



BARGAM

Sprayers Division

SPECIAL / SUPER



SUPER BDU Plus

SUPER BDL AIR

Versatility, durability and a wide range of accessories





SUPER BDL



SPECIAL BDL



SPECIAL BDU



SPECIAL BDL AIR



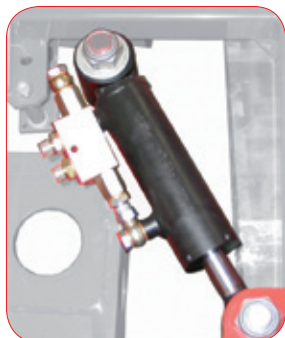
Gas accumulator on lifting piston
(◉ optional on BDU and BDU PLUS)



Rotating nozzles for internal cleaning of the main tank (◉)



Special tank agitation system



Hydraulic piston for boom inclination with locking valve (◉)

Roadworthy lights (◉)



System rinsing with check valve
(◉ Special)



System rinsing with check valve
(● Super)

Eco-friendly mixer with lowering device
(◉ Special/● Super)



Super

Special



The legs of mounted equipment can be extended and tipped (Super) to improve machine stability during unhitching phase

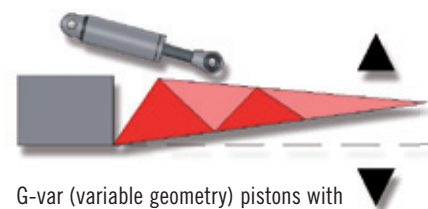
	Main tank	Clothes compartment	Dry graduated scale	Hydraulic product stirrer	Low pressure pump	Hitch to the arms of the height adjustment CAT 2 coupling kit	Hydraulic lift
SPECIAL	900 - 1100 1300 - 1600	●	●	●	130 - 160 - 180	Quick (◉)	1200
SUPER	1100 - 1300	●	●	●	180 - 250	●	1500

Special hydraulic
lift=stroke 1200mm
super lift=stroke
1500mm
(○)

Boom suspension
(○)

Electrical control unit
with control box
(○)

Hydraulic functions
Special or Super



G-var (variable geometry) pistons with
independent springs suspension for
separate inclination of each arm
(○)



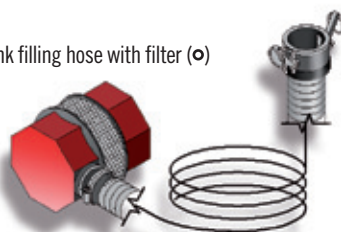
In-line filter (○)

Equipment external rinsing
(○)

Tank filling hose support (●)



Tank filling hose with filter (○)



Low-pressure
diaphragm pump



● Standard
○ Optional

Self-levelling device	Spraying boom	Control unit	H2O Computer H2O + Oil Computer	System rinsing with check valve	Hydraulic Electro-hydraulic functions	Variable geometry (G-VAR)	Air Assisted
●	●	Manual (○ Electric)	○	○	○	○	○
●	●	Electric	○	●	○ (● BDL AIR 24 and BDU PLUS)	○ (● BDL AIR 24 and BDU PLUS)	○

Hitching systems



Optional suspension on booms



Top water level checking accuracy in the tank via a dry graduated scale



The mixer user diagram is intuitive and exhaustive



Optional quick hitching for Special



The **SUPER** and **SPECIAL** mounted machines have been designed to be user-friendly and highly resistant also in hard working conditions.





Their variable geometry design enable to work on irregular grounds.



No handling or type-approval issues. All the booms installed on Super and Special mounted equipment have a maximum footprint of 2.5 m. All BARGAM mounted machines Super and Special come with a handy clothes compartment.



All BARGAM Sprayers mounted Special and Super have a convenient compartment for clothers.



Automatic hitching of the Super mounted model enables the operator to control machine hitching without having to leave his driving seat on the tractor.

