



BARGAM

Sprayers Division

SPECIAL / SUPER



SUPER BDU Plus

SUPER BDL AIR

Versatility, durability and a wide range of accessories





SUPER BDL



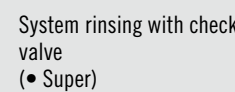
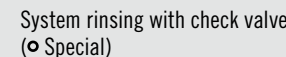
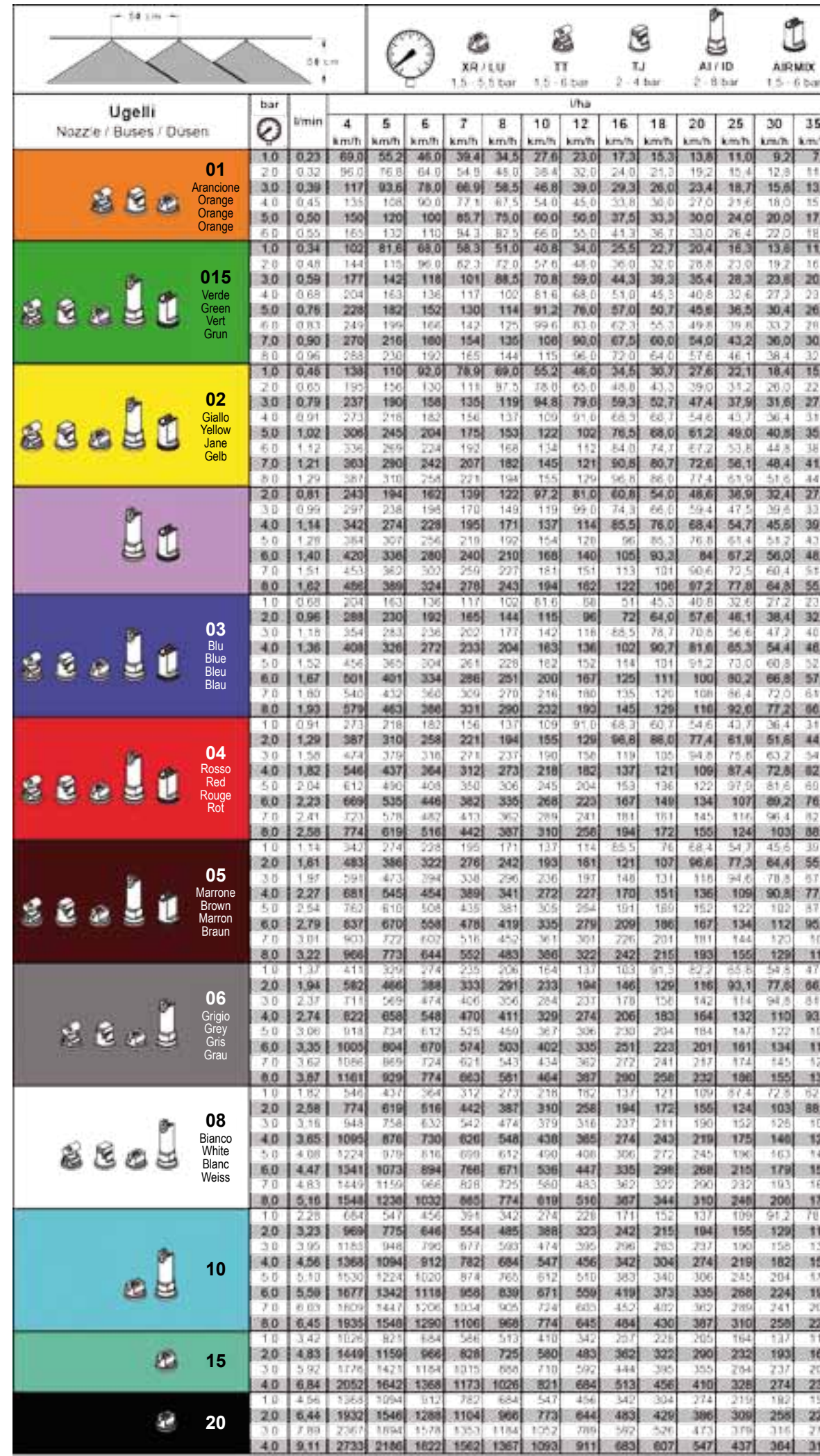
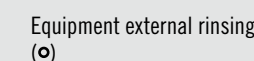
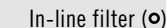
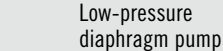
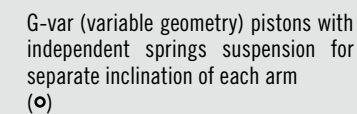
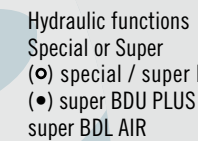
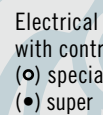
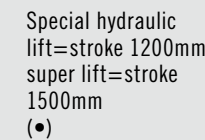
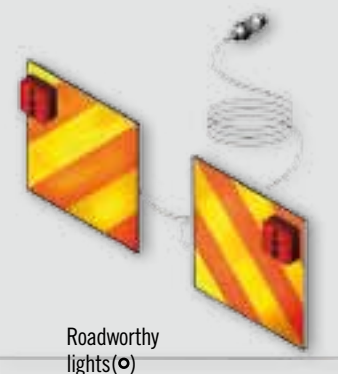
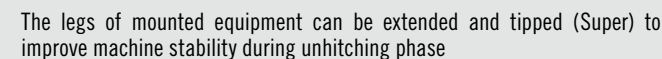
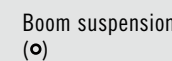
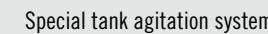
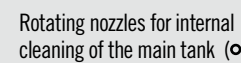
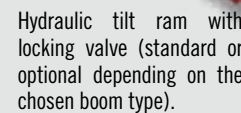
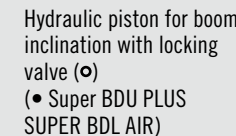
SPECIAL BDU



