

HELIUM BROCHURE








 **ARLAND**
Pulvérisation

 www.arland-pulverisation.fr

Pump

- ❖ Diaphragm Pump
- ❖ Model: PM140 (140L / Min) / PM170 (170L / Min) PM200 (200L / Min)

Frame

- ❖ Welded
- ❖ Stainless steel Bolts
- ❖ Retractable stands

Implementation

- ❖ Centralized valves next to induction hopper
- ❖ Induction hopper: 40L with telescopic drum rinsing and rinsing nozzle for tank
- ❖ Filtration: main suction filter 1" 1/2 + 1 filter for boom section

Coupling

- ❖ Automatic
- ❖ PTO Shaft



Machine Regulation

- ❖ DPME or DPAE
- ❖ Controller: MODULO / GEMINI / GENIUS+ XENIUS / ISOBUS (T800 and T1200)
- ❖ Pressure gauge: graduated scale

Various

- ❖ Road signs (lighting)
- ❖ Width: 2.20m

Tank

- ❖ ***Tank Capacity's: 800L / 1000L / 1300L / 1500L***
- ❖ Gauge: float with direct reading by cursor
- ❖ Rinsing tank: 130L
- ❖ Hand wash tank: 10L
- ❖ Rinsing: 1 360 Degree rinse head



Helium

800 – 1000 – 1300 - 1500



HELIUM 800

HELIUM 1000

HELIUM 1300

HELIUM 1500

COMMON OPTIONS		€ ex vat
CAMERA (ONLY ON XENIUS) T800 AND T1200		595
STORAGE BOX		205
WORK LIGHTS LED 2 ON THE BOOM		285
4 ON THE BOOM		540
WASHING KIT-REEL WITH 15M AND LANCE		465
BEACON		85
AUTOMATIC COUPLING		-200
SUCTION PIPE 5M WITH FOOT FILTER		170
CONTINUOUS CIRCULATION SY1		1275

PRICE LIST CHASSIS + TANK

							ISOBUS	
REGULATING		MODULO	GEMINI	GENIUS	GENIUS+	XENIUS	T800	T1200
HELIUM 800L WITHOUT BOOM	PUMP PM140	6300	6526	7299	8020	9215	10915	13215
	PUMP PM170	6732	6959	7731	8452	9647	11347	13647
	PUMP PM200	7041	7268	8040	8761	9956	11656	13956
HELIUM 1000L WITHOUT BOOM	PUMP PM140	6408	6635	7407	8128	9323	11023	13323
	PUMP PM170	6841	7067	7840	8561	9755	11455	13755
	PUMP PM200	7150	7376	8149	8870	10064	11764	14064
HELIUM 1300L WITHOUT BOOM	PUMP PM140	6645	6871	7644	8365	9560	11260	13560
	PUMP PM170	7077	7304	8077	8798	9992	11692	13992
	PUMP PM200	7386	7613	8386	9107	10301	12001	14301
HELIUM 1500L WITHOUT BOOM	PUMP PM140	7984	8210	8983	9704	10899	12599	14899
	PUMP PM170	8416	8643	9416	10137	11331	13031	15331
	PUMP PM200	8725	8952	9725	10446	11640	13340	15640



The induction hopper is integrated into the chassis and protected against projections.

This housing integrates the footstep which allows access at the Tank.



