



CONDOR LINE



CONDOR LINE

VERSATILE EQUIPMENT WITH LOW
MAINTENANCE COST

Condor Machine line was designed to provide quality spraying with high daily operational productivity and reduced maintenance cost.



CONDOR 600 M 12



CONDOR 800 M 12



CONDOR PD



CONDOR BX 12



CONDOR 600 AM 12



CONDOR 600 AM 14



CONDOR 800 AM 12



CONDOR 800 AM 14

CONDOR 600 M 12

600-liter tank and 12-meter booms.

A more economical way to spray.



BOOMS.

Condor 600 M 12
Condor 800 M 12

Booms are folded and unfolded manually.

A simple pulley system and ropes allow carrying out these operations without complications.



CONDOR 800 M 12

800-liter tank and 12-meter booms.

Greater operational capacity.

CONDOR PD

600-liter tank and 14-meter booms.

Greater productivity and less crop damage.



CONDOR BX 12

600-liter tank and 12-meter booms.

Easier to transport and store.



CONDOR 600 AM 12 / AM 14

600-liter tank, 12-meter and 14-meter booms.

Productive and comfortable option to spray.



BOOMS.

Condor 600 AM 12 / AM 14

Condor 800 AM 12 / AM 14

100% hydraulic folding and unfolding promotes more productivity. It is not necessary to get down from the tractor to unfold, fold or adjust boom height as the hydraulic control can be installed in the tractor cabin. Tanks to this comfort, the operator is able to reduce the time to prepare the machine and increase daily production.

CONDOR 800 AM 12 / AM 14

800-liter tank, 12-meter and 14-meter booms.

More autonomy.



COMPONENTS. **CONDOR LINE.**

FOAM MARKER (optional)



The foam marker provides perfect viewing of the spray swath avoiding chemical failures or overlapping.

FILLER UNIT (CLEAN SOURCE - optional)



JP-75 or JP-100 Clean Source Models allow filling the tank quickly.

JP-75 / JP-100 PUMPS



Jacto pumps have ceramic sleeves that are highly resistant to wear and that together with its robust pump mechanical system ensure reliability and low maintenance.

CLEAN WATER TANK



With capacity for 30 liters and made in polyethylene, the clean water tank is incorporated to the main tank. Allows triple rinsing the chemical containers and getting them ready for disposal. Available only for 800-liter models.

CLEAN WATER TANK



The clean water tank with 12-liter capacity offers more comfort and protection operator

COMPONENTS. **CONDOR LINE.**

MECHANICAL AGITATOR (OPTIONAL)



Mixes the chemical mixture through a propeller. That is what ensures a homogeneous product.

NOZZLES AND HOZZLE HOLDERS



Monojet nozzle-holder, bijet nozzle-holder with hose and bijet nozzle-holder with steel tube. Check availability for each model on the chart.

FILTERS



The filtration system of the hydraulic circuit has a FVS 100 suction filter with stainless steel mesh and quick-closing; in-line filters (optional), one for each spray boom section; filters in every nozzle promote an excellent application quality.

CHEMICAL MIXER WITH CHEMICAL CONTAINER RINSE NOZZLE (OPTIONAL)



Polyethylene tank with capacity for 23 liters mixes agrochemical with the tank water. The chemical container rinse nozzle allows rinsing containers with water from the main tank mixing the remaining agrochemical to the mixture in the tank (available as optional item for the 800-liter models).

CHEMICAL CONTAINER RINSE NOZZLE (OPTIONAL)



Allows rinsing agrochemical containers under pressure making triple rinsing easier. Allows the perfect incorporation of the chemical product to the tank and ensure better use. All of these features provide more safety to the operator and the environment.



To better control spraying, Condor Line has several spray control and boom actuation options.

2-WAY OR 4-WAY VAR CONTROL - MANUAL ACTUATION



Better spraying quality. Control has double springs for higher adjustment sensibility and quick relief valve that avoids circuit overloading. The hydraulic control* allows the operator to fold/unfold booms and move booms more easily.

2-WAY OR 4 MASTERFLOW CONTROL - MANUAL ACTUATION



Better application quality. Masterflow Control keeps spraying volume always constant even with variation in the tractor speed in the same gear (+/- 20% limit). It also keeps spraying pressure constant when one or more sections are closed and thus ensuring a better quality finish.

