



ANTIS 2



ANTIS

VINEYARD AND ORCHARD SPRAYERS

MOUNTED RANGE

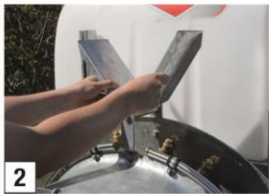
MODELS	CAPACITY(l)	PUMP	REGULATION	BLOWER
GEO M	300 400 600	APS51 APS71	PC DPM	Round 550 mm Round 750 mm
GEO	400 600	APS71 APS96	DPM DPME	Round 750 mm Round 900 mm
OKTOPUS	300 400 600	APS71	DPM DPME	430 mm with 6 Hands numbers 450 mm with 8 Hands numbers 450 mm with 10 Hands numbers

TRAILED RANGE

MODELS	CAPACITY (l)	PUMP	REGULATION	BLOWER
GEO M	1500 2000	L120	DPM DPME	Round 850 mm
GEO	1000 1500 2000	L120	DPME DPAE	Round 900 mm Round 900 mm - S (double outlet)
ANTIS	1000 1500 2000	L120	DPM DPME DPAE	Round 820 mm Tower conveyor 820 mm Round 920 mm Tower conveyor 920 mm
ANTIS 2	1000 1500 2000	L120 L160	DPME DPAE	Round 820 mm Tower conveyor 820 mm Tower conveyor 850 mm Round 920 mm Tower conveyor 920 mm
OKTOPUS	1000 1500	L106	DPME	450 mm with 8 Hands numbers 450 mm with 10 Hands numbers

MOUNTED MIST BLOWERS

GEO M



MOUNTED MIST BLOWERS

GEO M



GEO M

N°	MAIN FEATURES	USER BENEFITS
1	Fan of 550 or 750 cm diameter in galvanized steel	A stainless steel fan for a big air volume
2	Adjustable upper deflectors as standard	To be perfectly adapted with the vegetation
3	Fan with neutral position	Product can be mixed or a local spray without a functioning blower
4	Pump APS 51 or APS 71	Pump easy and reliable
5	Double flip-over nozzles with drop-stop and ATR nozzles	2 nozzles as standard for versatility
6	Regulation : constant pressure	- Simple - Economy

Characteristics	GEO M			
	300 - 55	300 - 75	400 - 75	600 - 75
CHASSIS				
Type of frame	Galvanized steel			
TANK				
Tank capacity	300	300	400	600
Type of tank	Polyethylen			
External gauge (wet)	Standard			
Clean water tank	Standard (45 l)		Standard (66.7 L)	
Hand-washing tank (l)	Standard (15.5 l)			
Filtration	Double (filling and suction)			
Mixing	Standard			
FAN				
Type of fan	Round with the rear suction			
Blower diameter (mm)	550	750		
Air volume m ³ /h	14 000	24 000		
Air deflector	Standard			
Clutch	Without			
Gear box	1 speed + 1 neutral gear			
TRACTOR				
Power required CV	15	30		
PUMP				
Type	Diaphragm pump APS 51	Diaphragm pump APS 71		
Max flow (l/min)	50	68		
Max pressure (bar)	40			
DIMENSIONS				
Length (m)	1.40	1.45	1.5	1.65
Width (m)	1.20			

MOUNTED MIST BLOWERS

GEO



Height (m)	1.30	1.30	1.30	1.40
PACK EQUIPMENT				
Regulation [020]	Constant pressure with <u>manual pressure adjustment</u>			
Type of nozzles [060]	8 Double flip over	12 Double flip over		
Transmission [100]	Homokinetic shaft			
Mixing basket [160]	Without mixing basket			
Spraying nozzles [550]	Yellow and red ATR nozzles			
OPTIONAL EQUIPMENT €	300 - 55	300 - 75	400 - 75	600 - 75
DPM with manual pressure adjustment and electric shut off left and right				
Plastic mixing basket				
Plastic basket with can rinser	not compatible with mixing basket			
Tank filling kit 7m plastic pipes				
Hose reel kit with pipe 50m				
Spray gun				
Main tank rinsing kit				
Turbine filtration kit				



N°	MAIN FEATURES	USER BENEFITS
1	Reinforced frame in galvanized steel	Stainless frame and stronger
2	Fan of 750 or 900 cm diameter in galvanized steel	A stainless fan for a big air volume
3	Adjustable upper deflectors as standard	To be perfectly adapted to the vegetation
4	Blower with neutral position	Product can be mixed or a local spray without a functioning blower
5	Pump APS 71 or APS 96	Pump easy and reliable
6	Shut-off nozzle on brass vane with drop-stop	An air flow with an adjustable direction
7	Manual DPM regulation with electric section closing	Spraying precision

MOUNTED MIST BLOWERS

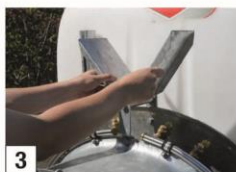
GEO



GEO

Characteristics	GEO		
	400 - 75	600 - 75	600 - 90
CHASSIS			
Type of frame	Galvanized steel		
TANK			
Tank capacity	400	600	600
Type of tank	Polyethylen		
External gauge (wet)	Standard		
Clean water tank	Standard (66.7 L)		
Hand-washing tank (l)	Standard (15.5 L)		
Filtration	Triple : filling - suction - pressure		
Mixing	Standard		
FAN			
Type of fan	Round with the rear suction		
Blower diameter (mm)	750		900
Air volume m ³ /h	24 000		35 000 - 45 000
Air deflector	Standard		
Clutch	Without		Standard
Gear box	1 speed + 1 neutral gear		1 speed + 1 neutral gear
TRACTOR			
Power required CV	22		37
PUMP			
Model	Diaphragm pump APS 71		Diaphragm pump APS 96
Max flow (l/min)	71		90
Max pressure (bar)	40		
DIMENSIONS			
Length (m)	1.50	1.65	1.70
Width (m)	1.20		
Height (m)	1.30	1.40	1.40
PACK EQUIPMENT			
Regulation [020]	DPM with manual pressure adjustment and electric closing of sections		
Type of nozzles [060]	12 Shut-off nozzle on brass vane		
Transmission [100]	Homokinetic shaft		
Mixing basket [160]	Without mixing basket		
Spraying nozzles [550]	Yellow ATR nozzles		