OPTIONS	€ ex vat
BASE T800: ISOBUS PACK ARLAND (WITHOUT TERMINAL) FOR TRACTORS EQUIPPED WITH ISOBUS TERMINAL	-1150
BASIC ISOBUS EQUIPMENT (FOR TRACTORS NOT EQUIPPED WITH ISOBUS)	395
ISOBUS EQUIPMENT (FOR TRACTORS EQUIPPED WITH ISOBUS)	120
SPEED SIGNAL ADAPTER (7 PIN PLUG TRACTOR)	80
2 ND TRACTOR EQUIPMENT – POWER CABLE 12V	170
2 ND TRACTOR EQUIPMENT EXTRA SPEED SENSOR FOR DPAE	280
SPEED SENSOR WITH GPS ANTENNA 5HTZ FOR DPAE	765
ELECTRONIC GAUGE – DISPLAYS ON GENIUS AND XENIUS WITH AUTO STOP	1800
ELECTRONIC GAUGE WITH ELECTRICAL GYRO WASHERS, AUTO STOP FOR FILLING AND TANK WASHING FROM THE TRACTOR CAB (GENIUS + XENIUS)	2380
TANK WASHING FROM THE CAB: ELECTRIC SUCTION VALVE + GYRO WASHERS ELEC, (GENIUS, GENIUS+, XENIUS) WITHOUT ELECTRONIC GAUGE	1495
3 POSITION SWITCH FOR SUCTION VALVE FUNCTION	250
TANK CONTROL: ELECTRONIC GAUGE + AUTO STOP VALVE + GYRO WASHERS ELECTRIC (DISPLAYS ON T800, T1200)	2450
3 POSITION SWITCH FOR SUCTION AND FILLING VALVE	250
COMMANDO VE CONTROL BOX FOR INDEPENDENT SECTION CONTROL	845
AUTOMATIC SECTION CONTROL GPS – ANTENNA 10HZ (FOR GENIUS, GENIUS+, XENIUS)	2995
COMPATIBLE INTERFACE SECTION CONTROL WITH GUIDANCE BAR	940
GUIDANCE BAR ON XENIUS (WITH CAB SUPPORT + 12V PLUG)	1120
2 ND TRACTOR EQUIPMENT – GPS MOUNTING PLATE	50
HARNESS FOR SPEED INFORMATION ON GUIDANCE BAR	195
DOSING MODULATION (ONLY ON XENIUS) FORMAT SHAPE	780
S-BOX CONTROLLER FOR INDEPENDENT SECTION CONTROL FROM 5 TO 11 SECTIONS	390
AUTOMATIC SECTION CUT OFF WITH GPS/GLONASS SMART 6L (REQUIRES GUIDANCE BAR TRACKLEADER)	2400
GUIDANCE BAR TRACKLEADER	895
DOSING MODULATION (FORMAT SHAPE) REQUIRES AUTO SECTION CONTROL + GUIDANCE BAR	725
DOSING MODULATION (FORMAT ISO XML) ONLY ON T1200 REQUIRES AUTO SECTION CONTROL + GUIDANCE BAR	920
PRINTER (TICKET PRINTER)	720

ISOBUS



The main filter is accessible near the outer suction pipe

The boom is equipped with a filter on each section.



HELIUM SPRAYER BOOMS

HELIUM ACS BOOMS



The ACS Boom is available in two widths: 15 and 18 m.

This steel boom is mounted on a sliding frame equipped with a suspension.

As standard, stainless steel piping is equipped with monojets and can be equipped with optional trijets. This vertical folding ramp can optionally benefit from hydraulic decoupling right left.

HELIUM ALC BOOMS



Nozzle protection



The ALC Boom is an aluminum boom with three widths: 18, 21 and 24 m.

This boom is mounted on a sliding frame equipped with a nitrogen suspension. Each boom arm is equipped with shock absorbers and anti-whipping is hydro-pneumatic as standard.

Concerning the spraying, the pipelines are made of stainless steel and the quadrijets as well as the nozzles

are protected across the width of the boom thanks to the folded sheet structure.

THE DISTRIBUTION OF NOZZLES FOLLOWING THE BOOM WIDTH

ALC3 - 18 m



ALC3 - 21 m



ALC4 - 21 m



ALC4 - 24 m



Helium 1000 L ALC3 18 m
(3 M arms)



Helium 1300 L ALC3 21 m
(3 M arms)



Helium 1300 L ALC4 21 m
(4 M arms)

PRICE LIST BOOMS

Price list booms ALC (Hydraulic boom Aluminum)

Widths: 18, 21 and 24m

WITHOUT NOZLES OR NUTS

Quadrijets with anti-drip on stainless steel piping, Filter on each section

Suspension hydro-pneumatique and Pendulum sliding frame

Hydraulic tilt corrector

BOOMS WITH HYDRAULIC SELECTORS 3 FONCTIONS: PENDULUM FRAME, TRACTOR EQUIPMENT 1 SA + 1 DA – WITHOUT NOZLES AND NUTS	€ ex vat
Aluminum Boom ALC3 18 – 3 arms – 7/12/18 – tilt corrector - 4 sections	19940
Aluminum Boom ALC3 21 – 3 arms – 8/14/21 – tilt corrector - 5 sections	20355
Aluminum Boom ALC4 21 – 4 arms – 7/12/18/21 – tilt corrector - 5 sections	21340
Aluminum Boom ALC3 24 – 4 arms – 8/14/21/24 – tilt corrector - 6 sections	21760
Independent locking (only Genius, Genius+ and Xenius)	230
Decoupled outer arm (only Genius, Genius+ and Xenius) Provide independent locking	410
Decoupled center arm (only Genius, Genius+ and Xenius) Provide independent locking + outside decoupling	410
Monojets replacing Quadrijets (per meter of boom)	-9€/M
Additional ramp section (GEMINI 6 Section and MODULO 8 section max)	307

