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Snow Plough
Salt Spreader
Washing System
Sweepers

SnowService

SNOW SERVICE srl, with head office in Piumazzo, province of Modena, the staff, with experience in the field, has been operating with design and construction of winter service machines and equipments all around Europe and abroad. With a total indoor area of 2300 square meters, divided into 2 works duly equipped its operative function, and another 2800 square meters of outdoor area for warehouse and storage for equipments and vehicles.

OUR VALUABLE AND LONG LASTING PRODUCTS

Snowploughs - Pick up snowploughs - V ploughs - Carried salt spreaders - Electric spreaders - Self loading spreaders for tractors

SALES NETWORK

Thanks to its internal, dynamic and constructive commercial staff, assisted on the whole territory by a capillary network of dealers, and thanks to its wide range of products, to the continuous study and development of the same products, our company is well rooted in the national territory, with public bodies such as Anas, Autostrade, Municipalities, Provinces, Mountain Communities; we are also operating in almost all European and a few Extra-European countries.

PLANNING

The planning phase of the equipment manufactured by Snow Service srl is by the internal technical department with 3D data carrier. The drawings of the details of all the equipment are owned by the company. During the production phase, the technical department has the duty of studying, organizing and checking that the European regulations of the new law No. 81/2008 and the CE marks are fully complied with. Prior to their delivery, all the vehicles and equipment are checked and tested in compliance with the directives on the procedures reported on the ISO 9001 regulations, and are provided with user's and maintenance manual, spare parts catalogue and CE declaration of conformity. Manufacturing process:

All the manufacturing process development occurs in an indoor area of 2300 square metres: from planning to raw material cutting, to structural work, painting, mounting and testing, and finally to storage on an outdoor area of 2800 square metres.

AFTER SALES SERVICE

Our company has a 24-hour after-sales service which is able to respond by phone / e-mail / fax to all our clients' requirements, by providing a skilled technician's support. Our spare parts warehouse – which is always active – allows us to supply spare parts even in critical moments within 24-hours.

RENTING

Snow Service srl has over 35 stainless steel spreaders, suitable to operate with the winter service road of all kind. For further information contact our commercial department.





SNOW SERVICE

**SNOW
PLOUGHS
MICROTECH**





SNOW PLOUGHS MICROTECH



VERSIONE BASE

code	item	weight	with junction box	width (mt)	height (mt)	working width (mt)
5030760	MICROTECH 200	150 (Kg)	170 (Kg)	2,05	0,60	1,80

Classification, general features and manufacturing materials

Snow plough for Pick Up motor vehicles and trucks class N1, with < 30 quintals loading capacity.

Snow plough equipment with special main frame, coupled to thrust equipment without need of the traditional DIN plate, according to CE 91/114 and 78/2009 regulations (outer projections and pedestrian protection from collision).

1 sector front snow plough with shock absorbing system formed by special elastomers, which act in traction on the total forwards turning over of the mouldboard recalling it in vertical working position when the obstacle has been overcome.

Aileron available in HDPE polyethylene or in stainless steel. Scraper cutting edge in wear-preventing steel or in Vulkollan. Oven painting with special rustproof process and enamel finish RAL 2011. Pipes R2 with joints and united fast clutches.

Working

Hydraulic, by means of hydraulic cylinders for right/left inclination and lifting/lowering.

Energy sources

Electrohydraulic junction box 12 Volt which can be assembled on demand (optional) on the snow plough equipment. In alternative a specially realized hydraulic system provided in the thrust equipment.

Movement controls

Remote control (integral part of the electrohydraulic junction box). In alternative, an electric keyboard with cable linked to the vehicle hydraulic system.

Standard version

Mechanic support for fast connection to be assembled in progress on the vehicle. HDPE aileron, scraper cutting edge in wear-preventing steel, signal flags, additional headlights kit with light changing and store feet.

Optional

Encumbrance lights, stainless steel aileron, 12 Volt electrohydraulic junction box with remote control, bipolar electric cable with protection fuse for the connection of the junction box to the vehicle battery, scraper cutting edge in Vulkollan, complete set of blade coupling for Pick Up and mini-trucks 4x4. Various workmanships on the vehicle.

SNOW[®]
SERVICE srl

SNOW SERVICE

**MADE IN
ITALY**

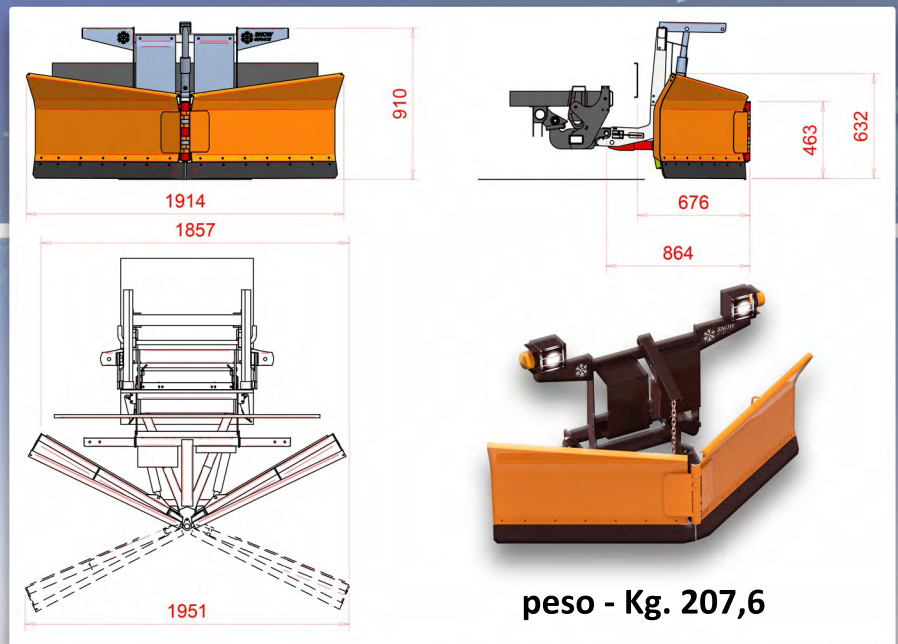


Italia

VOMERO SGOMBRANEVE PER PICK-UP **PKV**



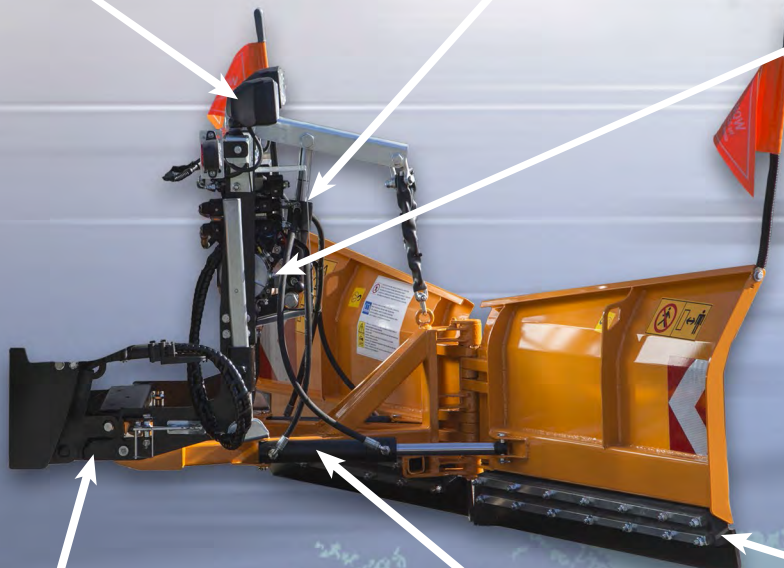
PKV



**fari di lavoro +
luci di ingombro a led**

**cilindro idraulico a semplice
effetto per il sollevamento**

**centralina elettro idraulica
12V con radio comando**



**radio comando
da installare in
cabina**

**attacco rapido
per pick up**

**n°2 cilindri idraulici a
doppio effetto per
apertura/chiusura ali**

**sistema anti-urto tramite
paracolpi in vulcollan ,
coltello in Hardox 400**



SNOW SERVICE

SNOW PLOUGH NANOTECH





SNOW PLOUGH 1.50 . 2.00 . 2.20 . 2.40 . 2.60



STANDARD VERSION

code	item	weight	with junction box	width (mt)	height (mt)		working width (mt)
					steel	neoprene	
5030090	NANOTECH NT 15	220 (Kg)	270 (Kg)	1,50	0,75	0,87	1,28
5030120	NANOTECH NT 20	260 (Kg)	310 (Kg)	2,00	0,75	0,87	1,74
5030130	NANOTECH NT 22	290 (Kg)	340 (Kg)	2,20	0,75	0,87	1,91
5030190	NANOTECH NT 24	320 (Kg)	370 (Kg)	2,40	0,75	0,87	2,09
5030230	NANOTECH NT 26	350 (Kg)	400 (Kg)	2,60	0,75	0,87	2,26

N.B. the blade weight is reduced of 10% approx. if it equipped with neoprene cutting edges.

