



Rua Dr. Luiz Miranda, 1.650 - 17580-000 - Pompeia - SP - Brazil - Tel.: +55 14 3405 2100 - Fax: +55 14 3452 1306 - E-mail: export@jacto.com.br www.jacto.com.br



PROTECT THE ENVIRONMENT. WHEN DISCARDING THIS LEAFLET, DO NOT LITTER THE STREET.



CORAL / COLUMBIA LINE

Images are for illustration purposes only and may have different optional accessories and versions. Check available settings at a dealer near you. This leaflet does not void the need to read the operator's manual closely. Jacto may change settings, versions and models offered in this leaflet at any time. 03/2015 930002170



CORAL / COLUMBIA LINE

ROBUSTNESS AND VERSATILITY TO
PROTECT YOUR CROP

Coral / Columbia line ensures protection of the crop at the right time.



CORAL B 12



CORAL AM 14



COLUMBIA CROSS



COLUMBIA AD 18



CORAL AM 14

2,000-liter tank and 14-meter hydraulic booms. More productivity and comfort to protect the crop.



CORAL B 12

2,000-liter tank and 12-meter manual booms. More economy and robustness during spraying.



COLUMBIA AD 18

2,000-liter tank and 18-meter hydraulic booms. More productivity and comfort during spraying. 200-liter water tank for cleaning.



COLUMBIA CROSS

2,000-liter tank and 18-meter semi-hydraulic booms. More economy and robustness to protect your crop.

WHEEL CONFIGURATION. CORAL / COLUMBIA LINE.

Dimensions	CORAL B 12	CORAL AM 14	COLUMBIA CROSS	COLUMBIA AD 18
- Track width	Cross 9.5 X 24: 1.55 a 1.95m 7.50 X 16 (STD): 1.40 a 1.80m 7.50 X 16: 1.83m 11L-15: 1.83m"	Cross 9.5 X 24: 1.55 a 1.95m 7.50 X 16 (STD): 1.40 a 1.80m 7.50 X 16: 1.83m 11L-15: 1.83m / 11L-15: 2.04m:	Cross 9.5 X 24: 1.55 a 1.95m cross	Cross 11.2 x 28 (STD): 1.8-2.4m 7.50 X 16: 1.83m 11L-15: 1.83m
- Axles	Simple, tandem and cross Cross 9.5 X 24: 60cm 7.50 X 16 (STD): 58cm 7.50 X 16: 55cm 11L-15: 55cm	Simple, tandem and cross Cross 9.5 X 24: 60cm 7.50 X 16 (STD): 58cm 7.50 X 16: 55cm 11L-15: 55cm 11L-15-2.04m: 55cm	Cross 9.5 X 24: 60cm	Cross, tandem
- Clearance				Cross 11.2x28: 57cm 7.50X16: 55cm 11L-15: 55cm"