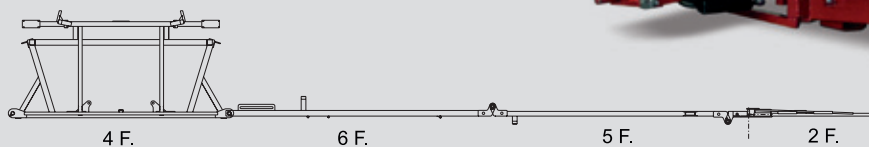




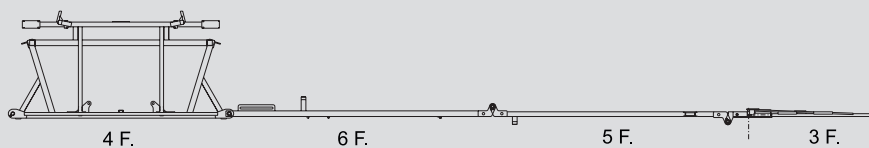
BDU



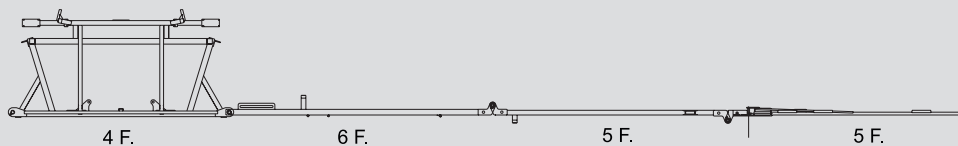
15 MT.



16 MT.

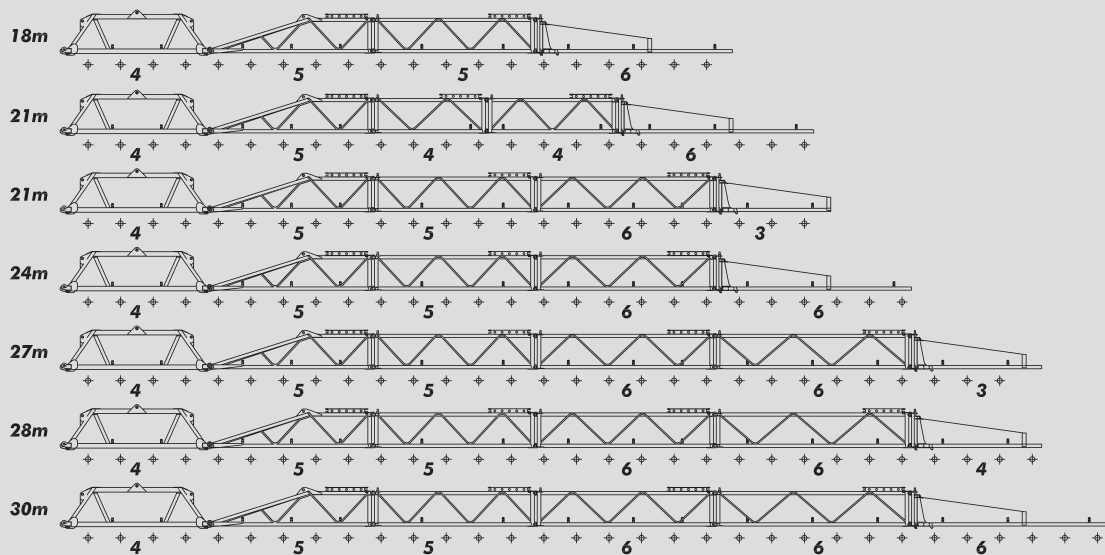
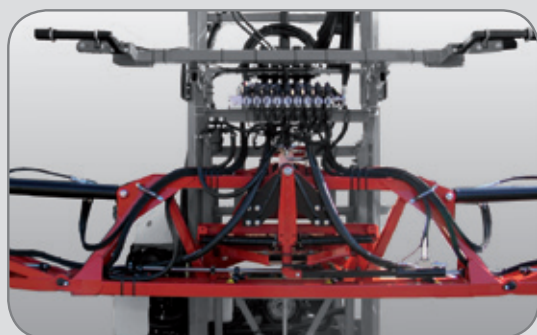


18 MT.



BDU

BDU PLUS



BDU PLUS



BDL



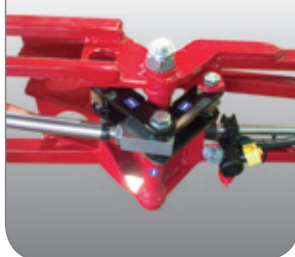
BDL

BDL NEW E



BDL

optional G-VAR



Set-up with 15 to 24 metres' booms available for Special
Set-up with 20 to 28 m booms available for Super

BDL AIR



BDLA (NEW "E" AIR)

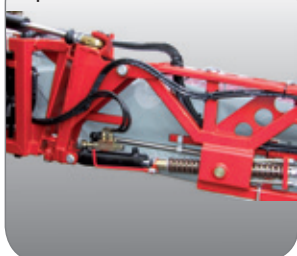


BDL AIR

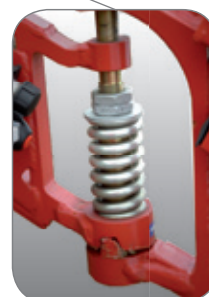


BDLA

optional G-VAR



Set-up with 12 to 21 metres' booms available for Special
Set-up with 18 to 24m boom available for Super



Electronic devices



The range of Spray Computers and the available functions



Standard



S-Plus



Bargam

Eco Terminal



Water sections
max

Hydraulic sections
max



Standard

7

-



S-plus

7

4
sing.