Classification, general features and manufacturing materials

Snow plough for trucks with loading capacity between 35 and 60 quintals and farm tractors with power between 35 and 80 Cv. And weight < 30 quintals. Snow plough equipment with steel main frame, and counter plate with fast coupling according to DIN 76060/B regulations.

1 sector front aileron constituted by a HDPE polyethylene plate. Scraper cutting edge in two independent sectors, available in wear-preventing steel or in neoprene (rubber). Mechanical adjustment of the ground anchorage angle (incidence).

Shock absorbing system which acts, by means of steel springs, on each single piece of the scraper cutting edge. Each piece of the cutting edge, in case of collision with a rigid part, bends backwards (against the running direction) and, when the obstacle has been overcome, they are turned in vertical working position by means of the two couple of springs. The main frame is oven painted with special rustproof process and enamel finish RAL 2011 (orange). Black coloured HDPE aileron. Overpressure valve to absorb lateral collisions. Pipes R2 with joints and united fast clutches.

Working

Hydraulic, by means of hydraulic cylinders for right/left inclination and lifting/lowering.

Energy sources

12 or 24 Volt Electro hydraulic junction box which can be assembled on demand (optional) on the snow plough equipment. In alternative a specially realized hydraulic system provided in the thrust equipment (2 double effect distributors are required, one of them provided with floating position).

Mouvement controls

Electric keyboard, with cable of suitable length, linked to the electro hydraulic junction box. In alternative, the controls are already existing on the vehicle if it is provided with appropriate hydraulic system (for example farm tractors).

Standard version

Signal flags, store feet, overpressure valve on the inclination system right/left and scraper cutting edge in wear-preventing steel. Lateral curb protection.

Optional

Scraper cutting edge in neoprene, encumbrance lights, couple of swivelling wheels and adjustable in height, couple of additional headlights with support on the counter plate, electro hydraulic junction box with cable and keyboard, protection rubber from splashes, bipolar electric cable with protection fuse for the connection of the junction box to the vehicle battery, DIN/B raw plate on the vehicle side. Various workmanships on the vehicle.



SNOW SERVICE

SNOW PLOUGHS SERIE YL4





STANDARD VERSION with coupling structure to the front 3-points forklift of the farm tractors

code	item	weight	width (mt)	height (mt)		working width (mt)
				standard	with wedge	
5030050 5410850	YL4 200	330 (Kg)	2,00	0,75	0,92	1,65
5030060 5410850	YL4 220	360 (Kg)	2,20	0,75	0,92	1,83
5030070 5410850	YL4 240	390 (Kg)	2,40	0,75	0,92	1,98
5030080 5410850	YL4 260	420 (Kg)	2,60	0,75	0,92	2,26

N.B. : the weight of the blade is reduced of 10% approx. if it is equipped with Vulkollan cutting edges.

Classification, general features and manufacturing materials

This snow plough can be suitable for different kinds of vehicles:

Farm tractors with power between 35 and 90 cv. and weight of < 35 quintals.

Skid loader, Bobkat, and similar in rubber, with weight of < 35 quintals

Mini-blades in general with power of < 70 cv. and weight of < 55 quintals

Trucks with a loading capacity between 35 and 60 quintals.

Snow plough equipment with completely steel manufacture with high mechanical performances with a particular coupling system (counter plate) according to the different connections (farm tractors, skid loader and so on).

1 sector front aileron, with scraper cutting edge available in wear-preventing steel or, on demand, in Vulkollan.

Shock absorbing system formed by special elastomers, which act in traction on the total onwards reversal of the mouldboard recalling it in vertical working position when the obstacle has been overcome. Harpooning mechanical system (retaining hammer) which holds the aileron in vertical position during the normal conditions of snow removal. End-run mechanical side bars in the positions of max inclination (to protect the hydraulic cylinders from the inclination). Central mechanic system which allows a transversal pitching angle of + 5°.

Oven painting with special rustproof process and enamel finish RAL 2011 (orange). Overpressure valve to absorb lateral collisions. Pipes R2 with joints and united fast clutches.

Working

Hydraulic, by means of hydraulic cylinders for right/left inclination and, if the DIN counter plate is present, for lifting/lowering

Energy sources

12 or 24 Volt Electrohydraulic junction box which can be assembled on demand (optional) on the snow plough equipment. In alternative a specially realized hydraulic system provided in the thrust equipment (one or two double effect distributors are required, according to application. One of them must be provided with floating position).

Movement controls

Electric keyboard, with cable of suitable length, linked to the electro hydraulic junction box. In alternative, the controls are already existing on the vehicle if it is provided with appropriate hydraulic system (for example farm tractors).

Standard version

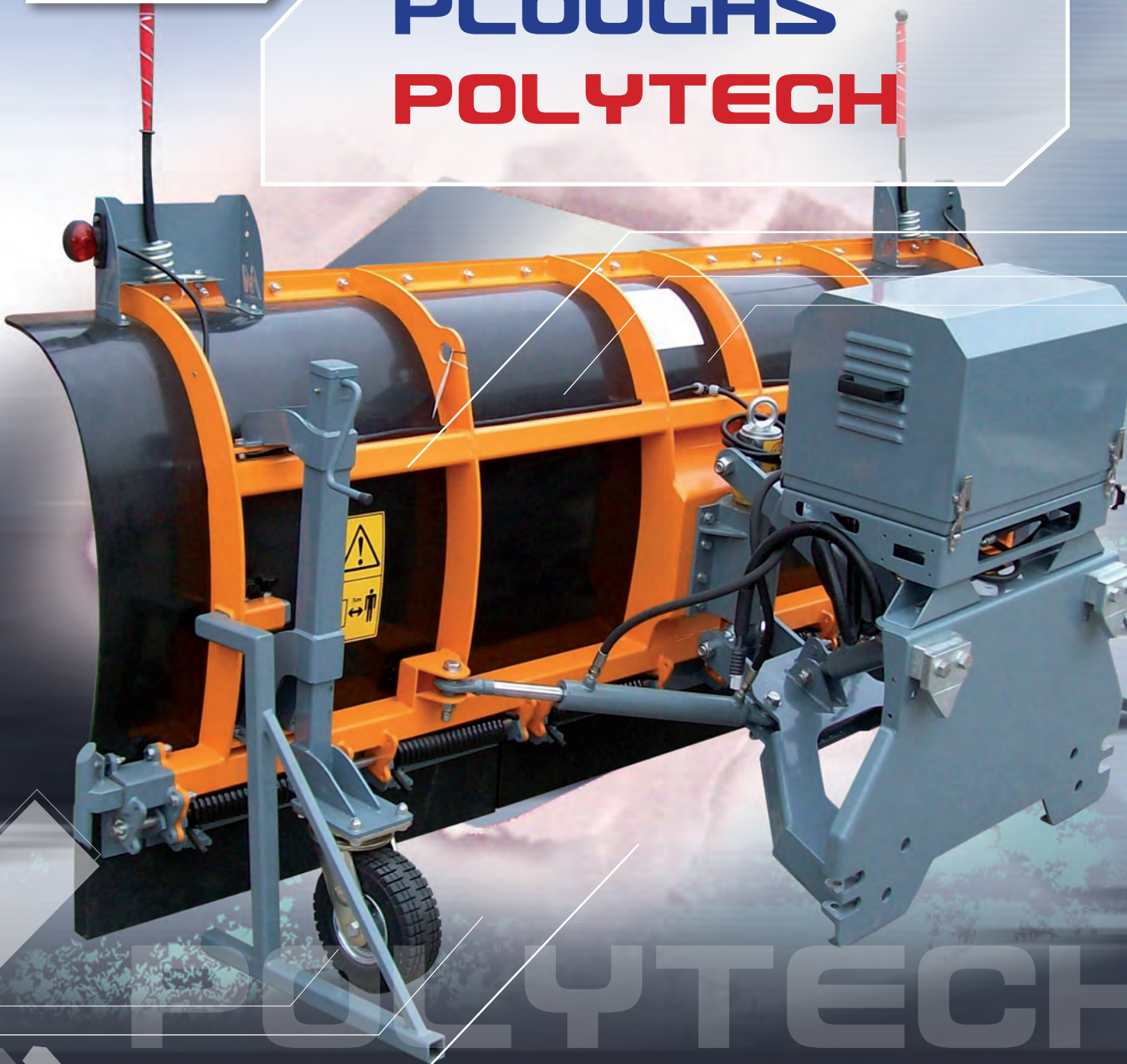
Signal flags, store feet, overpressure valve on the right/left inclination system and scraper cutting edge in wear-preventing steel.