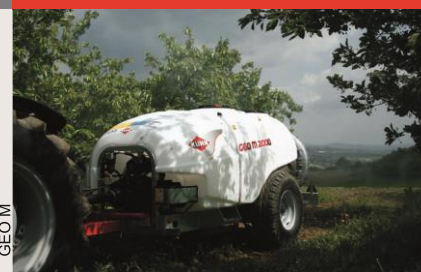
OPTIONAL EQUIPMENTS	400 -75	600 -75	600 -90
DPME regulation with electric pressure adjustment in cab and pressure gauge			
Shut-off bi-nozzle on brass vane with drop-stop (yellow + red ATR nozzles)			
Plastic mixing basket without can rinser			
Inox steel mixing basket with can rinser			
Tank filling kit 7m plastic pipes			
Main tank rinsing kit			
Turbine filtration kit			



N°	MAIN FEATURES	USER BENEFITS
1	Reinforced frame in galvanized steel	Stainless frame and stronger
2	Fan of 750 or 850 cm diameter in galvanized steel	A stainless fan for a big air volume
3	Adjustable upper deflectors as standard	To be perfectly adapted to the vegetation
4	Fan with neutral position	Product can be mixed or a local spray without a functioning blower
5	Diaphragm pump L106 or L120	Pump easy and reliable
6	Double flip-over nozzles with drop-stop and ATR nozzles	2 nozzles as standard for versatility
7	Manual DPM regulation with electric section closing	Spraying precision

TRAILED MIST BLOWERS

GEO M



GEO M

Characteristics	GEO M			
	1000 - 75	1000 - 85	1500 - 85	2000 - 85
CHASSIS				
Type of frame	Galvanized steel			
TANK				
Tank capacity (l)	1000		1500	2000
Type of tank	Polyethylen			
External gauge (wet)	Standard			
Clean water tank	Standard (125L)			
Hand-washing tank (l)	Standard (15.7 L)			
Mixing	2 hydraulic agitators + return to tank			
Filtration	Triple : Filling - suction - pressure			
FAN				
Type of fan	Rear suction with simple outlet			
Blower diameter (mm)	750	850		
Air volume m3/h	20 800 - 27 300		32 000 - 41 300	
Clutch	Without	Standard		
Air straightener	Without	Standard		
Air deflector	Standard			
Gear box	2 speed + 1 neutral gear			
TRACTOR				
Power required (CV)	49	45	50	
PUMP				
Type	Diaphragm pump L106		Diaphragm pump L120	
Flow max (l/min)	100		116	
Pressure max (bar)	50			
DIMENSIONS				
Length (m)	4.00	4.15	4.55	4.65
Width (m)	1.2	1.2	1.60	1.60
Height (m)	1.4	1.4	1.55	1.60
PACK EQUIPMENT				
Regulation [020]	DPM with manual pressure adjustment and electric closing of sections			

Wheels [040]	10.0 / 80 - 12	10.0 / 75 - 15.3	11.5 / 80 - 15.3
Type of nozzles [060]	Double flip-over nozzles		
Drawbar [080]	Drawbar with rotating ring		
Transmission [100]	Simple homokinetic shaft		
Mixing basket	Plastic mixing basket - without can rinser		
Spraying nozzles	Yellow and red ATR nozzles		

TRAILED MIST BLOWERS

GEO



GEO



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N°	MEAN FEATURES	USER BENEFIT
1	Frame in galvanized steel	Stainless frame and stronger
2	Fan of 900 cm diameter in galvanized steel	A stainless fan for a big air volume
3	Adjustable upper deflectors as standard (on blowers with simple outlet only)	To be perfectly adapted to the vegetation
4	Fan with neutral position	Product can be mixed or a local spray without a functioning blower
5	Diaphragm pump L120	Pump easy and reliable
6	Shut-off nozzle on brass vane with drop-stop	An air flow with an adjustable direction
7	DPME regulation with DPF box fitted with a pressure gauge	Spraying precision
8	Blower double outlet SUPER	More air volume for a better spraying

