

Ground crops

Mounted
sprayers

ALTO®

300 L

400 L

600 L

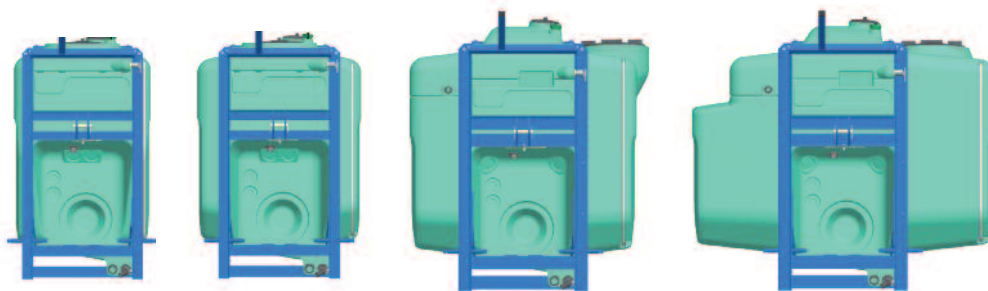
800 L

BERTHOUD®

ALTO :

> Main tank

High-density polyethylene main tank, capacity 300, 400, 600 and 800 lt + 5 % to avoid overflowing. The tank has a diamond-shaped bottom to avoid residues.



> Integrated tanks

For a very compact design the rinse tank, 40 lt for the 300 and 400 lt versions and 80 lt for the 600 and 800 lt versions, and the 15 lt hand wash tank have been completely integrated.



ALTO 300 and ALTO 400 are so compact, that they easily fit the size of small tractors

> Operation

All the operating valves are grouped together on the left side of the machine.



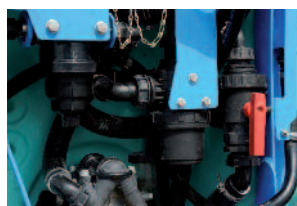
> Pumps

The standard ALTO is fitted with a piston diaphragm pump 60 l/mn or 105 l/mn depending on the model.



> Triple filtration

The standard features of the ALTO include a filling filter (8/10 mesh), a suction filter (6/10 mesh) and a pressure filter (4/10 mesh)



> Filling

Hydro injector with anti pollution device to avoid return of chemicals (not for ALTO 300)



100 % tuned

ALTO®

> Booms

ALTO can be delivered with or without boom :

- Without boom for the constant pressure version, with 1 or 2 hose reels for precise application
- With booms from 7 to 15 m with rear folding for both regulations
- With 1 hose reel and a boom for both regulations



> Regulations

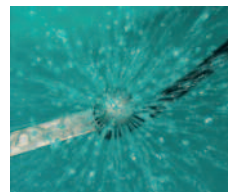
ALTO is available with the constant pressure and the DPM regulation (ALTO Plus) :

- Constant pressure from 300 to 800 lt. Standard manual or optional electric sections control
- DPM for ALTO Plus 600 and 800 lt. Standard manual valves. Optional : electric main shut-off valve, in-cab vol/ha control and VEC



> Rinse tank

In accordance with environment norm EN12761, the 40 or 80 lt rinse tanks together with the optional Lav'ton (1 for 300/400 version, 2 for 600/800 version) allows efficient rinsing of the inside of the tank.



> Mixing

ALTO can be fitted with an optional suction stick or an independent chemical funnel with wheels, rinsing circuit and can wash.



> Can wash

Situated in the filling filter, a rinse nozzle controlled by a handle, allows to rinse cans



> Hand wash tank

15 lt hand wash tank



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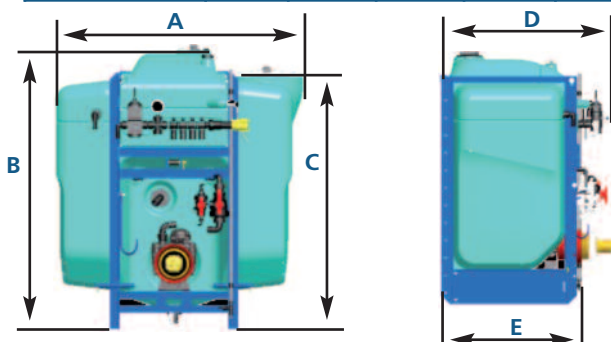
> Technical features ALTO

X	standard
O	option
	not available

	ALTO 300	ALTO 400	ALTO 600		ALTO 800	
	Constant pressure	Constant pressure	Constant pressure	DPM	Constant pressure	DPM
3 point hitch	X	X	X	X	X	X
Booms						
TLP 7	X	X				
GC 9	X	X	X	X	X	X
ECO 9	X	X	X	X	X	X
ECO 12			X	X	X	X
XRT 12			X	X	X	X
XRST 12			X	X	X	X
XRSV 12				X		X
RA 12				X		X
RA 12 AST				X		X
Without boom						
1 hose reel	O	O	O		O	
2 hose reels	O	O	O		O	
One hose reel and a boom	O	O	O	O	O	O
Pumps						
BP 60/20	X	X	X		X	
BP 105/20			O	X	O	X
Spraying						
Gauge with translucent hose	X	X	X	X	X	X
Triple filtration	X	X	X	X	X	X
Filling with hydro-injector		O	O	O	O	O
Manual valves	X	X	X	X	X	X
Electrically controlled sections	O	O	O		O	
VEC				O		O
Electrically operated main shut-off valve				O		O
DP Elec (electrically operated pressure control valve)				O		O
Mixing						
Filling stick	O	O	O	O	O	O
Independent chemical funnel on wheels	O	O	O	O	O	O
Can wash in the filling filter (not with chemical funnel)	O	O	O	O	O	O
RINSING						
Rinse tank	X	X	X	X	X	X
Tank rinsing	O	O	O	O	O	O
Hand wash tank	X	X	X	X	X	X

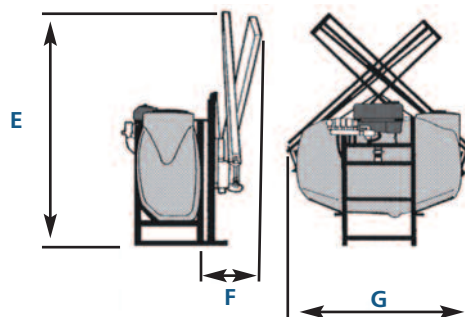
> DIMENSIONS ALTO WITHOUT BOOM

in meters	A	B	C	D	E
ALTO 300	0,75	1,30		0,88	0,7
ALTO 400	0,9	1,30		0,88	0,7
ALTO 600	1,25	1,42	1,30	1	0,78
ALTO 800	1,60	1,42	1,30	1	0,78



> DIMENSIONS ALTO WITH BOOM

in meters	booms									
sprayers		TPL 7	GC 9	ECO 9	ECO 12	XRT 12	XRST 12	XRSV 12	RA 12	RA 12 AST
ALTO 300 ALTO 400	E	1,75	1,75	1,30						
	F	0,50	0,50	0,50						
	G	2,10	2,10	2,49						
ALTO 600 ALTO 800	E		1,75	1,42	1,42	3,2 maxi - 2,24 mini			2,50	
	F		0,50	0,50	0,60	0,70			0,66	
	G		2,10	2,49	2,49	2,31			2,50	



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