Bargam

9

9



Eco terminal

9

11





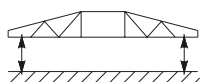
The use of electronic devices is significantly important to enable an automatic and accurate homogeneous chemical application and to avoid waste. The right choice of an electronic control device ensures considerable economical and practical advantages. For its land working machines, BARGAM has always offered the best solutions available worldwide, in order to meet the needs of its customers.

Every **Spray Computer** (see table below) can control the quantity (l/ha) sprayed on the area being treated.

If the spray rate is pre-set, the Computer monitors automatically the pressure in relation to the current speed to ensure a constant spray. Also in case of partial closure of the boom sections, the computer maintains a homogeneous spray.

The Spray Computer shows the following machine data:

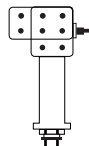
- spray liquid liter/hectare
- spray liquid liter/minute
- spray liquid liters
- total spray liquid liters
- treated area
- total treated area
- current speed
- total covered distance



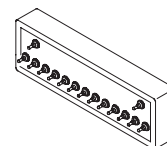
Electronic boom leveling



Analog camera Color display



Joystick to carry out the functions of the Spray Computer Separate



keyboard for the water control

○	○	○	○
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○ optional



Centerline 220



Track Guide with maps

Satellite guide monitor with external receiver

They are easily installed on every kind of tractor regardless of the water control system installed on the sprayer.