2-WAY OR 4-WAY MASTERFLOW CONTROL - CABLE ACTUATION



**More comfort to the operator.
Greater productivity.**

This assembly has the same application features of the Masterflow Control with the advantage of opening and closing spraying in a simple and comfortable way as the cables responsible for these operations can be placed near the operator.

Hydraulic* control responsible for folding, unfolding booms and for boom angles is activated by steel cables that are also within the operator's reach.

* Hydraulic controls available only for models AM

COMPONENTS. **CONDOR LINE.**

4-WAY ELECTRICAL MASTERFLOW CONTROL - JEC 3000 / JEC 2700**



Recommended for tractors with cabins.

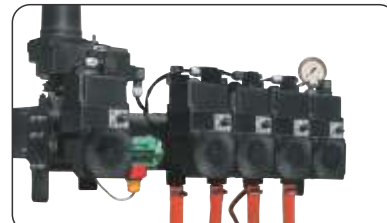
Besides the advantages of the Masterflow control, the operator has the freedom and comfort to activate spraying and booms through electrical panels located very close.



JEC panels allow folding and unfolding booms, adjusting hydraulic boom height as well as opening and closing spraying.



4-WAY ELECTRIC-ELECTRONIC MASTERFLOW CONTROL - JSC 5000 / JEC 3200**



Total spraying control.

Programs and keeps spraying volume (L/ha) constant even with variation in the tractor speed. Informs working time, distance traveled, liters sprayed per minute, total and partial sprayed areas and total and partial sprayed volume.



Allows opening and closing spray nozzles. It is equipped with a switch for manual operations. JEC panel activates the hydraulic booms.



ELECTRICAL CONTROL CHT - TRATOR HYDRAULIC CONTROL**

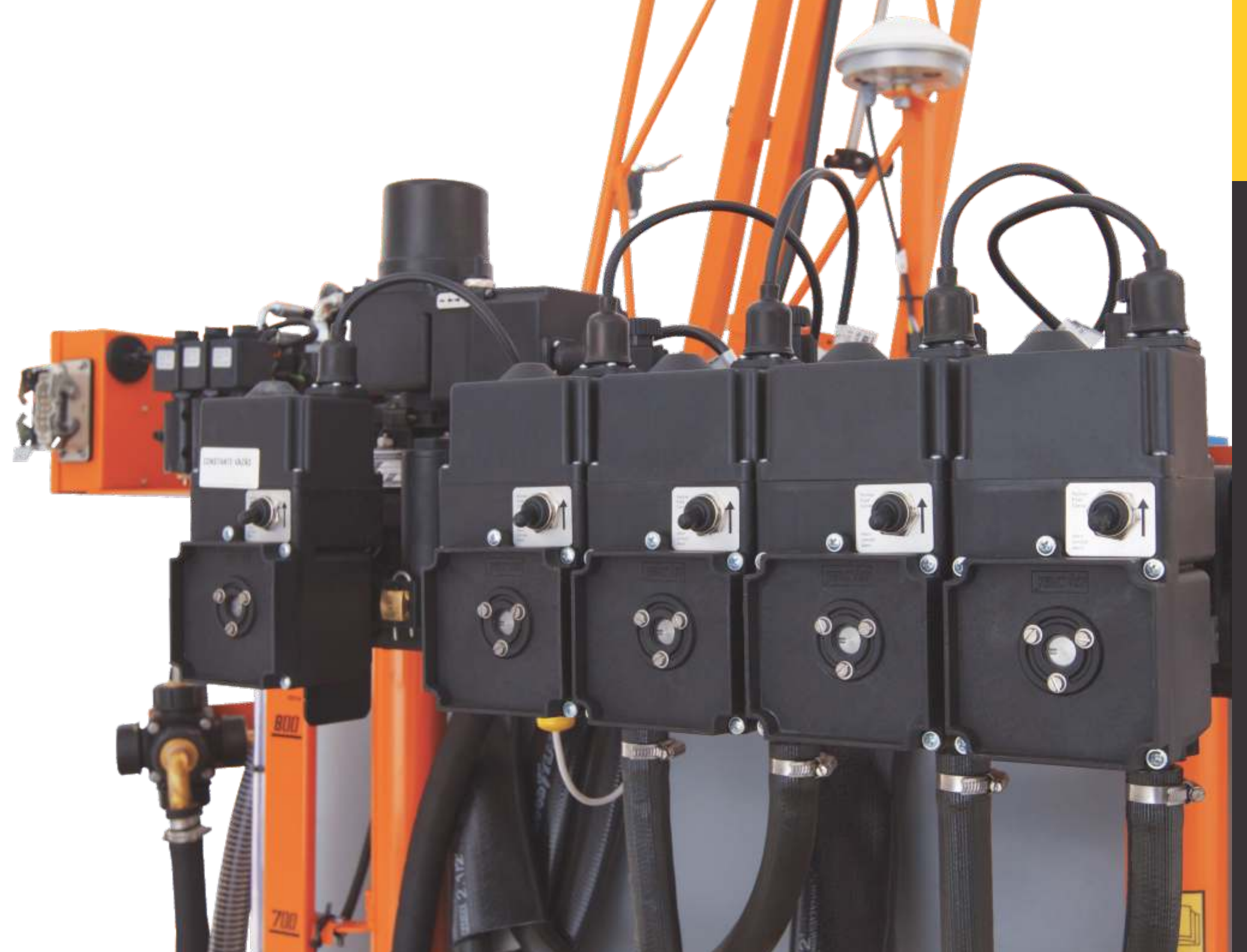
(AVAILABLE ONLY FOR TRACTORS WITH 3-DOUBLE ACTION VALVES)