TRAILED MIST BLOWERS

GEO

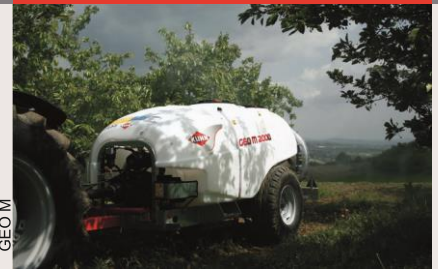


GEO

CHARAKTERISTIKA	GEO					
	1000 - 90	1000 - 90 S	1500 - 90	1500 - 90S	2000 - 90	2000 - 90S
RÁM						
Typ rámu	Galvanizovaná ocel					
TANK						
Objem hlavní nádrže (l)	1000		1500		2000	
Materiál hlavní nádrže	Polyethylen					
Stavoznak (mokrý)	Standard					
Nádrž na čistou vodu	Standard (102 L)		Standard (124.5 L)			
Nádrž na mytí rukou (l)	Standard (15.7 L)					
Míchání	2 hydraulické trysky + zpátečka do nádrže					
Filtrace	Trojitá : plnění - sání – tlaková větev					
Ventilátor						
Typ ventilátoru	Zadní nasávání					
Průměr ventilátoru (mm)	900					
Objem vzduchu (m ³ /h)	Jednoduché	Dvojité	Jednoduché	Dvojité	Jednoduché	Dvojité
	44000 - 51000	53000 - 62000	44000 - 51000	53000 - 62000	44000 - 51000	53000 - 62000
Spojka	Standard					
Horní deflektor	Standard					
Spodní deflektor	Standard (vyjma S modelu)					
Typ převodovky	2 rychlosti + neutrál					
TRAKTOR						
Požadovaný výkon (HP)	61					
ČERPADLO						
Typ	Písto-membránové L120					
Průtok (l/min)	115					
Maximální tlak (bar)	50					
ROZMĚRY						
Délka (m)	3.80	3.90	4.55	4.85	4.65	4.75
Šířka (m)	1.20		1.60		1.60	
Výška (m)	1.24		1.55		1.60	
VYBAVENÍ						
Regulace [020]	Dle jezdové rychlosti DPME – nastavení tlaku a sekci z kabiny traktoru					
Kola [040]	10.0 / 80 - 12		10.0 / 75 - 15.3		11.5 / 80 - 15.3	
Typ trysek [060]	Dvojitě překlápěcí trysky					
Oj [080]	Oj s otočným okem					
Přenos hnací síly [100]	Homokinetická kloubová hřídel					
Přímichávací nádoba [160]	Nerezová přímichávací nádoba					
Trysky aplikační [550]	Žluté ATR trysky					
12 shutt-off nozzles additional for blower double outlet	Low pressure wheels 31 x 15.5 - 15					
Steel can rinser	Step					
Tank filling kit 7m plastic pipes	Main tank rinsing kit					
Turning drawbar CAT I and CAT II with double homokinetic shaft	Turbine filtration kit					

TRAILED MIST BLOWERS

GEO 3000



GEO M



N°	MAIN FEATURES	USER BENEFITS
1	Reinforced frame in galvanized steel	Stainless frame and stronger
2	Fan of 900 or 1050 cm diameter in galvanized steel	A stainless fan for a big air volume
3	Adjustable upper deflectors as standard	To be perfectly adapted to the vegetation
4	Fan with neutral position	Product can be mixed or a local spray without a functioning blower
5	Diaphragm pump L106	Pump easy and reliable
6	Double flip-over nozzles with drop-stop and ATR nozzles	2 nozzles as standard for versatility
7	DPME regulation with DPF box fitted with a pressure gauge	Spraying precision

TRAILED MIST BLOWERS

GEO 3000



CHARAKTERISTIKA	GEO		
	3000 - 90	3000 - 90S	3000 - 105S
RÁM			
Typ rámu	Galvanizovaná ocel		
TANK			
Objem hlavní nádrže (l)	3000		
Materiál hlavní nádrže	Polyester		
Stavoznak (mokrý)	Standard		
Nádrž na čistou vodu	Standard (110 l)		
Nádrž na mytí rukou (l)	Standard (15 l)		
Míchání	2 hydraulické trysky + zpátečka do nádrže		
Filtrace	Trojitá: plnění - sání – tlaková větev		
Ventilátor			
Typ ventilátoru	Jednoduchý	Dvojitý	Dvojitý
Průměr ventilátoru (mm)	885		1050
Objem vzduchu (m ³ /h)	44000 - 51000	53000 - 62000	68000 - 77000
Spojka	Standard		
Vyrovnač vzduchu	Standard		
Zadní klapka	Standard		
Horní deflektory	Standard		
Převodovka	2 rychlosti + neutrál		
TRAKTOR			
Požadovaný výkon (HP)	61		80
ČERPADLO			
Model	Písto-membránové L 160		
Průtok (l/min)	141		
Max tlak (bar)	50		
VYBAVENÍ			
Regulace	Dle pojezdové rychlosti DPME – nastavení tlaku a sekci z kabiny traktoru		
Kola	12.5 / 80.15		
Typ trysek	Shut-off nozzle on brass vane with drop-stop (yellow ATR nozzles). Stainless steel boom		
Oj	Oj s otočným okem		
Přenos hnací síly	Homokinetická hřídel		
Přimíchávací nádoba	Plastová přimíchávací nádoba		
Trysky aplikační	Žluté ATR trysky		

Additional price for DPAE Bravo regulation
Double nozzles on vanes
Turning drawbar CAT I and CAT II with double homokinetic shaft
Tank filling kit 7m plastic pipes
Low pressure wheels 400x15.5