Optional

Scraper cutting edge in Vulkollan, encumbrance lights, adjustable height slides, couple of additional headlights with support on the counter plate. Electro hydraulic junction box with cable and keyboard, moulded wedge in bolted steel or welded on the upper edge of the blade, bipolar electric cable with protection fuse for the connection of the junction box to the vehicle battery, DIN/B raw plate on the vehicle side. Various workmanships on the vehicle.

SNOW SERVICE

**SNOW
PLOUGHS
POLYTECH**





STANDARD VERSION with fast coupling counter plate DIN 76060

code	item	weight	with junction box	width (mt)	height (mt)		working width (mt)
					steel	neoprene	
5030390	POLYTECH PT 28	510 (Kg)	570 (Kg)	2,80	1,08	1,16	2,45
5030690	POLYTECH PT 30	540 (Kg)	600 (Kg)	3,00	1,08	1,16	2,60
5030710	POLYTECH PT 32	570 (Kg)	630 (Kg)	3,20	1,08	1,16	2,78

STANDARD VERSION with 3-points coupling structure for farm tractors forklift

code	itm	weight	with junction box	width (mt)	height (mt)		working width (mt)
					steel	neoprene	
5030840	POLYTECH PTS 28	510 (Kg)	570 (Kg)	2,80	1,08	1,16	2,45
5030850	POLYTECH PT S 30	540 (Kg)	600 (Kg)	3,00	1,08	1,16	2,60
5030860	POLYTECH PT S 32	570 (Kg)	630 (Kg)	3,20	1,08	1,16	2,78

Classification, general features and manufacturing materials

Snow plough for trucks with loading capacity between 80 and 150 quintals and farm tractors with power between 70 and 110 Cv. and weight < 40 quintals. Snow plough equipment with steel main frame, and counter plate with fast coupling according to DIN 76060/A regulations or in alternative, 3-points coupling structure suitable for front 3-points forklift which is typical on the farm equipments.

1 sector front aileron constituted by a HDPE polyethylene plate. Scraper cutting edge in three independent sectors, available in wear-preventing steel or in neoprene (rubber). Mechanical adjustment of the ground anchorage angle (incidence).

Shock absorbing system which acts, by means of steel springs, on each single piece of the scraper cutting edge. Each piece of the cutting edge, in case of collision with a rigid part, bends backwards (against the running direction) and, when the obstacle has been overcome, they are turned in vertical working position by means of the two couples of springs. The main frame is oven painted with special rustproof process and enamel finish RAL 2011 (orange). Black coloured HDPE aileron. Overpressure valve to absorb lateral collisions. Pipes R2 with joints and united fast clutches.

Working

Hydraulic, by means of hydraulic cylinders for right/left inclination and lifting/lowering.

Energy sources

24 Volt Electrohydraulic junction box which can be assembled on demand (optional) on the snow plough equipment. In alternative a specially realized hydraulic system provided in the thrust equipment (2 double effect distributors are required, one of them provided with floating position).

Mouvement controls

Electric keyboard, with cable of suitable length, linked to the electro hydraulic junction box. In alternative, the controls are already existing on the vehicle if it is provided with appropriate hydraulic system (for example farm tractors).

Standard version

Signal flags, store feet, overpressure valve on the inclination system right/left and scraper cutting edge in wear-preventing steel. Lateral curb protection.

Optional

Scraper cutting edge in neoprene, encumbrance lights, couple of swivelling wheels and adjustable in height, couple of additional headlights with support on the counter plate, electro hydraulic junction box with cable and keyboard, protection rubber from splashes, bipolar electric cable with protection fuse for the connection of the junction box to the vehicle battery, DIN/A raw plate on the vehicle side. Various workmanships on the vehicle.



SNOW SERVICE

LAME DE DENEIGEMENT

CS68/6 P PELLE



CS68/6
PELLE



VERSION STANDARD

code	modèle	Poids	largeur	largeur (mt)	hauteur (mt)		largeur de travail (mt)
					standard	avec hausse	
5030250 5411010 5410790	CS68/6 P 260	700 (Kg)	740 (Kg)	2,60	0,90	1,05	2,13
5030260 5411010 5410790	CS68/6 P 283	750 (Kg)	792 (Kg)	2,83	1,03	1,18	2,32
5030270 5411010 5410800	CS68/6 P 306	790 (Kg)	835 (Kg)	3,06	1,03	1,18	2,51
5030280 5411010 5410800	CS68/6 P 326	820 (Kg)	870 (Kg)	3,26	1,03	1,18	2,68
5030290 5411010 5410800	CS68/6 P 356	870 (Kg)	925 (Kg)	3,56	1,03	1,18	2,92
5030780 5411010 5410800	CS68/6 P 380	910 (Kg)	970 (Kg)	3,80	1,03	1,18	3,12

NOTE : le poids peut se modifier du + 7/8% en fonction du spécifique fixage rapide ou direct

Classement / caractéristiques générales et matériels de construction

Lame de déneigement pour les appareils opérationnels en générale (tractopelle, pelles gommées, télescopique et similaires) avec puissance > 80 cv. Equipement de déneigement construit complètement en acier avec caractéristiques mécaniques élevées, avec une spéciale structure d'accrochage à l'équipement opérationnel (il s'accroche de la même façon prévue pour la benne originale).

Aileron antérieur à deux secteurs indépendants avec couteau racleur en acier anti-usure, ou selon demande, en vulkollan. Système antichocs constitué par élastomères spéciaux, qui agissent en traction avec renversement total en avant de chaque secteur et son renvoi en position verticale de travail quand l'obstacle a été passé. Système mécanique d'harponnement (martelets de retenue) qui maintiennent l'aileron en position verticale pendant les normales conditions de déneigement. Système mécanique centrale, qui permet un angle d'oscillation transversale de + 5°. Peinture à four avec traitement spécial antirouille et émail final RAL 2011 (orange). Vanne de surpression pour amortir les coups latéraux, tuyauteries R2 avec raccords et embrayages rapides unifiés.

Fonctionnement

Hydraulique, avec vérins hydrauliques pour l'inclinaison droite/gauche.

Sources d'énergie

Un spécial système hydraulique déjà réalisé sur l'appareil de poussée (il faut un distributeur à double effet).

Commandes pour le mouvement

Commandes (levier ou joystick) déjà prévus sur le véhicule.

Version standard

Petits drapeaux, pieds de dépose, vanne de surpression sur le circuit d'inclinaison droit/gauche et couteau racleur en acier anti-usure.

En option

Lumières d'encombrement, aileron en acier inox, clavier électrique hydraulique 12 Volt radiocommandé, câble électrique bipolaire avec fusible de protection pour le branchement du clavier à la batterie du véhicule, couteau racleur en vulkollan, kit complet pour la structure de fixage de la lame pour Pick up et mini-camions 4x4. Travaux différents sur l'appareil.

Caractéristiques opérationnelles

Cette lame de déneigement est particulièrement indiquée pour les parcours urbains, en présence d'obstacles et infrastructures routières. Possibilité d'exclure le système antichocs frontal avec introduction de n. 4 prises en dotation. Quand le système est désactivé, la lame peut être utilisée, avec modération, comme scrapeur niveleur.