SPECIAL BDL



SPECIAL BDL AIR



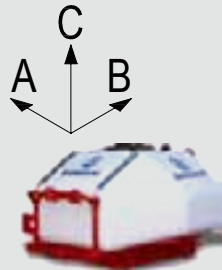
	Main tank	Clothes compartment	Dry graduated scale	Hydraulic product stirrer	Low pressure pump	Hitch to the arms of the height adjustment CAT 2	Hydraulic lift
SPECIAL	900 - 1100 - 1300	●	●	●	130 - 160 - 180	Quick (O)	1200
SUPER	1100 - 1300 - 1600	●	●	●	180 - 250	●	1500

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)	○



Additional tank **FRONTAL**



FRONTAL		1100
	A (mm)	1900
	B (mm)	1400
	C (mm)	1100
	Kg	195



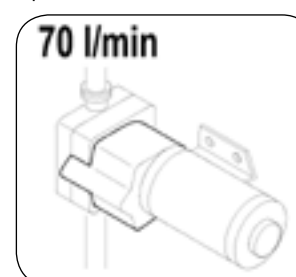
BARGAM „FRONTAL“ is an additional tank which is mounted on the front part of the tractor through a three-point linkage or a special frame (optional).

It is positioned in place of the ballast which is usually used to balance the weight of a big sprayer mounted on the tractor rear side. The FRONTAL tank provides an additional liquid reserve (1100 liters), reducing the work breaks for water supply. Moreover, the FRONTAL dry level gauge, visible from the tractor cab, works also as an air output and avoids that water comes out during work.

In both cases, FRONTAL reduces operating costs and environmental impact.

The headlights on the front side (optional) provide higher visibility during night work.