ATOMISEURS PÉRT

ANTIS

ANTIS



Characteristics	ANTIS V	
	400 - 82	600 - 82
CHASSIS		
Type of frame	Galvanized steel	
TANK		
Tank capacity (l)	400	600
Type of tank	Polyethylen	
External gauge (wet)	De série	
Clean water tank	De série (66.7 L)	
Hand-washing tank (l)	De série (15.5 L)	
Mixing	De série	
Filtration	Triple (remplissage / aspiration / refoulement)	
TURBINE		
Type	Inversed suction of blower with avec pales in variable angle	
Diameter (mm)	820	
Air volume of m3/h	28 000 - 36 800	
Air deflector	Standard	
Clutch	Standard	
Gear box	2 speed + 1 neutral gear	
TRACTOR		
Power required CV	61	
PUMP		
Type	Diaphragm pump L160	
Max flow (l/min)	71	
Mas pressure (bar)	40	
DIMENSIONS		
Length m)	1.50	1.65
Widht (m)	1.20	
Heigth (m)	1.30	1.40
PACK EQUIPMENT		
Regulation [020]	DPM with manual pressure adjustment and electric closing of sections	
Type of nozzles [060]	18 Double flip over nozzles	
Transmission [100]	Homokinetic shaft	
Mixing basket [160]	Without mixing basket	
Spraying nozzles [550]	Yellow and red ATR nozzles	
OPTIONAL EQUIPMENT €		
Régulation DPME avec réglage électrique de la pression en cabine et manomètre		
Tamis mélangeur en plastique sans rince bidon		
Tamis plastique avec rince bidon incompatible avec tamis mélangeur		
Tamis mélangeur en inox avec rince bidon		
Aspiration extérieure - tuyau de remplissage 7m, crépine et raccord		
Kit rinçage de cuve principale		
Kit filtration pour turbine		

ATOMISEURS PÉRT

ANTIS

ANTIS



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N°	MAIN FEATURES	USER BENEFITS
1	Frame in galvanized steel	Stainless frame and stronger
2	Fan of 720 cm de diameter in galvanized steel	A stainless fan for a big air volume
3	Fan with reversed suction	the suction of the product by the blower is limited
4	Fan with neutral gear	Product can be mixed or a local spray without a functioning blower
5	Pump L120 and L160	Pump easy and reliable
6	Tower conveyor	To be perfectly adapted to the vegetation
7	DPME regulation with DPF box fitted with a pressure gauge	Spraying precision

TRAILED MIST BLOWERS

ANTIS



Characteristics	ANTIS				
	1000-82	1500 - 82	1500 - 92	2000 - 82	2000 - 92
CHASSIS					
Type of frame	Galvanized steel				
TANK					
Tank capacity (l)	1000	1500		2000	
Type of tank	Polyethylen				
External gauge (wet)	Standard				
Clean water tank	Standard (102 L)	Standard (124.5 L)			
Hand-washing tank (l)	Standard (15.7 L)				
Mixing	2 hydraulic agitators + return to tank				
Filtration	Triple : filling - suction - pressure				
FAN					
Type	Inversed suction of blower with avec pales in variable angle				
Diameter (mm)	820	820	920	820	920
Air volume of m3/h	28000 - 36800		35000 - 45550	28000 - 36800	35000 - 45550
Clutch	Standard				
Air straightener	Standard				
Air deflector	Standard				
Gear box	2 speed + 1 neutral gear				
TRACTOR					
Power required CV	61				
PUMP					
Type	Diaphragm pump L160				
Max flow (l/min)	160				
Mas pressure (bar)	50				
DIMENSIONS					
Length (m)	3.4	3.50	3.52	3.64	3.65
Width (m)	1.2	1.55		1.57	
Heigth (m) (round blower)	1.25	1.45		1.50	
Heigth(m) (high bridge)	1.65	1.77	2.12	1.80	2.15
PACK EQUIPMENT					
Regulation [020]	DPM with manual pressure adjustment and electric closing of sections				
Wheels [040]	10.0 / 80 - 12	10.0 / 75 - 15.3		11.5 / 80 - 15.3	
Type of nozzles [060]	14 Double flip over nozzles on stainless steel boom (18 awith high bridge «V»)				
Drawbar	Drawbar with rotating ring				
Tansmission [100]	Homokinetic shaft				
Mixing basket[160]	Plastic mixing basket - without can rinser				
Spraying nozzles [550]	Yellow and red ATR nozzles				
OPTIONAL EQUIPMENT €	1000 - 82	1500 - 82	1500 - 92	2000 - 82	2000 - 92
DPME regulation with electric pressure management					
DPAE Bravo regulation					
Plastic minxing basket with can rinser					
Inox steel mixing basket with can rinser					
Tank filling kit 7m plastic pipes					
Turning drawbar CAT I and CAT II with double homokinetic shaft					
Wheels 10.0 / 80 - 12					
Wheels 10.0 / 75 - 15.3					
Wheels 11.5 / 80 - 15.3					
Low pressure wheels 31 x 15.5 - R15					
Step					
Tank rotary nozzle					
Filtration kit for blower					



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N°	MAIN FEATURES	USER BENEFITS
1	Frame in galvanized steel	Stainless frame and stronger
2	Fan of 820 or 920 mm of diameter in galvanized steel	A stainless fan for a big air volume
3	Fan with reversed suction	the suction of the product by the blower is limited
4	Fan with neutral gear	Product can be mixed or a local spray without a functioning blower
5	Pump L160	Pump easy and reliable
6	High bridge in «V82», «V85» and «V92»	To be perfectly adapted to the vegetation
7	DPM regulation with box fitted with a pressure gauge	Spraying precision