SNOW[®]
SERVICE srl

SNOW SERVICE

**SNOW
PLOUGHS
CS68/6 S
FORKLIFT**



**CS68/6 S
FORKLIFT**



STANDARD VERSION

code	item	weight	with wedge	width (mt)	height (mt)		working width (mt)
					standard	with wedge	
5030250 5410861	CS68/6 S 260	680 (Kg)	720 (Kg)	2,60	0,90	1,05	2,13
5030260 5410861	CS68/6 S 283	730 (Kg)	772 (Kg)	2,83	1,03	1,18	2,32
5030270 5410860	CS68/6 S 306	770 (Kg)	815 (Kg)	3,06	1,03	1,18	2,51
5030280 5410860	CS68/6 S 326	800 (Kg)	850 (Kg)	3,26	1,03	1,18	2,68
5030290 5410860	CS68/6 S 356	850 (Kg)	905 (Kg)	3,56	1,03	1,18	2,92
5030780 5410860	CS68/6 S 380	890 (Kg)	950 (Kg)	3,80	1,03	1,18	3,12

N.B. : the weight of the blade is reduced of 10% approx. if it is equipped with Vulkollan cutting edges.

Classification, general features and manufacturing materials

Snow plough suitable for farm tractors provided with 3-points front forklift, with power of > 80 cv.
 Snow plough equipment with completely steel construction and high mechanical performances, with special coupling structure for the 3-points forklift, typical of the farm tractors.
 2 independent sectors front aileron with scraper cutting edge in wear-preventing steel or, on demand, in Vulkollan.
 Shock absorbing system formed by special elastomers, which act in traction with total onwards overturning of each single sector recalling them in vertical working position when the obstacle has been overcome. Harpooning mechanical system (retaining hammer) which holds the aileron in vertical position during the normal conditions of snow removal. Central mechanic system which allows a transversal pitching angle of + 5°. Oven painting with special rustproof process and enamel finish RAL 2011 (orange).
 Overpressure valve to absorb lateral collisions. Pipes R2 with joints and united fast clutches.

Working

Hydraulic, by means of hydraulic cylinders for right/left inclination.

Energy sources

A specially realized hydraulic system provided in the thrust equipment (a double effect distributor is required).

Movement controls

Controls (levers or joy-stick) already provided on the vehicle.

Standard version

Signal flags, store feet, overpressure valve on right/left inclination circuit and scraper cutting edge in wear-preventing steel.

Optional

Scraper cutting edge in Vulkollan, encumbrance lights, couple of height-adjustable and swivelling slides, couple of height-adjustable and swivelling wheels, moulded wedge in bolted steel or welded on the upper edge of the blade. Various workmanships on the vehicle.

Operating features

This snow plough is particularly suitable for urban routes, with high presence of obstacles and road infrastructures. Possibility to exclude the frontal shock absorbing system by introducing the provided n°4 plugs. If this system is turned off, the equipment could be used, moderately, as a bulldozer.



SNOW SERVICE

SNOW PLOUGH AZS/86





STANDARD VERSION

code	item	weight	with junction box	width (mt)	height (mt)		working width (mt)
					steel	neoprene	
5030310	A2S 86 283	740 (Kg)	800 (Kg)	2,83	1,03	1,18	2,32
5030320	A2S 86 306	770 (Kg)	830 (Kg)	3,06	1,03	1,18	2,51
5030330	A2S 86 326	810 (Kg)	870 (Kg)	3,26	1,03	1,18	2,68
5030340	A2S 86 356	850 (Kg)	910 (Kg)	3,56	1,03	1,18	2,92

N.B.: the blade weight is reduced of 10% approx if it is equipped with Vulkollan cutting edges.

Classification, general features and manufacturing materials

Snow plough for trucks with > 100 quintals loading capacity and farm tractors with power higher than 90 Hp. and weight > 45 quintals. Snow plough equipment with completely steel construction and high mechanical performances, and counter plate with fast coupling according to DIN 76060/A regulations.

2 independent sectors front aileron with scraper cutting edge in wear-preventing steel or, on demand, in Vulkollan.

Shock absorbing system formed by special elastomers, which act in traction with total onwads overturning of each single sector recalling them in vertical working position when the obstacle has been overcome. Harpooning mechanical system (retaining hammers) which holds the aileron in vertical position during the normal conditions of snow removal. Mechanical end-run bars in the position of max inclination to protect the hydraulic cylinders from the inclination. Central mechanic system which allows a transversal pitching angle of + 5° with automatic horizontal blockage of the blade when it is lifted during transfers. Oven painting with special rustproof process and enamel finish RAL 2011 (orange). Overpressure valve to absorb lateral collisions. Pipes R2 with joints and united fast clutches.

Working

Hydraulic, by means of hydraulic cylinders for right/left inclination and lifting/lowering.

Energy sources

24 Volt Electro hydraulic junction box which can be assembled on demand (optional) on snow plough equipment. In alternative a specially realized hydraulic system provided in the thrust equipment (two double effect distributors are required, where one of them provided with floating position).

Mouvement controls

Electric keyboard, with cable of suitable length, linked to the electro hydraulic junction box. In alternative, the controls are already existing on the vehicle if it is provided with appropriate hydraulic system (for example farm tractors).

Standard version

Signal flags, store feet, overpressure valve on right/left inclination system and scraper cutting edge in wear-preventing steel.

Optional

Coupling counter plate with central eyelet (1200x600 mm.) provided with n°4 mechanical bolts, scraper cutting edge in Vulkollan, encumbrance lights, couple of height-adjustable and swivelling slides, couple of height-adjustable and swivelling wheels, couple of additional headlights with support on the counter plate, electro-hydraulic junction box with cable and keyboard, moulded wedge in bolted steel or welded on the upper edge of the blade, protection rubber from splashes, protection PVC adjustable cover from splashes, bipolar electric cable with protection fuse for the connection of the junction box to the vehicle battery. Various workmanships on the vehicle.



SNOW SERVICE

**SNOW
PLOUGH
SRA/S**





SNOW PLOUGH SRA/S 2.83 . 3.06 . 3.26 . 3.56 .
3.80 . 4.00



STANDARD VERSION

code	item	weight	with junction box	width (mt)	height (mt)		working width (mt)
					standard	with wedge	
5030630	SRA 5 306	870 (Kg)	930 (Kg)	3,06	1,03	1,18	2,51
5030640	SRA 5 326	900 (Kg)	960 (Kg)	3,26	1,03	1,18	2,68
5030650	SRA 5 356	940 (Kg)	1000 (Kg)	3,56	1,03	1,18	2,92
5030660	SRA 5 380	970 (Kg)	1030 (Kg)	3,80	1,03	1,18	3,12

N.B.: the blade weight is higher of 6-7% approx when it is equipped with moulded steel wedges.

Classification, general features and manufacturing materials

Snow plough for trucks with > 100 quintals loading capacity and farm tractors with power higher than 90 Hp. And weight > 45 quintals. Snow plough equipment with completely steel construction and high mechanical performances, and counter plate with fast coupling according to DIN 76060/A regulations.

1 sector front aileron with scraper cutting edge in wear-preventing steel. Shock absorbing system formed by a couple of hydraulic cylinders for onwards/backwards aileron movement (impalement), connected to a nitrogen accumulator. Mechanical end-run bars in the positions of max inclination (to protect the hydraulic cylinders from the inclination). Central mechanic system which allows a transversal pitching angle of + 5° with automatic horizontal blockage of the blade when it is lifted during transfers. Oven painting with special rustproof process and enamel finish RAL 2011 (orange). Overpressure valve to absorb lateral collisions. Pipes R2 with joints and united fast clutches.

Working

Hydraulic, by means of hydraulic cylinders for right/left inclination and lifting/lowering. There also are two cylinders for onwards/backwards aileron movement (impalement).

Energy sources

24 Volt Electro hydraulic junction box which can be assembled on demand (optional) on snow plough equipment. In alternative a specially realized hydraulic system provided in the thrust equipment (three double effect distributors are required, where one of them provided with floating position).

Mouvement controls

Electric keyboard, with cable of suitable length, linked to the electro hydraulic junction box. In alternative, the controls are already existing on the vehicle if it is provided with an appropriate hydraulic system (for example farm tractors).