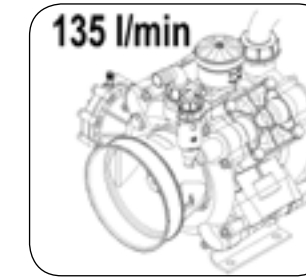
Optional - water device with:



Electrical pump



Centrifugal pump



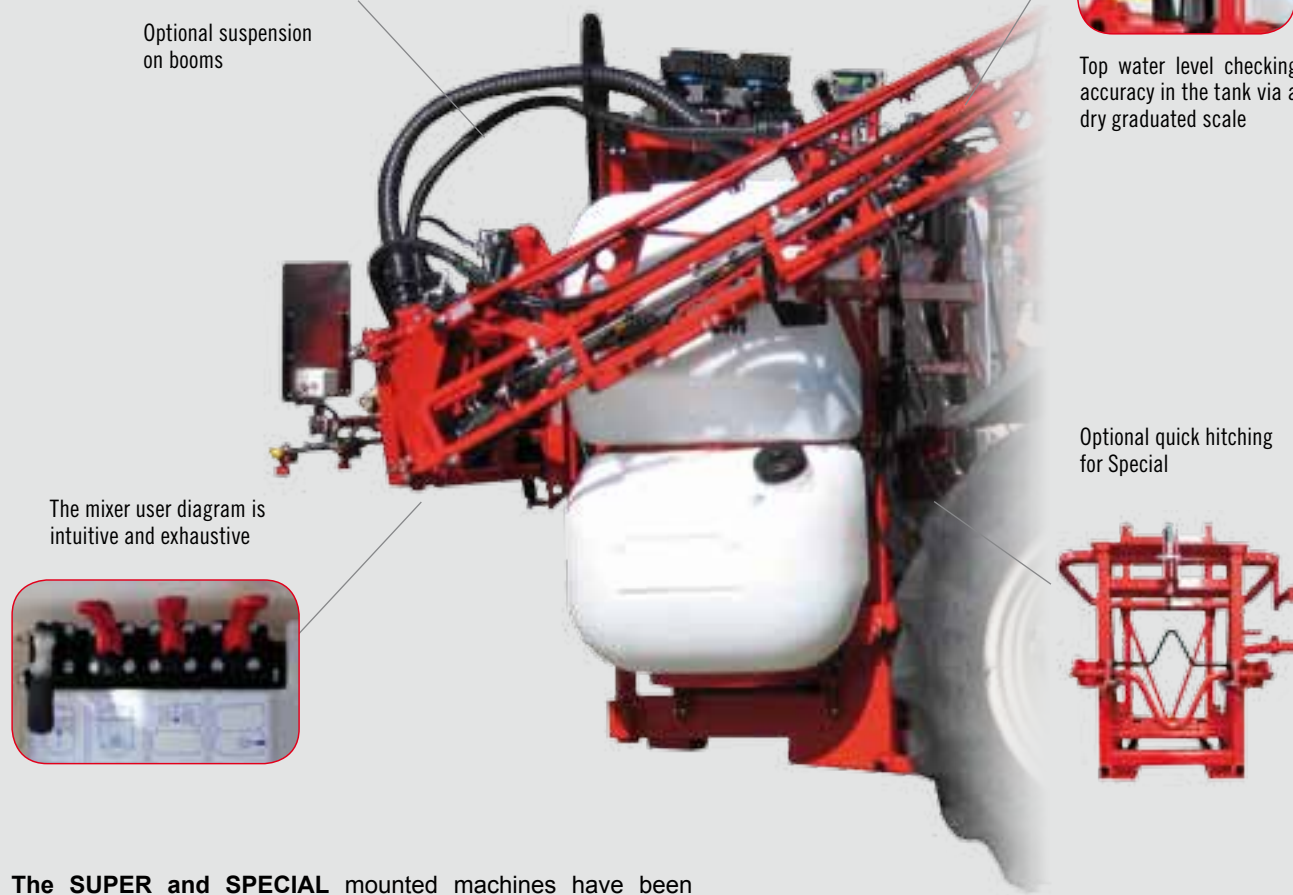
Diaphragm pump



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 clothes.



