822 cfm at 62 mph.

160-Gallon Poly Tank
UV resistant, high-density polyethylene.

Air Assistance For Reduced Drift
Improves penetration even on windy days.

Masterflow With In-Cab Electronic Controls
For ease of operation.



Breakaway Booms
For crop and boom protection.

Chemical Mixer With Chemical Container Triple-Rinse System
Protects the operator and the environment.

Air-Assist Boom
46 foot fully hydraulic.

Hydraulically-Controlled Height Adjustment
For various crop sizes.

29 Flip-Over Nozzle Holders
For rapid application rate changes or individual nozzle shutoff.



Air-Assist Boom System On



Air-Assist Boom System Off

Jacto
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Jacto's Falcon Vortex air-assist boom sprayer is a 3-point hitch, 160-gallon capacity boom sprayer. It provides unsurpassed crop coverage and protection by utilizing Jacto's air-assist boom system that displaces the "dead" air around your crop with the spray solution suspended in high-speed "Vortex" air. Air-assist boom spraying can reduce drift between 57 and 71%. 46 foot hydraulically-controlled boom with electronic in-cab controls, hydraulically operated fan, ceramic cylinder high-pressure piston pump, and much more.

FALCON VORTEX Air-Assist Boom Sprayer

Jacto **FALCON VORTEX**

Cat# FV010803 ©2003, Jacto, Inc.
Photo shown for reference only. Actual sprayer may vary.



Specifications

Jacto FALCON VORTEX Air-Assist Boom Sprayer

Weight	Empty	1,609 lbs.
Dimensions	Length	66 in.
	Width	97 in.
	Height Without Boom	111 in.
	Height With Folded Boom	130 in.
Tank	Capacity	160 gal.
	Material	Polyethylene
Filter	Model	FVS-100
	Mesh	60
Pump	Model	JP-75
	Capacity	20 gpm
	Maximum Working Pressure	150 psi
	Power Consumption	2.3 hp at 150 psi
Control	Model	Masterflow With Electronic In-Cab Controls
Nozzles	Nozzle Type	Bijet Double Nozzle Holder
	Model	JA-2 (Cone)/AXI 110-02 (Flat Fan)
	Quantity	29
	Recommended Maximum Pressure	JA-2 (150 psi)/AXI 110-02 (60 psi)
Boom	Spacing	20 in.
	Length	46 ft.
	Actuation	Hydraulic
Fan	Height	20 to 51 in.
	Rotation	2,800 rpm
	Air Volume	18,822 cfm
	Air Speed	62 mph
Hydraulic Pump	Power Consumption	21.3 hp
	Capacity	13 gpm
	Rotation	2,250 rpm
	Oil Type	ISO VG-68
	Oil Reservoir Capacity	12 gal.

Additional Equipment Specifications

Maximum PTO Speed	540 rpm	Maximum Power Consumption	23.6 hp
Minimum Recommended Tractor	80 hp	Minimum Recommended 3-Point Lift Capacity	3,000 lbs
Recommended Maximum Working Speed	6 mph		



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Specifications subject to change without notice.