Standard version

Signal flags, store feet, nitrogen accumulator, overpressure valve on right/left inclination circuit and scraper cutting edge in wear-preventing steel.

Optional

Coupling counter plate with central eyelet (1200x600 mm.) provided with n°4 mechanical bolts, encumbrance lights, couple of height-adjustable and swivelling slides, couple of additional headlights with support on the counter plate, electro-hydraulic junction box with cable and keyboard, moulded wedge in bolted steel or welded on the upper edge of the blade, protection rubber from splashes, bipolar electric cable with protection fuse for the connection of the junction box to the vehicle battery. Various workmanships on the vehicle.

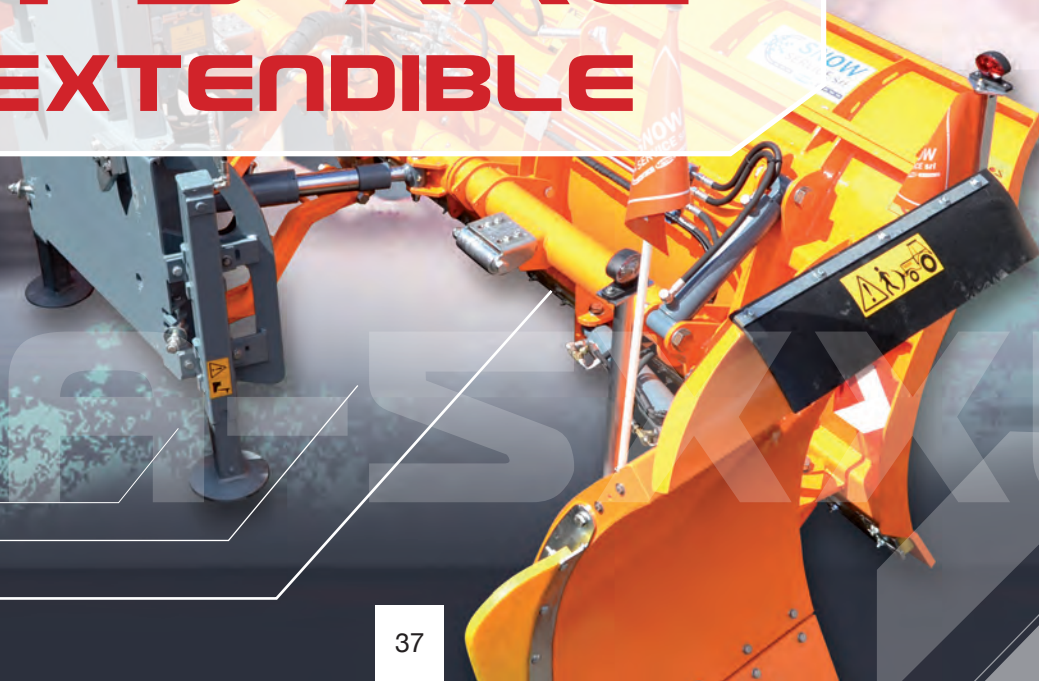


SNOW SERVICE

HIGHWAY SNOW PLOUGH **SRA-S XL**



HIGHWAY SNOW PLOUGH **SRA-S XXL** EXTENDIBLE





HIGHWAY SNOW PLOUGH SRA HIGHWAY SNOW PLOUGH SERIES SRA EXTENDIBLE

STANDARD VERSION

code	item	weight	with junction box	width (mt)	height (mt)	working width (mt)
5030800	SRA - 5 XL	1200 (Kg)	1300 (Kg)	4,00	1,20	3,25
5030870	SRA - 5 XXL	1700 (Kg)	1800 (Kg)	5,60	1,20	4,50

Classification, general features and manufacturing materials

Snow plough for trucks with > 100 quintals loading capacity and farm tractors with power higher than 130 Hp. and weight > 60 quintals.

Snow plough equipment with completely steel construction and high mechanical performances, and counter plate with fast coupling according to DIN 76060/A regulations (on demand, it is available a 1200x600 mm. coupling with n° 4 mechanical hooks).

1 sector front aileron with scraper cutting edge in wear-preventing steel (model SRA-5 XL), while in the model SRA-5 XXL there are two lateral ailerons with hydraulic opening / closing of 800 mm. Shock absorbing system composed by a couple of pneumatic cylinders for the aileron forwards/backwards movement (IMPALEMENT), connected to a nitrogen accumulator. End-run mechanical bars in the positions of max inclination (to protect the hydraulic cylinders from the inclination). Central mechanic system which allows a transversal pitching angle of + 5° with automatic horizontal blockage of the lifted blade during the transfer. Oven painting with special rustproof process and enamel finish RAL 2011 (orange). Overpressure valve to absorb lateral collisions. Pipes R2 with joints and united fast clutches.

Working

Hydraulic, by means of hydraulic cylinders for right/left inclination and lifting/lowering, two hydraulic cylinders for the onwards/backwards movement of aileron (impalement), hydraulic feet for blade coupling. In the snow plough series SRA-5 XL, there also are two double effect cylinders for the connection / disconnection of the second cutting edge in Vulkollan; while in the snow plough series SRA-5 XXL there are two double effect cylinders for the opening / closing of the side wings.

Energy sources

24 Volt Electro hydraulic junction box which can be assembled on demand (optional) on the counter plate of the snow plough equipment. In alternative a specially realized hydraulic system provided in the thrust equipment.

Movement controls

Electric keyboard, with cable of suitable length, linked to the electro hydraulic junction box.

SNOW PLOUGH **BES14**





SNOW PLOUGH B3S14



BASIC VERSION

model	weight	with junction box	width (mt)	height (mt)			working width (mt)
				center	wings	n°sector	
B3S14/28	1100 (Kg)	1160 (Kg)	2,80	1,07	1,20	3	2,32
B3S14/30	1150 (Kg)	1210 (Kg)	3,00	1,07	1,20	3	2,51
B3S14/33	1200 (Kg)	1260 (Kg)	3,30	1,07	1,20	3	2,71
B3S14/36	1400 (Kg)	1460 (Kg)	3,60	1,07	1,20	4	2,90
B3S14/40	1600 (Kg)	1660 (Kg)	4,00	1,07	1,20	4	3,20

Classification, general features and manufacturing materials

Snow plough for trucks with > 100 quintals loading capacity and farm tractors with power higher than 90 Hp. and weight > 45 quintals. Snow plough equipment with completely steel construction and high mechanical performances, and counter plate with fast coupling according to DIN 76060/A regulations. Front aileron divided in n° 3 independent section . anti shock system by polyurethane anty-shock absorbing on the blade and rods (n° 4 for each section) for the lifting of the section . Mechanical end-run for the max orienting of the snow plough (to protect the orienting cylinder from the lateral shock) , central Tilt to adapt the plough to the ground (lateral movement +- 5°) with automatic horizontal blockage of the blade when it is lifted during transfers. Oven painting with special rustproof process and enamel finish **RAL 2011** (orange). Overpressure valve to absorb lateral collisions. Pipes R2 with joints and united fast clutches.

Working

Hydraulic, by means of hydraulic cylinders for right/left inclination and lifting/lowering.

Energy sources

24 Volt Electro hydraulic junction box which can be assembled on demand (optional) on snow plough equipment. In alternative a specially realized hydraulic system provided in the thrust equipment (two double effect distributors are required, where one of them provided with floating position).

Mouvement controls

Electric keyboard, with cable of suitable length, linked to the electro hydraulic junction box. In alternative, the controls are already existing on the vehicle if it is provided with appropriate hydraulic system (for example farm tractors).

Standard version

Signal flags, store feet, overpressure valve on right/left inclination cylinder , pair of slides , parking feet.

Optional

Scraper cutting edge in Vulkollan, working lights, couple of height-adjustable wheels , couple of additional headlights with support on the counter plate, electro-hydraulic junction box with cable and keyboard, protection rubber from splashes, protection PVC adjustable cover from splashes, bipolar electric cable with protection fuse for the connection of the junction box to the vehicle battery.