WHEEL 7.5 X 16

A Available

CORAL B12
CORAL AM 14
ADJUSTABLE TRACK WIDTH



WHEEL CROSS 9.5 X 24

A Available

CORAL B12
CORAL AM 14
COLUMBIA CROSS
ADJUSTABLE TRACK WIDTH



WHEEL TANDEM 7.5 X 16

A Available

CORAL B12
CORAL AM 14



WHEEL TANDEM 11 L15

A Available

CORAL B12
CORAL AM 14
COLUMBIA CROSS
COLUMBIA AD 18



WHEEL TANDEM 11 L15 - 2.4 METROS

A Available

CORAL AM 14



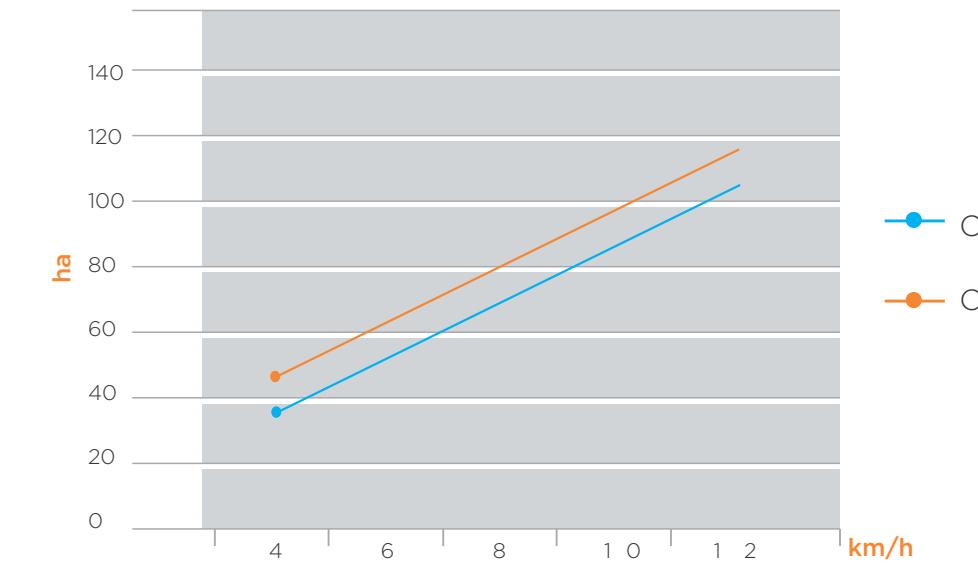
WHEEL CROSS 11.2 X28

A Available

COLUMBIA AD 18
ADJUSTABLE TRACK WIDTH



DAILY PRODUCTION



VARIABLES FOR CALCULATION: 8-HOUR WORKING DAY / 100-L/H, SPRAYING VOLUME / 10-MINUTE TIME STOPPED FOR FILLING / OPERATIONAL PRODUCTIVITY 80% (FOR COLUMBIA AD 18 MODELS) AND 70% (COLUMBIA CROSS).

COMPONENTS. CORAL / COLUMBIA LINE.

FILLER UNIT - CLEAN SOURCE (optional)



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

JP-75 / JP-100 / JP-150 * 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.

FILTERS



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

* Check availability for each model on the chart on the last page.

*Hydraulic controls available only models AM and AD

** Commands available only for models AM 14

PWIDE-ANGLE TO SHAFT (optional)



Allows operating with angles
up to 750 without turning off
the tractor PTO. Easier to operate.

NOZZLES AND HOZLE HOLDERS



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

CHEMICAL MIXER WITH CHEMICAL CONTAINER RINSE NOZZLE (OPTIONAL)



Incorporates the chemical to the 2,000-liter tank water thus preparing the
mixture in a practical and safe way and
reducing risks for the environment and
the operator.

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



More comfort to the operator.
Greater productivity.



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-WAY MASTERFLOW CONTROL - MANUAL ACTUATION



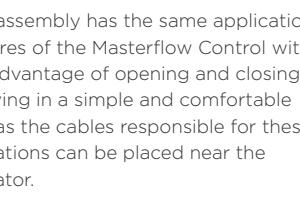
This assembly has the same application
features of the Masterflow Control with
the advantage of opening and closing
spraying in a simple and comfortable
way as the cables responsible for these
operations can be placed near the
operator.

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



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 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.
It also keeps spraying pressure constant
when one or more sections are closed
and thus ensuring a better quality finish.

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. 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.

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. It also keeps spraying
pressure constant when one or more sections are closed thus ensuring a better
quality finish.

CONFIGURATIONS. CORAL / COLUMBIA LINE.

	S standard	O optional	N Not available	CORAL B 12	CORAL AM 14	COLUMBIA CROSS	COLUMBIA AD 18
Monojet nozzle-holder				N	S	O	N
Bijet nozzle-holder				N	O	S	S
Bijet nozzle-holder (hose)				O	N	N	N
Nozzle spacing 50 cm				S	S	S	S
Nozzle spacing 25 cm				O	N	O	O
Nozzle spacing 35 cm				S	S	N	N
JP-75 Pump				O	O	S	S
JP-100 Pump				O	O	O	O
JP-150 Pump				S	S	N	N
2-way VAR Control - actuation by manual levers				O	O	N	N
4-way VAR Control - actuation by manual levers				O	O	N	N
2-way MASTERFLOW Control - actuation by manual levers				O	O	S	S
4-way MASTERFLOW Control - actuation by manual levers				N	O	O *	O
2-way MASTERFLOW Control - Hydraulic by cable				N	O	N	O
4-way MASTERFLOW by cable or Hydraulic boom				N	O	N	O
4-way Electrical MASTERFLOW Control				S	S	S	S
4-way Electric-electronic MASTERFLOW Control				O	O	S	S
Mechanical Agitator				O	S	S	S
Chemical mixer with chemical container rinse nozzle				O	O	O	S
In-line filters				S	S	S	S
Clean water tank				N	O	O	O
Water TANK FOR HAND-WASHING				O	O	O	O
Homokinetic PTO Shaft				S	S	S	S
* Otmis Technological package							
Otmis LB 1100				O	O	O	O
Otmis SC 3300				N	O	N	O

