

No Sprayer Delivers More

Jacto **Advance Vortex** Trailed Air-Assist Boom Sprayer

Electronic Masterflow Control Valve With JSC Computer Spray Controller
For precise spray application.

Chemical Circuit Rinse System
To Safeguard The Environment.

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

Independent Controls For Each Boom Section
For more versatile spraying.

Hydraulically Driven Fan
Produces 23,555 cfm at 62 mph.



Ceramic Cylinder JP-100 High-Pressure Piston Pump
Delivers up to 26 gpm

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

Air-Assist Boom
60 foot length for more efficient spraying.

Hydraulically-Controlled Height Adjustment
For various crop sizes.

37 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 Advance Vortex air-assist boom sprayer is trailer-mounted and has an 800-gallon capacity. 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%. It features a 60 foot hydraulically-controlled boom with electronic in-cab computerized controls, hydraulically operated fan, ceramic cylinder high-pressure piston pump, and much more.

ADVANCE VORTEX Trailed Air-Assist Boom Sprayer

Jacto ADVANCE VORTEX

Cat# AV010803 ©2003, Jacto, Inc.
Photo shown for reference only. Actual sprayer may vary.

Jacto ADVANCE VORTEX Trailed Air-Assist Boom Sprayer

Weight	Empty	4,674 lbs.
Dimensions	Length	225 in.
	Width	124 in.
	Height	139 in.
	Track Width	71 to 95 in.
	Ground Clearance	26 In.
Tank	Capacity	800 gal.
	Material	Polyethylene
Chem Circuit Rinse Tank	Capacity	53 gal.
	Material	Polyethylene
Filter	Model	FVS-200
	Mesh	24/40
Pump	Model	JP-100
	Capacity	26 gpm
	Maximum Working Pressure	300 psi
	Power Consumption	5.6 hp at 300 psi
Control Valve	Model	Masterflow With Electronic In-Cab Controls
Nozzles	Nozzle Type	Bijet Double Nozzle Holder
	Quantity	37
	Model	JA-2 (Cone)/AVI-05 (Flat Fan)
	Recommended Maximum Pressure	JA-2 (200 psi)/AVI-05 (90 psi)
	Spacing	20 in.
Boom	Length	60 ft.
	Actuation	Hydraulic
	Height	23 in. to 61 in.
Fan	Rotation	2,800 to 3,000 rpm
	Air Volume	23,555 cfm
	Air Speed	62 mph
	Power Consumption	25 hp
Hydraulic Pump	Capacity	18.5 gpm
	Rotation	1,550 rpm
	Oil Type	ISO VG-68
	Oil Reservoir Capacity	20 gal.

Additional Equipment Specifications

Maximum PTO Speed	540 rpm	Maximum Power Consumption	30.6 hp
Minimum Recommended Tractor	90 hp	Recommended Maximum Working Speed	7.4 mph