SNOW SERVICE

V SNOW PLOUGH VMR





V SNOW PLOUGH VMR

STANDARD VERSION

code	item	weight	with junction box	height (mm)		larghezza di lavoro (mt)		
				in head	wings ends	as a wedge	as a blade	max during transfer
5030410	VMR-2	900 (Kg)	960 (Kg)	880	1320	2,60	2,25	2,98
5030420	VMR-3	1000 (Kg)	1060 (Kg)	880	1400	3,00	2,50	3,35
5030430	VMR-3R	1130 (Kg)	1190 (Kg)	1000	1480	3,00	2,50	3,60

N.B. : tolerance on weight and dimensions + 3%

Classification, general features and manufacturing materials

V Snow ploughshare suitable for high snowfalls, preferably coupled to trucks with > 100 quintals loading capacity and farm tractors with power higher than 90 Hp. and weight > 45 quintals; farms tractors or rubber blades with 90 hp. power.

V snow ploughshare with variable geometry with completely steel construction and high mechanical performances, and counter plate with fast coupling according to DIN 76060/A regulations.

1-piece main body, ship-bow shaped, WITHOUT visible joints. Outer wings for independent movement, hinged to the central body, and the joints group completely protected from the front collisions. Scraper cutting edges in wear-preventing steel with staggered holes in double row. Adjustable incidence (angle of lengthwise pitching) by means of a mechanical / manual system (third upper point), or, on demand, by means of an automatic / hydraulic system. Mechanical end-run catches for the positions of max inclination (to protect the hydraulic cylinders from the wings movement). Shock absorbing system formed by a nitrogen accumulator included into the hydraulic circuit of cylinders which are addressed to wings movement, together with the overpressure valves. Coupling mechanical system of the counter-plate to the main body which allows a transversal pitching angle of + 5° with automatic horizontal blockage of the blade when it is lifted during transfers. Oven painting with special rustproof process and enamel finish RAL 2011 (orange). Pipes R2 with joints and united fast clutches. The V ploughshare can take the position of a wedge (wings angle of 90°), of bended blade completely on the right or on the left (angle of 45°) and of inverse wedge (spoon-shaped) with inner angle of 40°, in addition to all the intermediate positions.

Working

Hydraulic, by means of double effect hydraulic cylinders for independent movement of each single wing and for lifting/lowering.

Energy sources

24 Volt electro hydraulic junction box which can be assembled on demand (optional) on snow plough equipment.

In alternative a specially realized hydraulic system provided in the thrust equipment (three double effect distributors are required, where one of them provided with floating position).

Movement controls

Electric keyboard, with cable of suitable length, linked to the electro hydraulic junction box. In alternative, the controls are already existing on the vehicle if it is provided with an appropriate hydraulic system (for example farm tractors).

Standard version

Signal flags, nitrogen accumulator, adjustable upper tie-rod (third point), scraper cutting edge in wear-preventing steel.

Optional

Coupling counter plate with central eyelet (1200x600 mm.) provided with n°4 mechanical bolts, encumbrance lights, couple of height-adjustable and swivelling slides, couple of additional headlights with support on the counter plate, electro-hydraulic junction box with cable and keyboard, double effect hydraulic cylinder to change the lengthwise pitching angle (incidence) , protection rubber from splashes, bipolar electric cable with protection fuse for the connection of the junction box to the vehicle battery. Various workmanships on the vehicle.



SNOW SERVICE

SPREADER

SERIES **K2**



SERIES K2
SPREADER



SPREADER SERIES K2



STANDARD VERSION

code	item	empty weight (kg)	max hopper capacity (lt)	drive (km)	spreading width (mt)
5010480	K2	850	1,40	18	2 - 8

OPTIONAL

code	
5310040	Rear panel with left side obligation indicator, provided with support
5310162	PVC covering sheet
5310004	Hydraulic system with electro valves (12 V.) and control panel
5310005	Front or rear coupling plate to the operating device

Classification, general features and manufacturing materials

Self-loading salt spreader for farm and operating devices.

Steel hopper, main frame, cochlea and crusher shaft with high mechanical features. Stainless steel spreading disk. Main frame provided with 2 hydraulic cylinders for self-loading.

Oven painting with special rustproof process and enamel finish RAL 2011.

Pipes R2 with fast bayonet fitting 1/2" male.

Working

By means of the vehicle hydraulic system. In the standard version, 3 double effect distributors are required. In the optional version, with control panel code 5310004, only one double effect distributor is required. In all cases, it is always possible to adjust the quantity of the defrosting material and the width of the spreading fan.

Standard version

3-points connection, sieve, store feet, lighting and visual signalling devices, n°6 pipes with united fast clutches.

Optional

Rear panel with left side obligation indicator, PVC covering sheet, hydraulic system with electro valves (12 V.) and control panel. Front or rear coupling plate to the operating device.



SNOW SERVICE

SALTSPREADER NEVADA 500/800



NEVADA
SALTSPREADER



code	model	empty weight (kg)	hopper capacity (lt)	Drive (km)	spreading width (mt)
5010240	NEVADA 500	140	0,500	6	1,5 - 8
5010241	NEVADA 800	150	0,800	8	1,5 - 8

Classification, general features and manufacturing materials

Electric salt spreader for vehicles such as Pick Up, mini-trucks, and similar.

The machine is completely in stainless steel. Steel cochlea with high mechanical performances, with special rust preventer treatment.

Two independent electric motors with reducer; one for cochlea working and the other one for spreading disk working.

Working

Electric, by means of connection to vehicle battery (12 V.).

Dimensions

Minimum supporting base 1,40 x 0,80 mt.

Charging hole 1,30 x 1,20 mt.

Height of the charging hole from the large case surface: from 750 to 1000 mm.

Standard version

Sieve, PVC covering sheet, outer vibrator (12 V.), rear panel with left side obligation indicator, bipolar cable for the connection to vehicle battery, fixing kit on the vehicle

(chains, buttonholes, turnbuckle or belts with jack). Keyboard with all spreading activation and adjustment functions

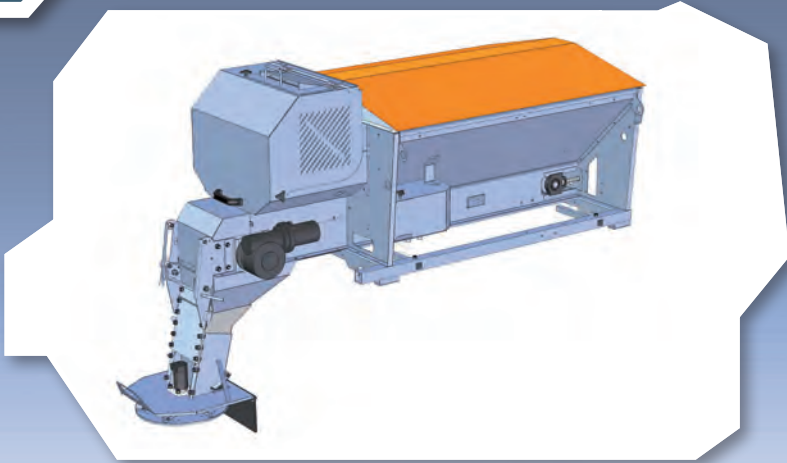


SNOW SERVICE

SALT SPREADER

SERIES **SPR 400**





VERSIONE BASE

code	item	empty weight (kg)	hopper capacity (lt)	Drive (km)	spreading width (mt)
5010080	SPR-400/500	330	520	5,5	1,5 - 10
5010090	SPR-400/750	350	780	8	1,5 - 10
5010100	SPR-400/1050	380	1050	12	1,5 - 10
5010110	SPR-400/1500	410	1380	16	1,5 - 10

Classification, general features and manufacturing materials

Salt spreader, STEEL series for motor vehicles with < 60 quintals loading capacity. AISI304 stainless steel hopper, main frame, queue and spreading disk.

The salt dragging is by means of a honeycomb belt in AISI 316 stainless steel. Hydraulic motor reducer to activate the conveyor and an orbital hydraulic motor to activate the spreading disk.

Working

Hydraulic, by means of a specially realized system, assembled on the vehicle foreseen for the transport or, in alternative, by means of an hydraulic system powered by an auxiliary motor which is integral part of the spreader.

Standard version

Sieve, hydraulic system suitable for connection to hydraulic sources already available on the vehicle, electric system IP55/65 12 Volt, flashing light and rear working headlight, Bipolar cable for the connection to vehicle battery. Keyboard with all spreading activation and adjustment functions. Hopper painting RAL 2011.