TRAILED MIST BLOWERS

ANTIS 2



ANTIS

Characteristics	ANTIS 2				
	1000 - 82	1500 - 82	1500 - 92	2000 - 82	2000 - 92
CHASSIS					
Type of frame	Galvanized steel				
TANK					
Tank capacity (l)	1000	1500		2 000	
Type of tank	Polyethylen				
External gauge (wet)	Standard				
Clean water tank	Standard (102 L)	Standard (124.5 L)			
Hand-washing tank (l)	Standard(15.7 L)				
Mixing	2 hydraulic agitators + return to tank				
Filtration	Triple (filling, suction and delivery)				
PUMP					
Type	PM L120	Diaphragm pumpL160			
Max flow (l/min)	120	130			
Mas pressure (bar)	50				
FAN					
Type of fan	Inversed suction of blower with avec pales in variable angle				
Diameter (mm)	820	920	820	920	
Air volume of m3/h	28000 - 36800	35000 - 45550	28000 - 36800	35000 - 45550	
Clutch	Standard				
Air straightener	Standard				
Air deflector	Standard				
Gear box	2 speed + 1 neutral gear				
TRACTOR					
Power required CV	60	70	60	70	
Road homologation 40km/h	Standard 40 km/h - road lights				
DIMENSIONS					
Length (m)	3.40	3.50	3.52	3.64	3.65
Width (m)	1.20	1.55		1.57	
Height (m) round blower	1.24	1.45		1.50	
Hight (m) High bridge V82	1.64	1.77		1.80	
Hight (m) High bridge V85	2.28	2.42		2.44	
Hight (m) High bridge V92			2.12		2.15
PACK EQUIPMENTS					
Regulation [020]	DPME with electric pressure adjustment and electric closing sections (Left / right)				
Wheels [040]	10.0/ 80 -12	10.0 / 75 - 15.3	11.5 / 80 - 15.3		
Drawbar	Drawbar with rotating ring				
Tansmission [100]	Simple homokinetic shaft				
Mixing basket [160]	Inox steel mixing without can rinser				
Nozzles spraying [550]	Yellow and red ATR nozzles				

TRAILED INTEGRAL CONTROL

OKTOPUS SPRAYER



OKTOPUS



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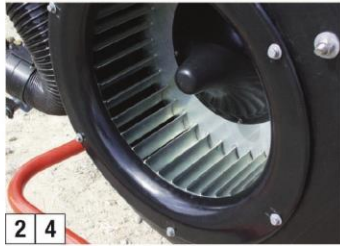
N°	MEAN FEATURES	USER BENEFITS
1	Frame in galvanized steel	Stainless frame and stronger
2	Centrifugal fan in steel of 430 or 450 mm	A big air volume
3	Adjustable hands	For a better airstream direction
4	Fan with neutral position and 2 speed	Product can be mixed or a local spray without a functioning blower
5	Pump APS 71	Pump easy and reliable
6	Hands with double flip-over nozzle with drop stop	A perfect management of the droplet
7	Manual DPM regulation with electric closing of the sections	Simple and comfortable

TRAILED INTEGRAL CONTROL SPRAYER

OKTOPUS



CHARACTERISTICS	OKTOPUS S (NARROW)		OKTOPUS	
	300 - 43	400 - 45	400 - 45	600 - 45
CHASSIS				
Type of frame	Galvanized steel			
TANK				
Tank capacity	300	400	400	600
Type of tank	Polyethylen			
External gauge (wet)	Standard			
Clean water tank	Standard (66.7 L)			
Hand-washing tank (l)	Standard (15.5 L)			
Filtration	2 hydraulic agitators + return to tank			
Mixing	Triple : filling - suction - pressure			
FAN				
Type of fan	Centrifugal blower			
Diameter (mm)	430	450		
Air volume m ³ /h	10 150 - 11 600	11 700 - 14 800		
Type of spouts	Hands			
Hands numbers	6	8	10	
Clutch	Without			
Gear box	2 speed + 1 neutral gear			
TRACTOR				
Power required CV	25	40		
PUMP				
Model	Diaphragm pump APS 71			
Max flow (l/min)	68			
Max pressure (bar)	40			
DIMENSIONS				
Length (m)	1.75	1.47	1.58	
Width (m)	1.21	1.32		
Height (m)	1.65	2.00	2.50	
PACK EQUIPMENT				
Regulation [020]	DPM with manual pressure adjustment and electric closing of sections			
Type of nozzles [060]	6 Double flip-over nozzles	8 Double flip-over nozzles	10 Double flip-over nozzles	
Transmission [100]	Homokinetic shaft			
Mixing basket [160]	Plastic mixing basket - without can rinser			
Spraying nozzles [550]	Yellow and red ATR nozzles			
OPTIONAL EQUIPMENTS PLN				
	300 - 43	400 - 45	400 - 45	600 - 45
DPME regulation with electric pressure adjustment in cab and pressure gauge				
Plastic minxing basket with can rinser instead of mixing basket				
Inox steel mixing basket with can rinser				
Tank filling kit 7m plastic pipes				
Hose reel with pipe (50m)				
Main tank rinsing kit				



N°	MEAN FEATURES	USER BENEFITS
1	Frame in galvanized steel	Stainless frame and stronger
2	Centrifugal fan in steel of 430 or 450 mm	A big air volume
3	Adjustable hands	For a better airstream direction
4	Fan with neutral position and 2 speeds	Product can be mixed or a local spray without a functioning blower
5	Pump L106	Pump easy and reliable
6	Hands with double flip-over nozzle with drop stop	A perfect management of the droplet
7	Manual DPM regulation with electric closing of the sections	Simple and comfortable