Booms are activated by the hydraulic valves of the tractor. (Tractor remote control) Allows opening and closing spray nozzles through the electrical controller (JSC-5000).

Programs and keeps spraying volume (L/ha) constant even with variation in the tractor speed. Informs working time, distance traveled, liters sprayed per minute, total and partial sprayed areas and total and partial sprayed volume. Allows opening and closing spray nozzles through hydraulic actuation. Booms are activated by the hydraulic valves of the tractor. (Comando Masterflow)

** Controls available only for 800 AM models.



CONFIGURATIONS. **CONDOR LINE.**

S standard O opcional I not available	CONDOR 600 M 12	CONDOR 600 AM 12 600 AM 14	CONDOR 600 PD M 14	CONDOR 800 M 12	CONDOR 800 AM 12 800 AM 14
Monojet nozzle-holder	S	S	S	S	S
Bijet nozzle-holder	N	O	N	N	O
Bijet nozzle-holder (hose)	O	N	N	O	N
Nozzle spacing 50 cm	S	S	S	S	S
Nozzle spacing 25 cm	O	N	N	N	N
Nozzle spacing 35 cm	N	O	N	N	N
JP-75 Pump	S	S	S	S	S
JP-100 Pump	O	O	O	O	O
2-way VAR Control - actuation by manual levers	S	S	N	S	S
4-way VAR Control - actuation by manual levers	O	O	S	O	O
2-way MASTERFLOW Control - actuation by manual levers	O	O	N	O	O
4-way MASTERFLOW Control - actuation by manual levers	O	O	O	O	O
2-way MASTERFLOW Control - Hydraulic by cable	N	O	N	N	O
4-way MASTERFLOW Control - Hydraulic by cable	N	O	N	N	O
4-way Electrical MASTERFLOW Control - JEC 3000 + JEC-3700	N	N	N	N	O
4-way Electric-electronic MASTERFLOW Control Electric-electronic JSC-5000 + JEC-3700	N	N	N	N	O
Mechanical Agitator	O	O	O	O	O
Chemical mixer with chemical container rinse nozzle	N	N	N	O	O
Chemical container rinse nozzle on main tank	S	S	S	S	S
In-line filters	O	S	S	S	S
Clean water tank	N	N	N	S	S
Clean water TANK FOR HAND-WASHING	S	S	S	S	S
Conventional PTO Shaft	S	S	S	S	S
Mastermark	O	O	O	O	O
Clean Source Filler unit	S	S	S	S	S