Optional

Fuel or diesel auxiliary motor for independent working, keyboard with GPS form for Speedo metric spreading, PVC covering sheet, rear panel with left side obligation indicator, asymmetric spreading kit with button on the keyboard, salt missing sensor with alarm warning light on the keyboard, outer vibrator with control on the keyboard, series of store feet with handle, fixing kit on the vehicle (chains, buttonholes, turnbuckle or belts with jack). Expert assembly on the vehicle.



SNOW SERVICE

SALT SPREADER SPR 2000



SPR2000
SALT SPREADER



STANDARD VERSION

code	item	empty weight (kg)	hopper capacity	Drive (km)	spreading width (metros)
5010160 1220600	SPR - 2000 C manual feet	600	1800 / 2000	22	2 - 12
5010160 1220900	SPR - 2000 C automatic feet	650			

Classification, general features and manufacturing materials

Salt spreader, STAINLESS STEEL series for motor vehicles with > 90 quintals loading capacity.

Hopper, main frame, queue, and spreading disc in stainless steel AISI 304.

Honeycomb driving conveyor in stainless steel AISI 316 or in rubber.

Hydraulic motor reducer to activate the conveyor and an orbital hydraulic motor to activate the spreading disk.

Working

Hydraulic, by means of a specially realized system, assembled on the vehicle foreseen for the transport or, in alternative, by means of an hydraulic system powered by an auxiliary motor which is integral part of the spreader.

Standard version accessories

Sieve, hydraulic system suitable for connection to hydraulic sources already available on the vehicle, electric system IP55/65 12 or 24 Volt, flashing light and rear working headlight, bipolar cable for the connection to vehicle battery.

Keyboard with all spreading activation and adjustment functions.

Hopper painting RAL 2011.

Optional

Diesel auxiliary motor for independent working, 12/24 Volt converters kit,

keyboard with GPS form for Speedo metric spreading, PVC covering sheet, rear panel with left side obligation indicator, asymmetric spreading kit with button on the keyboard, salt

missing sensor with alarm warning light on the keyboard, outer vibrators with button on the keyboard, series of store feet, access ladder for hopper inspection, fixing kit on the vehicle (chains, buttonholes, turnbuckle or belts with jack), humidification kit, couple of high visibility headlights, rear bar with relay headlights group, self-centering side rollers kit. Expert assembly on the vehicle.



SNOW SERVICE

**SALT
SPREADER
DUAL SERIES
3000.4000.5000
CS-GS**



**DUAL
SALT SPREADER**



STANDARD VERSION WITH HONEYCOMB STAINLESS STEEL CONVEYOR

code	item	empty weight (mm)	hopper capacity	Drive (Km)	spreading width mt
5010490	D 3000 CS	850	3000	35	2 - 12
5010500	D 4000 CS	950	4000	48	
5010510	D 5000 CS	1100	5000	58	

STANDARD VERSIONS WITH RUBBER CONVEYOR

code	item	empty weight (mm)	hopper capacity	Drive (Km)	spreading width mt
5010520	D 3000 GS	850	3000	35	2 - 12
5010530	D 4000 GS	950	4000	48	
5010540	D 5000 GS	1100	5000	58	

Classification, general features and manufacturing materials

Salt spreader, STAINLESS STEEL series for motor vehicles with > 90 quintals loading capacity.

Hopper, main frame, queue, and spreading disc in stainless steel AISI 304.

Honeycomb driving conveyor in stainless steel AISI 316 or in rubber.

Hydraulic motor reducer to activate the conveyor and an orbital hydraulic motor to activate the spreading disk.

Working

Hydraulic, by means of a specially realized system, assembled on the vehicle foreseen for the transport or, in alternative, by means of an hydraulic system powered by an auxiliary motor which is integral part of the spreader.

Standard version

Sieve, hydraulic system suitable for connection to hydraulic sources already available on the vehicle, electric system IP55/65 12 or 24 Volt, flashing light and rear working headlight, bipolar cable for the connection to vehicle battery.

Keyboard with all spreading activation and adjustment functions.

Hopper painting RAL 2011.

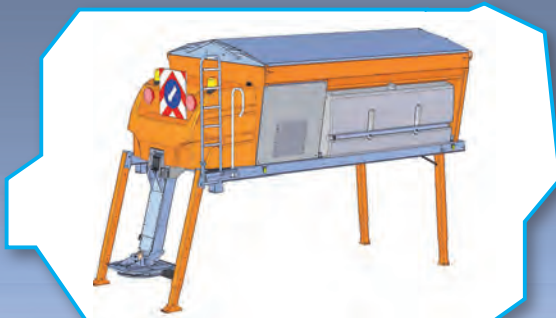
Optional

Diesel auxiliary motor for independent working, 12/24 Volt converters kit, keyboard with GPS form for Speedo metric spreading, PVC covering sheet, rear panel with left side obligation indicator, asymmetric spreading kit with button on the keyboard, salt missing sensor with alarm warning light on the keyboard, outer vibrators with button on the keyboard, series of store feet, access ladder for hopper inspection, fixing kit on the vehicle (chains, buttonholes, turnbuckle or belts with jack), humidification kit, couple of high visibility headlights, rear bar with relay headlights group, self-centering side rollers kit. Expert assembly on the vehicle.

SALT SPREADER

**SERIES 6000 / 7000
8000 / 9000**





STANDARD VERSION

code	model	support base (mm)	empty weight (kg)	capacità tramoggia (lt)	drive (km)	Ispreading width (mt)
5010320 5010350	SPR-6000 SPR-7000	4500 (circa) 4500 (circa)	2450 2450	8000 8000	48 48	2 - 12
5010330 5410360	SPR-6000 SPR-7000	4500 (circa) 4500 (circa)	2600 2600	9000 9000	54 54	

code	model	support base (mm)	empty weight (kg)	capacità tramoggia (lt)	drive (km)	Ispreading width (mt)
5010320 5010350	SPR-8000 SPR-9000	5500 (circa) 5500 (circa)	2450 2450	8000 8000	48 48	2 - 12
5010330 5410360	SPR-8000 SPR-9000	5500 (circa) 5500 (circa)	2600 2600	9000 9000	54 54	

N.B. highway drive with spreading width of 10,5 mt.

Classification, general features and manufacturing

Salt spreader, STEEL series for motor vehicles with > 180 quintals loading capacity.

Available in two versions:

one completely in AISI 304 stainless steel

the other one having the hopper and the main frame in FE420. Queue, spreading disc, channel containing the driving belt in AISI 304 stainless steel.

The two versions have a honeycomb belt, which drives the salt, in AISI 316 stainless steel.

Hydraulic motor reducer to activate the belt and an orbital hydraulic motor to activate the spreading disc.

Working

Hydraulic, by means of a specially realized system, assembled on the vehicle foreseen for the transport or, in alternative, by means of an hydraulic system powered by an auxiliary motor which is integral part of the spreader.

Standard version

Sieve, hydraulic system suitable for connection to hydraulic sources already available on the vehicle, electric system IP55/65 24 Volt, flashing light and rear working headlight, salt missing sensor kit, inner vase to lower the weight on the salt driving belt.

Bipolar cable for the connection to the vehicle battery. Frame and hopper painting RAL 2011.

Keyboard with all spreading activation and adjustment functions.

Optional

Diesel auxiliary motor for independent working, keyboard with GPS form for Speedo metric spreading, PVC covering sheet, rear panel with left side obligation indicator, asymmetric spreading kit with button on the keyboard, outer vibrators with button on the keyboard, series of store feet, access ladder for hopper inspection, fixing kit on the vehicle (chains, buttonholes, turnbuckle or belts with jack), humidification kit, rear fibreglass cover, couple of high visibility headlights, rear bar with relay headlights group, self-centering side rollers kit. Expert assembly on the vehicle.



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YUKON

400 / 500 / 2000

SPREADING

SALT / SAND / FILLER / ABSORBENT



YUKON



Towbar



Rear bar with lights and holder



**Flashing light 12/24 V
wedges for parking**



Parking feet

BASIC VERSION

code	model	Weight (kg)	capacity (lt)	distance (km)	spreading width (mt)
5010200	YUKON 400	165	400	12	1.00
5010210	YUKON500	185	500	16	1.00
5010210	YUKON 2000	310	900	26	2.10

Classification /General Characteristic

Suitable for use with towed gritters: pick up, jeep, tractors up to 70 hp, trucks. Hopper sheet steel welded treated with special anti-corrosion coating, mechanical parts treated with zinc plating. Spreading roller with cam interchangeable shaft crusher with teeth which are also interchangeable. Drawbar height adjustable full of ball hook or alternatively with hook eye. Headlights regulatory scrutiny in steel mesh.