OKTOPUS

Caractéristiques de base	OKTOPUS		
	1000 - 45	1000 - 45	1500 - 45
CHASSIS			
Type of frame	Galvanized steel		
CUVE			
Tank capacity (l)	1000		1500
Type of tank	Polythylene		
External gauge (wet)	Standard		
Clean water tank	Standard (102 L)		Standard (124.5 L)
Hand-washing tank (l)	Standard (15.5 L)		
Hydraulic mixing	2 hydraulic agitators + return to tank		
Filtration	Triple : filling - suction - pressure		
FAN			
Type of fan	Centrifugal blower		
Diameter (mm)	450		
Air volume m ³ /h	11700 - 14800		
Type of spouts	Hands		
Hands number	6	10	
Clutch	Without		
Gear box	2 speed + 1 neutral gear		
TRACTOR			
Power required CV	25	40	
PUMP			
Model	Diaphragm pump L106		
Max flow (l/min)	100		
Max pressure (bar)	50		
DIMENSIONS			
Length	3.40		3.60
Height	1.35	1.50	1.60
Width	2.35	2.70	3.62
EQUIPEMENTS STANDARD DU PACK			
Regulation [020]	DPME with electric pressure adjustment and electric closing of sections		
Wheel [040]	8 Double flip-over nozzles	10 Double flip-over nozzles	
Type of nozzles [060]	10.0 / 80 - 12		10.0 / 75 - 15.3
Drawbar	Drawbar with rotating ring		
Transmission [100]	Homokinetic shaft		
Mixing basket [160]	Inox mixing basket - without can rinser		
Spraying nozzles [550]	Yellow and red ATR nozzles		
OPTIONAL EQUIPMENT €	1000 - 45 - 8 SORTIES	1000 - 45 - 10 SORTIES	1500 - 45 - 10 SORTIES
Can rinser for stainless mixing basket			
Tank filling kit 7m plastic pipes			
Turning drawbar CAT I and CAT II with double homokinetic shaft			
Wheels 10.0 / 80 - 12			
Wheels 10.0 / 75.15.3			
Wheels 11.5 / 80 .15.3			
Low pressure wheels 31 x 15.5 - R15			
Main tank rinsing kit			
Step			

FAN and CONVEYORS

TOWER CONVEYOR V82



TOWER CONVEYOR V82

- 18 rotating double jets
- Galvanised steel frame
- Stainless steel canalisation at the back of the fan
- Maximal spraying height : 7m
- Maximal spraying width: 10m

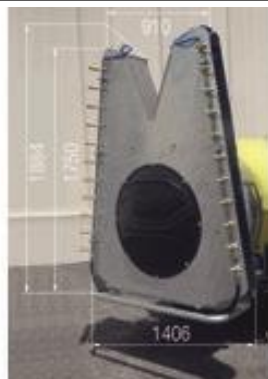
TOWER CONVEYOR V85



TOWER CONVEYOR

- 26 rotating and adjustable double jets
- Jets placed at the front of the fan
- Stainless steel frame
- Maximal spraying height : 8 m
- Maximal spraying width: 10 m

TOWER CONVEYOR V92



TOWER CONVEYOR

- 24 rotating double jets
- Galvanised steel frame
- Stainless steel canalisation at the back of the fan
- Maximal spraying height : 9 m
- Maximal spraying width: 12 m

	ASPIRATION	Fan Ø (mm)	Tower Conveyor	Number of nozzle holder	Maximum Width (m)	Maximum height (m)
GEO M-P	Rear	550	Not possible	8 nozzle holders	6	5
GEO P		750		12 nozzle holders	8	6
		900			12	8
		850			10	8
		900			12	8
GEO T		900S		16	10	
ANTIS T	Front	820	Possible	14 nozzle holders	10	7
		920			12	9

REGULATION SYSTEM



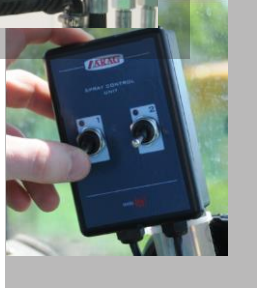
CP - Constant pressure regulation

Availability : GEO M MOUNTED

- Constant pressure regulation
- Left and right independent control of spraying
 - Pressure adjustment with wheel
- Pressure gauge diameter 60 mm (0-80 bar)



GEO M



Manual DPM Régulation -(proportional flow according to engine speed)

Availability : GEO - OKTOPUS
- ANTIS

- DPM regulation
- Left and right independent control of spraying from tractor cab
 - Manual pressure adjustment with a wheel



Electric DPM Régulation (proportional flow according to engine speed electric)

Availability : GEO - OKTOPUS - ANTIS

- General closing of spraying electric
- Individual control in cab for 2 or 4 spraying sections
- Electric pressure adjustment in tractor cab
- Pressure gauge integrated in the box

FANS

GEO M / GEO

FAN TYPE	CLUTCH	1		GE 1R2		NEEDED POWER (CV)	NUMBER OF JETS
		ROTATION SPEED (RPM)	AIR FLOW (M3/ H)	ROTATION SPEED (RPM)	AIR FLOW (M3/ H)		
550	no	2480	14000	no	no	6.0	8
750 mounted	no	non	non	1944	24000	17	12
750 trailed	no	1620	20800	2160	27300	23	12



850	yes	1620	32000	2160	41300	30	12
900 GEO P	yes	1890	35000	2160	45000	32	12
900 GEO T	yes	1890	44000	2160	51000	37	12

- Upper and lower deflectors are adjustable as standard but not on machines fitted with blowers with double outlet (900)