BOOMS WITH ELECTRONIC DISTRIBUTORS 5 OR 6 FONCTIONS: (ED5 OR ED6) TRACTOR EQUIPMENT 1 SA + 1 – WITHOUT NOZLES AND NUTS	€ ex vat	
	ED5	ED6
Aluminum Boom ALC3 18 – 3 arms – 7/12/18 – tilt corrector - 4 sections	21905	20355
Aluminum Boom ALC3 21 – 3 arms – 8/14/21 – tilt corrector - 5 sections	22320	21340
Aluminum Boom ALC4 21 – 4 arms – 7/12/18/21 – tilt corrector - 5 sections	23520	21760
Aluminum Boom ALC4 24 – 4 arms – 8/14/21/24 – tilt corrector - 6 sections	23945	230
Decoupled central arms (7 th function)		410
Multifunction joystick + commando ED (for Genius, Genius+ and Xenius)		1575
Additional ramp section (GEMINI 6 Section and MODULO 8 section max)		307
Joystick for terminal T800 and T1200 (Manages hydraulics ED + Spraying)		130
Joystick (manages hydraulics ED + Spraying (for tractors equipped with ISOBUS plug CPC 9 PINS)		100
Distance control 1: Automatic boom control: height + tilt (only on electric distributors)		1950
Distance control 2: Automatic boom control: height + GV (Positive) only with electric distributors		2995

ISOBUS

Price list booms ACS (Hydraulic Steel boom)

Widths: 15 and 18m

Central frame with mechanical suspension

Boom lift hydraulic (1 single acting)

Hydraulic opening of booms (1 Double acting)

4 Sections

WITHOUT NOZLES OR NUTS

Monojets with anti-drip on stainless steel piping, Filter on each section

Hydraulic tilt corrector

BOOMS WITH HYDRAULIC SELECTORS 2 FONCTIONS TILT CORRECTION + BOOM FOLDING, TRACTOR EQUIPMENT 1 SA UP/DOWN + 1 DA FOR UNFOLDING	€ ex vat
Steel Boom ACS 15 – tilt corrector - 4 sections	11500
Steel Boom ACS 18 – tilt corrector - 4 sections	12010
Trijets replacing Monojets	18€/m
Additional ramp section (GEMINI 6 Section and MODULO 8 section max)	307
Decoupling left / right	325

Price list booms ACM (Manual Steel boom)

Widths: 12 and 15m

Central frame with suspension

Boom lift hydraulic (1 single acting)

4 Sections

Filter on each section

Monojets with anti-drip on stainless steel piping

WITHOUT NOZLES OR NUTS

MANUAL FOLDING BOOM TRACTOR EQUIPMENT 1 SA FOR BOOM LIFTING	€ ex vat
Steel Boom ACM 12M – tilt corrector - 4 sections	4590
Steel Boom ACM 15M - tilt corrector - 4 sections	4975
Trijets replacing Monojets	18€/m
Additional ramp section (GEMINI 6 Section and MODULO 8 section max)	307
Tilt corrector hydraulic (requires 1 double acting spool)	595

Price list booms RHM (vegetables)

Widths: 8.50m

Steel central frame (5 Nozzles)

Boom lift hydraulic (1 single acting)

Hydraulic opening of booms (1 SA + 1 free return electro distributor ED5)

5 Sections

Filter on each section

Monojets with anti-drip on stainless steel piping

WITHOUT NOZLES OR NUTS



BOOMS WITH ELECTRO DISTRIBUTORS 5 FUNCTIONS ED5 UP/DOWN + BOOM UNFOLDING TRACTOR EQUIPMENT 1 SA + 1 FREE RETURN	€ ex vat
Steel boom RHM 8.50M – 5 Sections	12875
Trijets replacing Monojets	18€/m
Additional ramp section (GEMINI 6 Section and MODULO 8 section max)	307
Boom extensions 12m	960

Price list booms ACH (Hydraulic Steel boom)

Widths: 12 and 15m

Steel central frame 12m (1:2.50m) and 15m (1:3m)

Boom lift hydraulic (1 single acting)

4 Sections

Filter on each section

Monojets with anti-drip on stainless steel piping

WITHOUT NOZLES OR NUTS



BOOMS WITH HYDRAULIC SELECTOR 2 FONCTIONS TILT CORRECTOR + BOOM UNFOLDING TRACTOR EQUIPMENT 1 SA FOR UP/DOWN + 1 DA FOR UNFOLDING BOOMS	€ ex vat
Steel boom ACH 12M Tilt corrector 4 sections	10890
Steel boom ACH 15M Tilt corrector 4 sections	11360
Trijets replacing Monojets	18€/m
Additional ramp section (GEMINI 6 Section and MODULO 8 section max)	307
Decoupling left / right	325

Front tanks

There are 2 tank capacities before: 1100 L and 1500 L.

These tanks can be used: In clear water tank: in addition to Helium. In autonomous tanks: with different possible uses:

- Complement of Helium: additional autonomy
- Corn seeder: weeding on the row or intake liquid fertilizer
- Hoeing machines: weeding on the row
- Beet seed drill: weeding on the row or intake liquid fertilizer



1100L

1500L



For more information on the Helium range please visit

<http://www.arland-pulverisation.fr/index.php>

Your contact:



www.cleveragri.ie