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



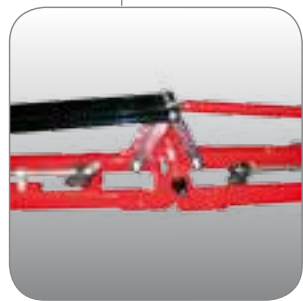
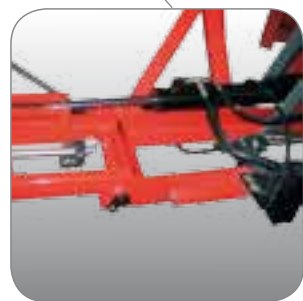
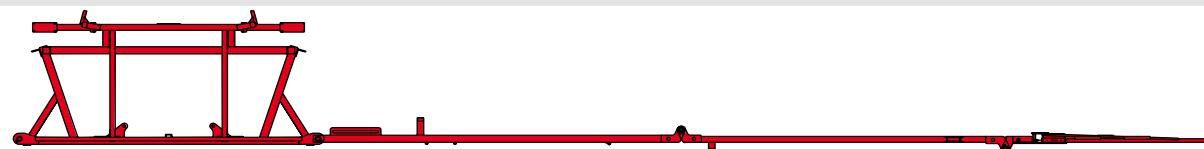
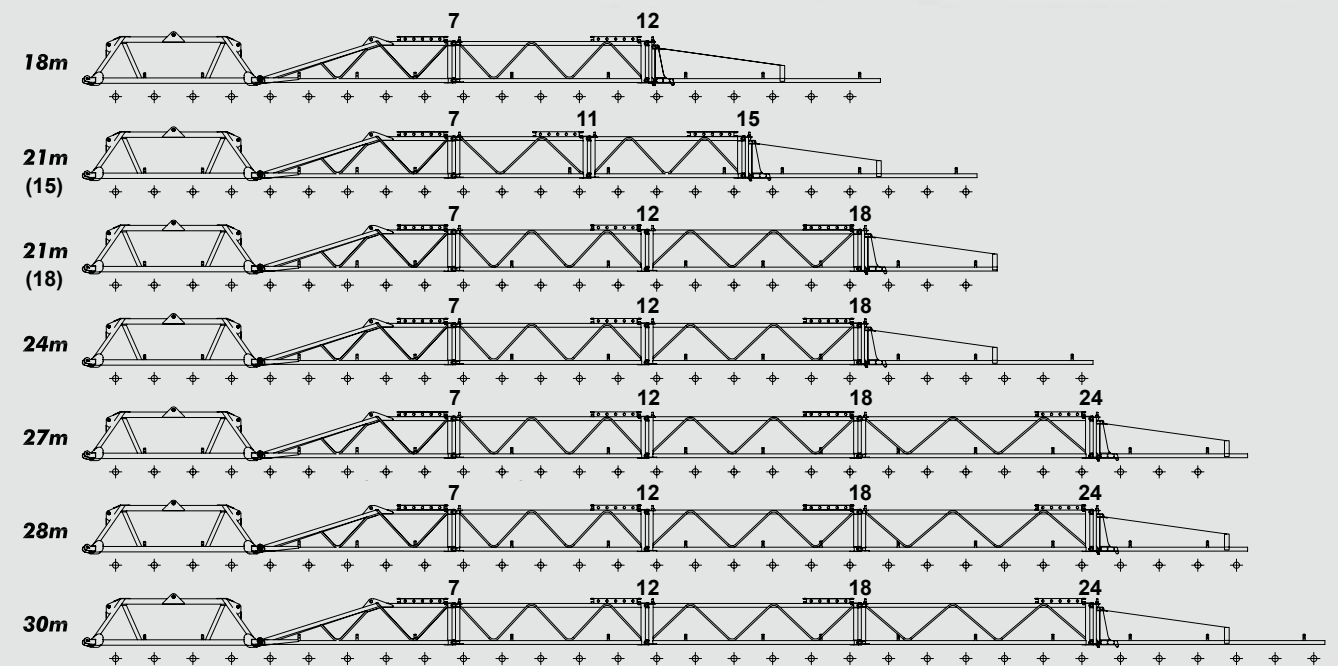
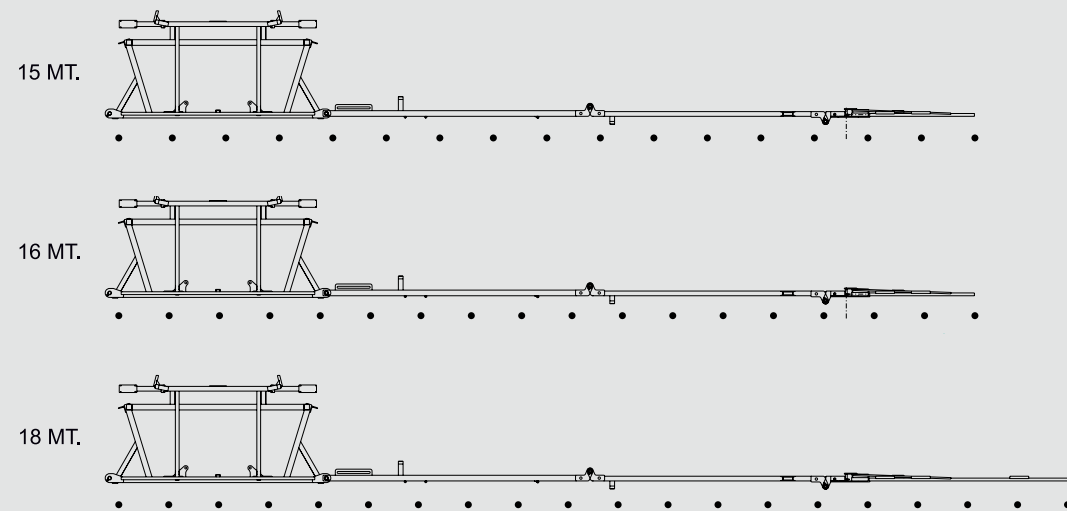
BDU