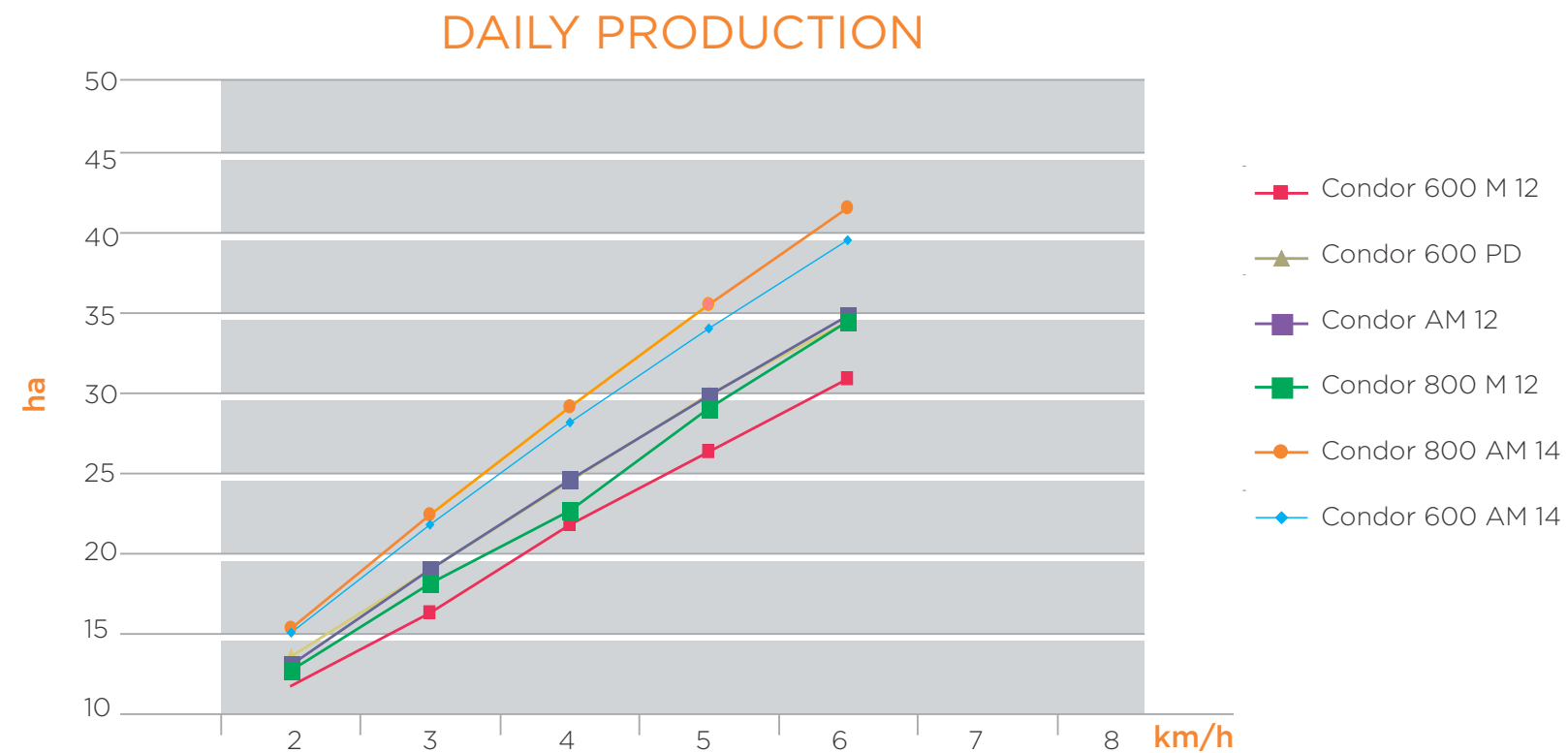
*** Otmis Technological package**











Condor 800 AM 12 (optional)

Condor 800 AM 12 (optional)

*** Available only for Electric-electronic controls**



VARIABLES FOR CALCULATION: 8-HOUR WORKING DAY / 100-L/HA SPRAYING VOLUME / 10-MINUTE TIME STOPPED FOR FILLING / OPERATIONAL PRODUCTIVITY - 70% FOR M-12 / M-14 MODELS AND 80% FOR AM-12 / AM-14 MODELS