OKTOPUS

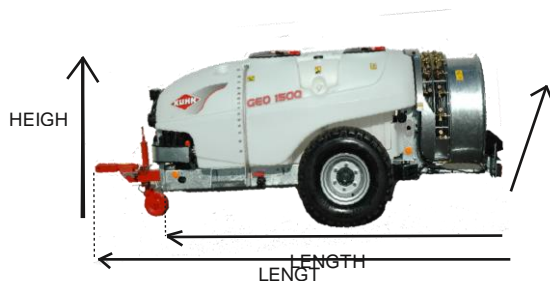
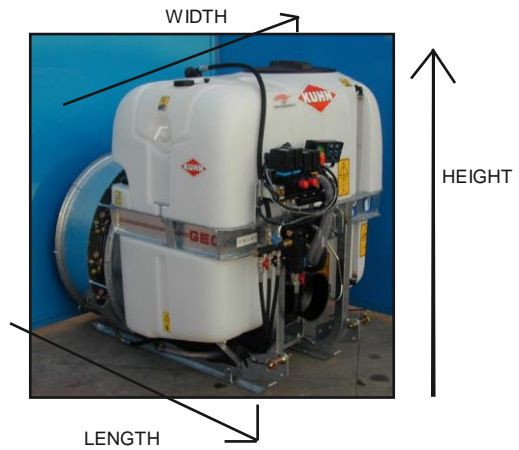
FAN TYPE	CLUTCH	GEAR 1			GEAR 2			NEEDED POWER (CV)
		ROTATION SPEED (RPM)	AIR FLOW (M3/H)	AVERAGE AIR SPEED (MS)	ROTATION SPEED (RPM)	AIR FLOW (M3/H)	AVERAGE AIR SPEED (MS)	
Diameter 430 mm/ width 160 mm	no	no	no	no	2700	10150	73,4	27
Diameter 4500 mm/ width 130 mm	no	2700	11700	72	3348	14800	92,65	60 (32 in gear 1)

DIMENSIONS



GEO M / GEO MOUNTED

	MODELS	LENGTH (CM)	WIDTH (CM)	HEIGHT (CM)
GEO M	300 - 500 mm	140	100	130
	300 - 750 mm	145	100	130
	400 - 750 mm	150	120	130
	600 - 750 mm	165	120	140
GEO	400 - 750 mm	150	120	130
	600 - 750 mm	165	120	140
	600 - 900 mm	170	120	140

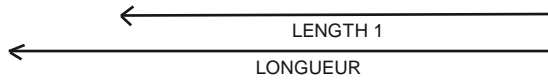
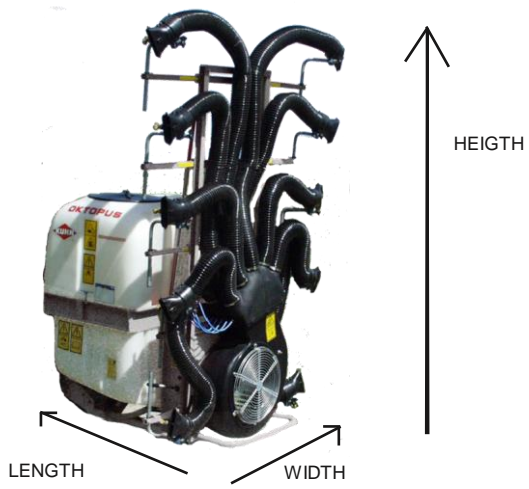


GEO M / GEO

	MODELS	LENGTH (CM)	LENGTH 1 (CM)	WIDTH (CM)	HEIGHT (CM)
GEO M	1000 - 750 mm	400	330	120	140
	1000 - 850 mm	415	345	120	140
	1500 - 850 mm	455	385	160	155
	2000 - 850 mm	465	395	160	160
GEO	1000 - 900 mm	380	320	120	124
	1000 - 900 mm double outlet	390	33	120	124
	1500 - 900 mm	455	385	160	155
	1500 - 900 mm double outlet	485	395	160	155
	2000 - 900 mm	465	395	160	160
	2000 - 900 mm double outlet	475	405	160	160

DIMENSIONS

OKTOPUS





MODELES		LENGTH (CM)	LENGTH 1 (CM)	WIDTH (CM)	HEIGHT (CM)
OKTOPUS MOUNTED	400 - 430 mm	170	non	140	200
	600 - 430 mm	180	non	140	200
	600 - 450 mm	180	non	140	250
OKTOPUS TRAILED	1000 - 430 mm	370	305	135	235
	1000 - 450 mm	370	305	150	270
	1500 - 450 mm	390	325	160	362

TRACK ADJUSTMENT

TRACK ADJUSTMENT	FROM (CM)	TO (CM)
1000 L GEO M	95	113
1000 L GEO / OKTOPUS	100	110
1000 L Wide (optional)	124	142
1500 L	116	146
2000 L	128	158

Discs chart

CP	Hollow cones																	
	Flow L/1'																	
Disc	0,8	1,0	1,2	1,5			1,8				2,0				2,5			
Core	x	x	x	x	1,0	1,2	x	1,0	1,2	1,5	x	1,2	1,5	1,8	x	1,5	1,8	
∧	20°	30°	40°	60°	35°	35°	45°	35°	35°	35°	60°	35°	35°	35°	60°	35°	35°	
Bars	10	0,87	1,24	1,50	1,95	3,55	3,64	2,29	4,23	4,46	4,72	2,67	5,33	5,63	6,24	4,26	6,73	7,05
	15	1,05	1,52	1,82	2,35	4,27	4,44	2,77	5,01	5,40	5,67	3,20	6,23	6,70	7,30	5,17	8,26	8,69
	20	1,22	1,75	2,10	2,69	4,93	5,09	3,18	5,65	6,10	6,41	3,69	7,18	7,57	8,29	5,91	9,49	9,90
	25	1,35	1,95	2,30	2,96	5,45	5,64	3,51	6,21	6,69	7,07	4,13	7,96	8,32	9,16	6,55	10,56	10,97
	30	1,47	2,12	2,53	3,23	5,85	6,14	3,76	6,76	7,25	7,68	4,44	8,65	9,04	9,80	7,15	11,57	11,85

