

# FALCON

# VORTEX<sup>®</sup>



## THE WIND THAT PROTECTS YOUR CROPS

EXCELLENT PENETRATION AND COVERAGE.  
PROTECTS EVEN THE UNDERSIDE OF THE LEAVES.  
COVERS THE PLANT FROM TOP TO BOTTOM.





# FALCON VORTEX®: SEVERALS MODELS TO MEET THE FARMERS' NEEDS.

TECHNICAL SPECIFICATIONS		FALCON VORTEX® (LOW PRESSURE)				FALCON VORTEX® HORTI (HIGH PRESSURE)			
Maximum working pressure		10,5 kgf/cm² or 150 psi				28 kgf/cm² or 400 psi			
CONTROL		VAR		MASTERFLOW		VAR		MASTERFLOW	
model	quantity of ways	2 ways	4 ways	2 ways	4 ways	2 ways	4 ways	2 ways	4 ways
PRESSURE GAUGE	type	extended scale	extended scale	extended scale	extended scale	extended scale	extended scale	extended scale	extended scale
	scale end	200 psi	200 psi	200 psi	200 psi	500 psi	500 psi	500 psi	500 psi
IN-LINE FILTER	quantity	2	4	2	4	without	without	without	without
	mesh	80	80	80	80	730 kg	730 kg	730 kg	730 kg
WEIGHT	length	1670 mm	1670 mm	1670 mm	1670 mm	1670 mm	1670 mm	1670 mm	1670 mm
	width	2450 mm	2450 mm	2450 mm	2450 mm	2450 mm	2450 mm	2450 mm	2450 mm
DIMENSIONS	height	3290 mm	3290 mm	3290 mm	3290 mm	3290 mm	3290 mm	3290 mm	3290 mm
	TANK	600 liters	600 liters	600 liters	600 liters	600 liters	600 liters	600 liters	600 liters
TANK	capacity	polyethylene	polyethylene	polyethylene	polyethylene	polyethylene	polyethylene	polyethylene	polyethylene
	material	polyethylene	polyethylene	polyethylene	polyethylene	polyethylene	polyethylene	polyethylene	polyethylene
FILTER	model	FVS-100	FVS-100	FVS-100	FVS-100	FVS-100	FVS-100	FVS-100	FVS-100
	mesh	60	60	60	60	60	60	60	60
PUMP	model	JP-75	JP-75	JP-75	JP-75	JP-75	JP-75	JP-75	JP-75
	capacity	75 L/min	75 L/min	75 L/min	75 L/min	75 L/min	75 L/min	75 L/min	75 L/min
maximum working pressure	maximum working pressure	150 psi	150 psi	150 psi	150 psi	400 psi	400 psi	400 psi	400 psi
	FAN	625 mm	625 mm	625 mm	625 mm	625 mm	625 mm	625 mm	625 mm
rotation	rotation	2800 rpm	2800 rpm	2800 rpm	2800 rpm	2800 rpm	2800 rpm	2800 rpm	2800 rpm
	air volume	533 m³/min	533 m³/min	533 m³/min	533 m³/min	533 m³/min	533 m³/min	533 m³/min	533 m³/min
air speed	air speed	100 km/h	100 km/h	100 km/h	100 km/h	100 km/h	100 km/h	100 km/h	100 km/h
	power consumption	21.3 HP	21.3 HP	21.3 HP	21.3 HP	21.3 HP	21.3 HP	21.3 HP	21.3 HP
BOOM	length	14 m	14 m	14 m	14 m	14 m	14 m	14 m	14 m
	actuation	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
height	height	from 0.50 to 1.30 m	from 0.50 to 1.30 m	from 0.50 to 1.30 m	from 0.50 to 1.30 m	from 0.50 to 1.30 m	from 0.50 to 1.30 m	from 0.50 to 1.30 m	from 0.50 to 1.30 m
	NOZZLE HOLDER	double nozzle/Bijet	double nozzle/Bijet	double nozzle/Bijet	double nozzle/Bijet	double nozzle/Bijet	double nozzle/Bijet	double nozzle/Bijet	double nozzle/Bijet
spacing	spacing	50 cm	58	58	58	58	58	58	58
	quantity	JA-2 and AXI 110-02	JA-2 and AXI 110-02	JA-2 and AXI 110-02	JA-2 and AXI 110-02	JA-2 and AXI 110-02	JA-2 and AXI 110-02	JA-2 and AXI 110-02	JA-2 and AXI 110-02
LEVEL INDICATOR	nozzle model (2)	graduated hose attached to the tank	graduated hose attached to the tank	graduated hose attached to the tank	graduated hose attached to the tank	graduated hose attached to the tank	graduated hose attached to the tank	graduated hose attached to the tank	graduated hose attached to the tank
	type	hydraulic/venture type	hydraulic/venture type	hydraulic/venture type	hydraulic/venture type	hydraulic/venture type	hydraulic/venture type	hydraulic/venture type	hydraulic/venture type
AGITATOR	AGITATOR	80 HP	80 HP	80 HP	80 HP	80 HP	80 HP	80 HP	80 HP
	RECOMMENDED TRACTOR (minimum power)	up to 10 km/h	up to 10 km/h	up to 10 km/h	up to 10 km/h	up to 10 km/h	up to 10 km/h	up to 10 km/h	up to 10 km/h
RECOMMENDED WORKING SPEED	RECOMMENDED WORKING SPEED	044719	044727	044735	734657	044743	044750	044768	965590
	ORDERING P/N	044719	044727	044735	734657	044743	044750	044768	965590
FOAM MARKER FILLING UNIT	ACCESSORIES	MASTERMARK CLEAN SOURCE				OPTIONALS			
		NOZZLE SPACING BOOM BREAKAWAY SYSTEM WITHOUT CHEMICAL MIXER AND CONTAINER RINSE NOZZER				35 cm 82 NOZZLES			