BDU PLUS



BDU PLUS





BDL



BDL

BDL NEW E



optional G-VAR

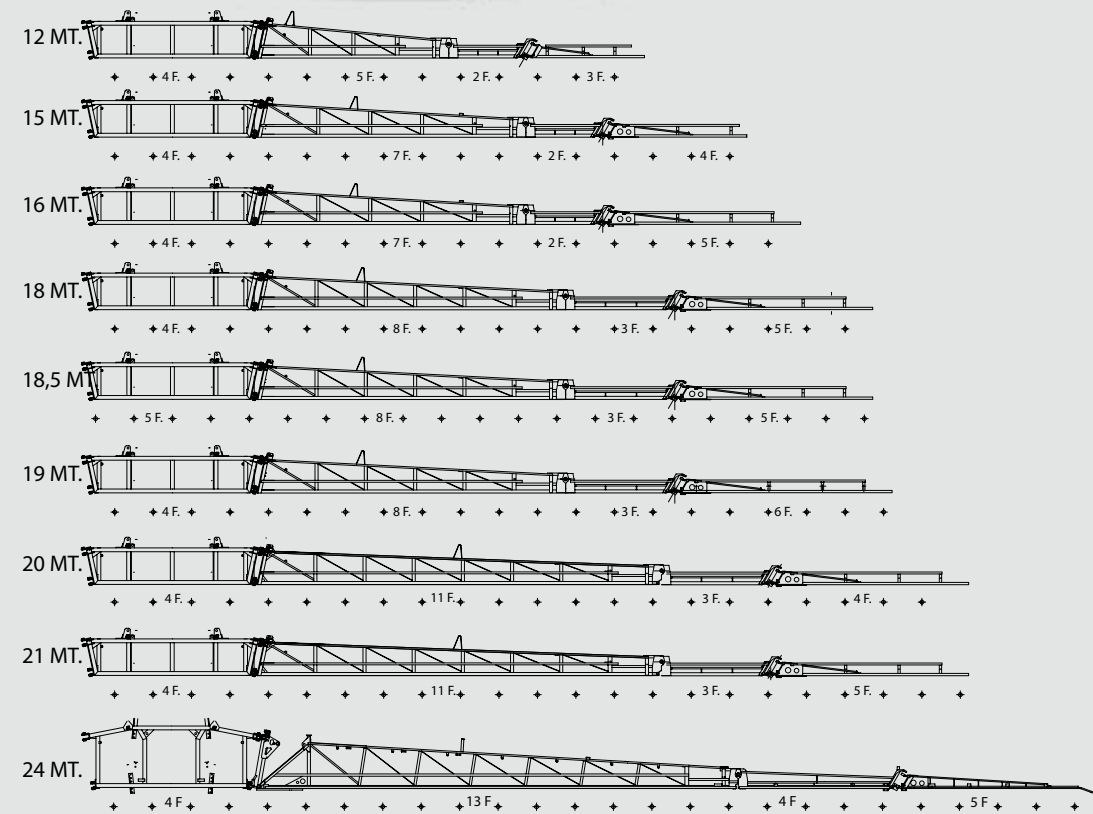
BDL

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



BDL AIR

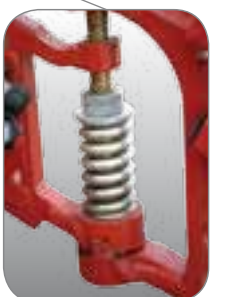
BDL NEW E "AIR"



optional G-VAR

BDLA

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



BDL AIR



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.

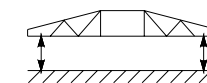
If the spray rate is pre-set, the Computer monitors automatically the pressure in relation to the current speed to ensure a constant spray. Also in case of partial closure of the boom sections, the computer maintains a homogeneous spray.

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

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

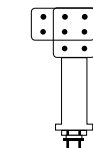
		Water sections max	Hydraulic sections max
	Standard	7	-
	S-plus	7	4 sing.
	Bargam	9	9
	Eco terminal	9	11



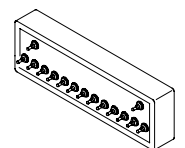
Electronic boom leveling



Analog camera Color display



Joystick to carry out the functions of the Spray Computer Separate



keyboard for the water control

○	○	○	○

○ optional



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.