FLOW CHART ATR NOZZLE

ATR	Hollow cone nozzles «ALBU 2»							
	Débit L/1'							
Bar	WHITE	PURPLE	BROWN	YELLOW	ORANGE	RED	GREEN	BLUE
2	0,18	0,23	0,32	0,48	0,65	0,91	1,17	1,61
3	0,22	0,28	0,38	0,58	0,78	1,09	1,41	1,94
4	0,25	0,32	0,44	0,66	0,89	1,25	1,64	2,21
5	0,27	0,36	0,48	0,73	0,99	1,38	1,78	2,45
6	0,30	0,39	0,52	0,80	1,07	1,50	1,94	2,67
7	0,32	0,42	0,56	0,86	1,15	1,62	2,09	2,86
8	0,34	0,44	0,60	0,91	1,22	1,72	2,22	3,05
9	0,36	0,47	0,63	0,96	1,29	1,81	2,35	3,21
10	0,37	0,49	0,66	1,01	1,36	1,90	2,47	3,37
11	0,39	0,51	0,69	1,05	1,42	1,99	2,58	3,53
12	0,41	0,53	0,72	1,10	1,47	2,07	2,69	3,67
13	0,42	0,55	0,75	1,14	1,53	2,15	2,79	3,81
14	0,44	0,57	0,77	1,18	1,58	2,22	2,89	3,94
15	0,45	0,59	0,8	1,22	1,63	2,29	2,99	4,07
16	0,66	0,66	0,86	1,34	1,76	2,50	3,08	4,42
18	0,70	0,70	0,91	1,42	1,87	2,65	3,25	4,69
20	0,74	0,74	0,96	1,50	1,97	2,80	3,42	4,94

INFORMATION



L - GAP INBETWEEN ROWS en M										V - SPEED TURBOSPRAYER TRACTOR KM/H													
8	7	6	5	4,5	4	3,5	3	2,5	2	2	1/2	3	1/2	4	1/2	5	1/2	6	1/2	7	1/2	8	
Q - TOTAL FLOW										D - LITERS SPRAYED BY HECTARSS													
4	3,5	3	2,5	2,2	2	1,7	1,5	1,2	1	150	120	100					50				37,5		
8	7	6	5	4,5	4	3,5	3	2,5	2	300	240	200	170	150	132	120	110	100			75		
12	10,5	9	7,5	6,7	5	5,2	4,5	3,7	3	450	360	300	255	225	198	180	165	150	138	129	120	112	
16	14	12	10	9	8	7	6	5	4	600	480	400	340	300	264	240	220	200	184	175	160	150	
20	17,5	15	12,2	11,2	10	8,7	7,5	6,2	5	750	600	500	425	375	330	300	275	250	230	215	200	187	
24	21	18	15	13,5	12	10,5	9	7,5	6	900	720	600	510	450	396	360	330	300	276	258	240	225	
32	28	24	20	18	16	14	12	10	8	1200	950	800	680	600	528	480	440	400	368	344	320	300	
40	35	30	25	22,5	20	17,5	15	12,5	10	1500	1200	1000	850	750	660	600	550	500	450	430	400	375	
48	42	36	30	27	24	21	18	15	12	1800	1440	1200	1020	900	792	720	660	600	552	516	480	450	
56	49	42	35	31,5	28	24,5	21	17,5	14	2100	1680	1400	1190	1050	924	840	770	700	644	602	560	525	
60	53,5	45,5	37,5	34	30	26,7	22,7	18,7	15	2250	1800	1500	1275	1125	990	900	825	750	690	645	600	562	
64	56	48	40	36	32	28		20	16	2400	1920	1600	1360	1200	1056	960	880	800	736	688	640	600	
72	63	54	45	40,5	36	31,5	27	22,5	18	2700	2160	1800	1530	1350	1188	1080	990	900	828	774	720	675	
80	70	60	50	45	40	35	30	25	20	3000	2400	2000	1700	1500	1320	1200	1100	1000	920	860	800	750	
100	87,5	75	52,5	56,2	32	43,7	37,5	31,2	25		3000	2500	2125	1875	1650	960	1375	1250	1150	1075	1000	937	
120	106	90	75	68	60	53	45	37,5	30			3000	2550	2250	1980	1800	1650	1500	1380	1290	1200	1125	
	123,5	105,5	87,5	79	70	61,7	52,7	43,7	35				3000	2625	2310	2100	1925	1750	1610	1505	1400	1312	
		120	100	90	80	70	60	50	40					3000	2640	2400	2200	2000	1840	1720	1600	1500	
			125	112,5	100	87,5	75	62,5	50						3250	3000	2750	2500	2300	2150	2000	1875	
					120	106	90	75	60								3300	3000	2760	2580	2400	2250	
						123,5	105,5	87,5	70										3220	3010	2800	2625	
							120	100	80													3200	3000

Q = Flow machine in l/mn

V = Speed in km/h

D = Dose per hectars /ha

L = gap inbetween rows in m

Exemple of calculation of the sprayer total flow in l/mn

- 1- Choose the dose/ha (here 1500 l/ha), the forward speed, (here 5 km/h)
- 2- Take the gap inbetween rows into account (here 4,00m)
- 3- Go down in the column corresponding to forward speed (5 km/h) to the dose / ha wanted (1500 L)
- 4- Go to the left up to the column corresponding to the width of plantation (4m) 5- See the result in the cross-section :
50 l/mn

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