TECHNICAL SPECIFICATIONS	CONDOR 600 M 12	CONDOR 600 AM 12	CONDOR 600 AM 14	CONDOR BX 12	CONDOR PD	CONDOR 800 M 12	CONDOR 800 AM 12	CONDOR 800 AM 14
								
Dimensions								
- Length x width x height	1.35 x 1.55 x 3.35 m	1.90 x 2.20 x 2.85 m	1.90 x 2.20 x 3.65 m	1.55 x 2.50 x 2.15 m	1.83 x 1.55 x 3.80 m	1.10 x 1.60 x 3.40 m	1.48 x 2.20 x 3.27 m	1.48 x 2.20 x 3.27 m
- Weight	255 kg	400 kg	450 kg	255 kg	275 kg	363 kg	560 kg	560 kg
Tank								
-Capacity	600 L	600 L	600 L	600 L	600 L	800 L	800 L	800 L
-Material	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene
-Agitator	Hydraulic - Mechanical (optional)	Hydraulic - Mechanical (optional)	Hydraulic - Mechanical (optional)	Hydraulic	Hydraulic - Mechanical (optional)	Hydraulic - Mechanical (optional)	Hydraulic - Mechanical (optional)	Hydraulic - Mechanical (optional)
Clean water tank								
-Capacity	12 L	12 L	12 L	12 L	12 L	30 L	30 L	30 L
-Material	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene
Pump								
-Model	JP-75/ JP-100	JP-75/ JP-100	JP-75/ JP-100	JP-75/ JP-100	JP-75/ JP-100	JP-75/ JP-100	JP-75/ JP-100	JP-75/ JP-100
-Pumping capacity	75 l/min - 100 l/min	75 l/min - 100 l/min	75 l/min - 100 l/min	75 l/min - 100 l/min	75 l/min - 100 l/min	75 l/min - 100 l/min	75 l/min - 100 l/min	75 l/min - 100 l/min
-Maximum working pressure	300 psi	300 psi	300 psi	300 psi	300 psi	300 psi	300 psi	300 psi
Chemical filter								
-Model	FVS 100	FVS 100	FVS 100	FVS 100	FVS 100	FVS 100	FVS 100	FVS 100
-Capacity	100 L / min	100 L / min	100 L / min	100 L / min	100 L / min	100 L / min	100 L / min	100 L / min
-Mesh	60	60	60	60	60	60	60	60
Booms								
-Work width	12 m	12 m	14 m	14 m	14 m	12 m	12 m	14 m
-Actuation	Manual	Hydraulic	Hidraulic	Manual	Manual	Manual	Hydraulic	Hydraulic
-Minimal / Maximum height	0.50 / 1.80 m	0.50 / 1.30 m	0.50 / 1.30 m	Up to 1.80 m	0.50 / 1.80 m	0.50 / 1.30 m	0.65 / 1.42 m	0,65 / 1,42 m
-Branches - spacing, nozzle quantity	25 cm / 47 nozzles	35 cm / 35 nozzles	35 cm / 41 nozzles	-	-	-	25 cm / 35 nozzles	35 cm / 41 nozzles
-Nozzle-holders	50 cm / 24 nozzles	50 cm / 25 nozzles	50 cm / 29 nozzles	50 cm / 25 nozzles	50 cm / 28 nozzles	50 cm / 24 nozzles	50 cm / 25 nozzles	50 cm / 28 or 29 nozzles
	Monojet / bijet	Monojet / bijet	Monojet / bijet	Monojet	Monojet	Monojet / bijet	Monojet / bijet	Monojet / bijet
Working speed								
-Maximum power consumption	2 to 6 km/h	2 to 6 km/h	2 to 6 km/h	2 to 6 km/h	2 to 6 km/h	2 to 6 km/h	2 to 6 km/h	2 to 6 km/h
	-	-	-	-	-	-	-	-
Optional items								
	Filler Unit In-line filter Foam marker	Filler Unit Foam marker	Filler Unit Foam marker	Filler Unit Foam marker	Filler Unit Foam marker	Filler Unit In-line filter Foam marker Chemical mixer	Filler Unit Foam marker Chemical mixer	Filler Unit Foam marker Chemical mixer