Centerline 220

Track Guide with maps



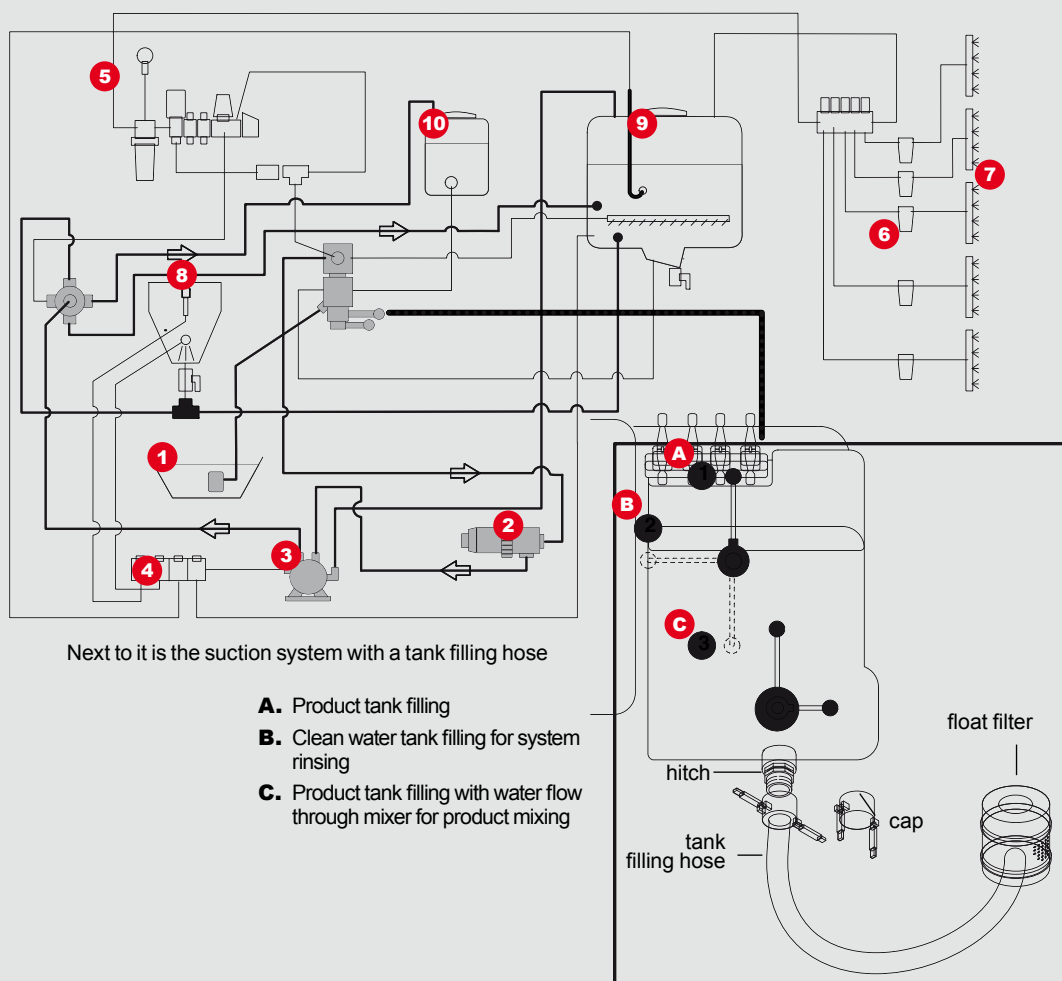
Water system

"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.



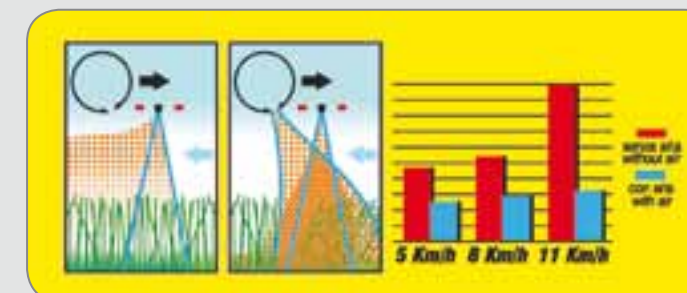
AIRASSISTED system on Super mounted



BDL Air Turbine cooler

BDL Air Oil tank

AIRASSISTED effect on drift at different travelling speeds.





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	20	21	24					
SPECIAL	900	•	•	•	•	•	•	•	•	•									•	•	•	•	•	•	•	•	•	•	•		
	1100	•	•	•	•	•	•	•	•	•									•	•	•	•	•	•	•	•	•	•	•		
	1300	•	•	•	•	•	•	•	•	•									•	•	•	•	•	•	•	•	•	•	•		
SUPER	1100				•	•	•	•	•	•	•	•	•	•	•	•	•	•								•	•	•	•	•	•
	1300				•	•	•	•	•	•	•	•	•	•	•	•	•	•								•	•	•	•	•	•
	1600				•	•	•	•	•	•	•	•	•	•	•	•	•	•								•	•	•	•	•	•

Imola (BO)



Imola (BO)

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