Water system

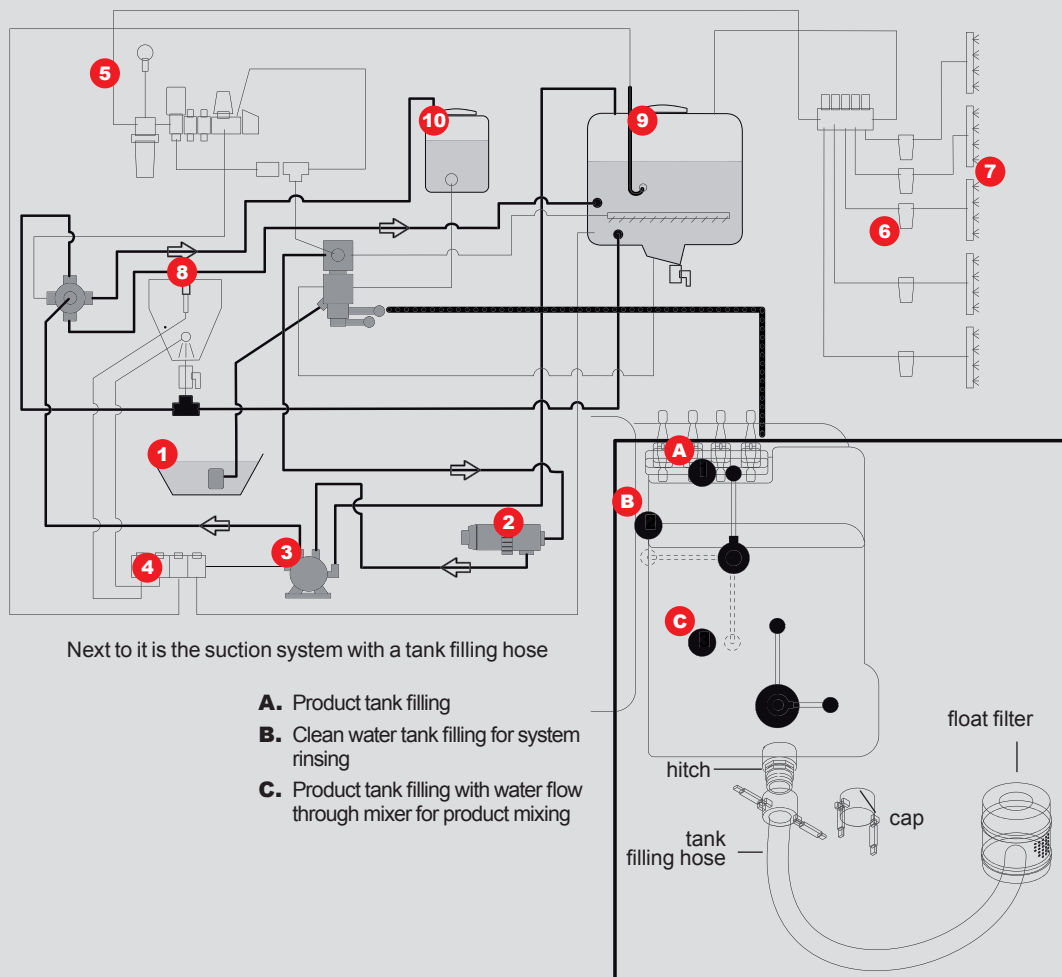
Water system

"Traditional" water system design. Already complete in its basic configuration, it can be completed with accessories upon request.

Bargam engineers have optimised the piping and components in order to ensure the highest water flow rate with minimised end residues.

Optional on request: water system complete with recirculation to prevent pipe scaling and ensure immediate, simultaneous opening and closing of all nozzles on the boom.

1. Suction
2. Suction filter
3. Low pressure pump
4. Mixer taps and fittings
5. Control unit
6. In-line filters
7. Sections
8. Mixer
9. Main tank
10. Clear water tank





The AIRASSISTED system is suitable for BDLAIR BOOMS

Advantages

This device makes it possible to work also in 6/8 mVsec strong winds, making the machine less dependent on surrounding weather conditions. Drift is minimized to virtually zero levels (reduced by 90% in most treatment cases).

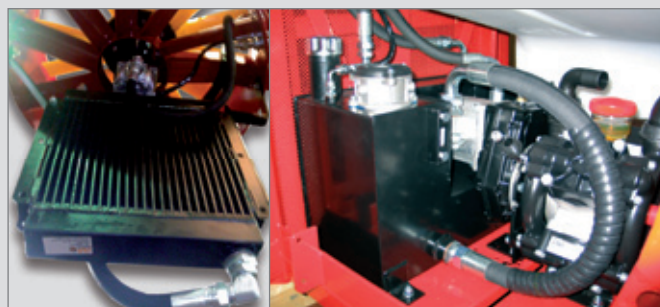
An air thrust up to 32 mVsec ensures good penetration also in tall crops or thick foliage crops.

3cm spraying is increased by as much as 8/10 times, enhancing the effectiveness of the delivered products; this enables to reduce the cost of chemicals by 30/50%.

By reducing the litres per hectare used, the machine working range dramatically increases, resulting in time and money savings. The AIR- ASSISTED flow control system can also be used when only half of the boom is unfolded. The air flow/air rate can be adjusted from the driver's control seat. Working without air is also a possibility.



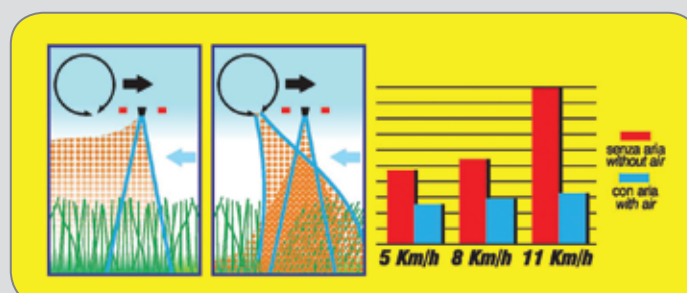
AIRASSISTED system on Super mounted



BDL A Turbine cooler

BDL A Oil tank

AIRASSISTED effect on drift at different travelling speeds.



AIRASSISTED



SPECIAL



SUPER

		BDU			BDL							BDU PLUS							BDL AIR									
		15	16	18	15	16	18	20	21	24	27	28	18	20	21	24	27	28	30	12	15	16	18	18,5	19	20	21	24
SPECIAL	900	●	●	●	●	●	●	●	●	●										●	●	●	●	●	●	●	●	●
	1100	●	●	●	●	●	●	●	●	●										●	●	●	●	●	●	●	●	●
	1300	●	●	●	●	●	●	●	●	●										●	●	●	●	●	●	●	●	●
SUPER	1100				●	●		●	●	●	●	●	●	●	●	●	●	●					●	●		●	●	●
	1300				●	●		●	●	●	●	●	●	●	●	●	●	●					●	●		●	●	●
	1600				●	●		●	●	●	●	●	●	●	●	●	●	●					●	●		●	●	●

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