(only to JSC 5000 e JMC)

(só para JSC 5000 e JMC)

* Masterflow activated by cable and hydraulic control by hose

TECHNICAL SPECIFICATIONS

	CORAL B 12	CORAL AM 14	COLUMBIA CROSS	COLUMBIA AD 18
Dimensions				
- Length x width x height	3.80 x 1.90 x 3.60	4.60 x 2.45 x 3.84	4.50 x 2.60 x 2.60	4.50 x 2.82 x 4.70
- Tires	7.5 x 16 (STD and tandem) 9.5 x 24 (Cross axle) 11L15 (Tandem)	7.5 x 16 (STD and tandem) 9.5 x 24 (Cross axle) 11L15 (Tandem)	9.5 x 24	11.2 x 28 (Cross axle - STD) 7.5 x 16 (Tandem axle) 11L15 (Tandem axle)
- Weight	660 kg	845 kg	1160 kg	1500 kg
Tank				
- Capacity	2000 l	2000 l	2000 l	2000 l
- Material	Polyethylene	Polyethylene	Polyethylene	Polyethylene
- Agitator	Mechanical	Mechanical	Mechanical	Mechanical
Clean water tank				
- Capacity	100 l (optional)	100 l (optional)	100 l (optional)	100 l (optional)
- Material	Polyethylene	Polyethylene	Polyethylene	Polyethylene
Pump				
- Model	JP-75/100/150	JP-75/100/150	JP-100/150	JP-100/150
- Pumping capacity	75/100/150 l/min	75/100/150 l/min	100/150 l/min	100/150 l/min
- Maximum working pressure	300 psi	300 psi	300 psi	300 psi
Chemical filter				
- Model	FVS 100/200	FVS 100/200	FVS 100/200	FVS 100/200
- Capacity	100/ 200 l/min	100/ 200 l/min	100/ 200 l/min	100/ 200 l/min
- Mesh	60 / 24 / 40	60 / 24 / 40	24 / 40	24 / 40
Booms				
- Work width	12 m	14 m	18 m	18 m
- Actuation	Manual	Hydraulic	Hydraulic	Hydraulic
- Minimal / Maximum height	0.5 a 1.80m 50 cm / 24 nozzles (STD)	0.6 a 1.40 m 50 cm / 29 nozzles (STD)	0.5 a 1.3 m 50 cm / 37 nozzles (STD)	0.6 a 1.40m 50 cm / 37 nozzles (STD)
- Branches - spacing, nozzle quantity	25 cm / 47 nozzles (OPC) 35 cm / 33 nozzles (OPC) 50 cm / 23 nozzles (Export - displaced)	50 cm / 36 nozzles (displaced) 40 cm / 46 nozzles (OPT) 35 cm / 53 nozzles (OPT)	40 cm / 46 nozzles (OPT) 35 cm / 53 nozzles (OPT)	50 cm / 36 nozzles (displaced) 35 cm / 53 nozzles (OPT)
- Nozzle-holders	single/2-way	single/2-way	single/2-way (STD) 4 way	2 way (STD) 4 way
Working speed	Up to 12 km/h	up to 12km/h	Up to 12km/h	Up to 12km/h
Maximum power consumption	5/6/8 cv	5/6/8cv	5/6/8cv	5/6/8cv
Optional items	Chemical mixer - Filler unit - Lightbar - Quick hitch - Foam marker	Chemical mixer - Filler unit - Lightbar - Quick hitch - Foam marker	Filler unit - Lightbar - Foam marker - Eyebolt-type hitch	Filler unit - Lightbar - Foam marker - Eyebolt-type hitch



Filler unit - Lightbar - Foam marker
Eyebolt-type hitch - Lightbar - Quick hitch control
support pedestal S C3300 -
Section controller