# HIGH QUALITY COMPONENTS ENSURE THE SPRAYERS DURABILITY.

## HYDRAULICALLY DRIVEN FAN

It generates the air curtain to reduce drift and increase chemicals penetration. It is properly positioned to keep the tractor balance. The air volume is adjustable.



## CHEMICALS MIXER WITH CONTAINER RINSE NOZZLE

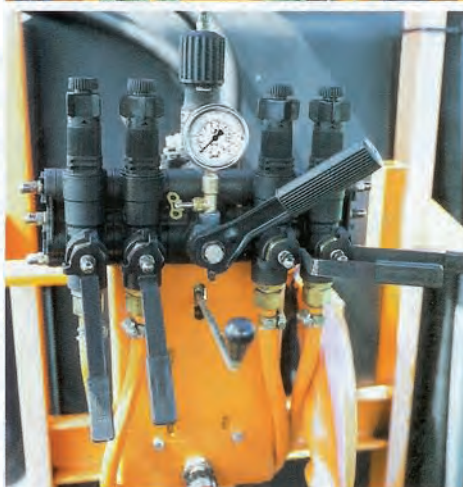
It makes easier the filling operation and removes the chemicals residues from the containers.



## MASTERFLOW CONTROL

It ensures constant application rate even if the tractor speed varies within a same gear.

The pressure also remains constant on the whole boom, regardless of the number of sections turned on.



## HYDRAULIC CONTROL

Easy to operate and reach by the tractor driver.



## PUMP

Model JP-75 with ceramic liners that resist chemicals abrasive action.



## MAIN FILTER

With quick shut-off valve and easy-to-reach for cleaning.



## CLEAN WATER TANK

12-liter tank to the operator protection and comfort.



## BIJET NOZZLE HOLDER

Equipped with nondrip valve to prevent wastage and protect the environment.

**ALWAYS READ THE INSTRUCTIONS MANUAL BEFORE OPERATING THE EQUIPMENT.**



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