Types of shedding

Salt-sand-filler-absorbent.

Function

Transmission by tires with synchronized spreading through feed speed.

Basic Version

Screening net, wedges for parking, rear bar with lights and holder, flashing light, towbar.

Optional

Electric on/off spreading (by remote control), pvc cover, hopper capacity 700 il, electric vibrator 12/24V.

SNOW SERVICE srl

Sede Legale e Operativa

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SNOW SERVICE



Italia

DUAL
3000 / 4000 / 5000 / 6000
FILLER SPREADER



SNOW SERVICE SRL can customize the equipment in function of special customer's request

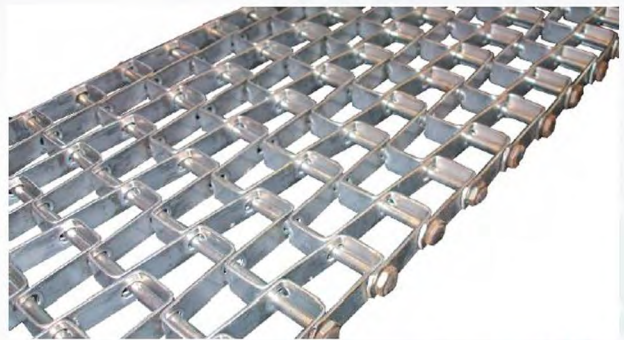
DESCRIPTION :

Hopper, frame and spreading disc all in stainless steel .
 The spreading of the material is made by a special stainless steel chain so that the machine can spread material in each situation .
 The Filler spreader is equipped by an independent hydraulic system controlled by an auxiliary engine mounted on the machine .
 In alternative the machine can work by the hydraulic system of the truck (if is present) .
 In the rear part of the spreader you find a special spreading system , made by rolling slides rails .
 Outside of each slides there is a pvc sheet in order to have a perfect seal and avoid the dispersion of dust during use .
 The spreading width is made by the rolling slides rails and the remote control ECOMATIC GPS .

REGULATION OF SPREADING WIDTH
 minimum position of spreading - 2.20 mt
 maximum position of spreading - 5.00 mt



SPREADING STAINLESS STEEL CHAIN



REMOTE CONTROL ECOMATIC GPS



The equipment is totally controlled by the remote control ECOMATIC GPS , specifically rescheduled to manage the spreading of very fine materials like sand, filler or similar .
 Through the GPS system the machine can spread in function of the speed of the truck .



SNOW SERVICE

WASHING SYSTEM

MULTIPURPOSE WATER MODULES





Operational Characte

The water multipurpose module, used with pumps with high, medium and low pressure, it is a simple and extremely effective way to quickly solve the following needs: spraying green areas transport non-potable water for different uses washing and sanitizing public places (public baths, subways, tunnels, etc.).

Washing shelters for public use (eg. bus stop) washing and disinfection of containers for garbage collection, such as baskets, bins SRU, bells for collection shedding herbicides and pest control green areas from insects and pests Dry roads, pedestrian pathways, parking etc... shedding saline antighiacciante felling fine particles (PM10) by dissolution in water of particular ecological product derived from agriculture.

With high-pressure pumps and with the use of appropriate lances, you can use for extinguishing forest fires of small entity.

Other uses with high blood pressure are:

- cleaning of the walls daubed with inscriptions and paintings disfiguring.
- washing hydrodynamic sewers **CANAL-JET**

Features energy sources, frames and liquid containers

All modules can be operated trammite multipurpose water system (PTO/HYDRAULIC) of the medium in which they are installed, or trammite the aid of an auxiliary motor gasoline or diesel or electric.

Thanks constructed of fiberglass or stainless steel 304/316, are housed in special steel frames constructed according to the characteristics size of the vehicles on which they should be installed.

Each tank and "breakwater with internal useful to avoid oscillations of the vehicle that may impair driving, have addition of filler to a crawl, bubble level external verification, pipe with ball valve for filling and emptying, in the case of AIB fire protection modules (woodland) tanks are equipped with multiple suction ensures that the aspiration of the fluid also when the vehicle is on an incline.



ARMS/BARS WASHER





STREET WASHER BARS

The bars street washers are constructed entirely of stainless steel 304 or 316, depending on the use and the medium on which they should be installed. The nozzles, which are installed, may have different measurements of length and diameter. The nozzles, which are installed, are all adjustable, can be both plastic and steel sections have different spray helpful to carry out any kind of washing. All bars can be installed before or after, both on trucks on cars, the attack on the mid can be using a special plate din or on a suitable support built in doc. E can be applied to each bar in a system of horizontal and vertical movement, which can work by electric or hydraulic cylinders, all controlled by the half of the cabin.



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ITALY**



Italia

HYDRAULIC FRONT ARM

BLT45

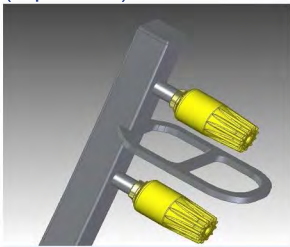


SNOW SERVICE SRL can customize the equipment in function of special customer's request

DESCRIPTION: Hydraulic front arm made of steel with high mechanical characteristics to maintain a very low weight. The articulated arm BLT 45 is equipped with counter plate DIN 76060 A/B and is completely articulated in all his movements, can work on both sides (right and left) without any limitation . On the final part of the arm it is mounted a turning head (360°) that allows the washing bar to work in all positions . In the lower part there is a washing street bar , with hydraulic lifting and orientation . The BLT 45 operates by an electro hydraulic block equipped with proportional valves to maintain a sensitive and precise movement of the hydraulic cylinder , it is commanded by a multi-directional joystick that is mounted in the truck cabin.

FIELDS OF APPLICATION : The equipment BLT 45 is, primarily, designed for washing of road signs , however, it is also used for washing tunnels, cleaning noise barriers, vertical walls and stained glasses .

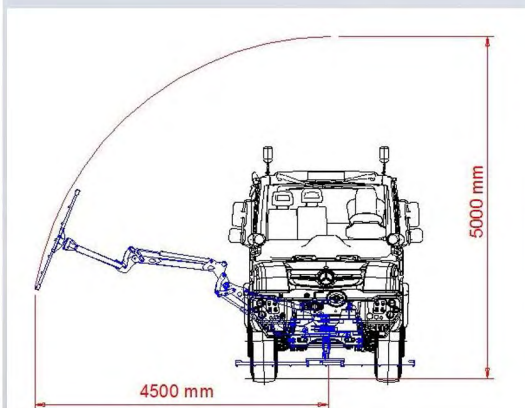
ROTATING NOZZLES (optional)



ROTATING HEAD NOZZLES (optional)



MAXIMUM EXTENSION BLT 45



REMOTE CONTROL

Remote control will be installed inside the cabin of the truck. It is equipped with a multi-direction joystick to control all the movements of the arm.

With the remote control you can also access to other commands (on/off engine on the rear module , on/off water valve , on/of lamp and light) .





SNOW SERVICE



Italia

NEW-JERSEY WASHER BLNY



TECHNICAL DESCRIPTION : BLNY is a lateral arm developed for wash new jersey, guard rail and road vertical signs . The machine is complete of DIN 76060 A / DIN 76060 B attachment (the same plate of the snow plough) and is completely hydraulic working. By the hydraulic translation the machine can work on left and right side, there is also an hydraulic cylinder for lifting.

HYDRAULIC SYSTEM : n°1 distributor double effect for brush (40 lt/min – 90 bar of working) – n°1 distributor double effect for lifting cylinder (20 lt/min – 90 bar working) – n°1 distributor double effect for translation (20 lt/min – 90 bar working).



Brush ø 800 mm with protection cover in ppl , mechanical inclination of the brush (to adapt at the various type of washing work).



Stainless steel bar with special rotary nozzle for high pressure washing.



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HYDRAULIC FRONT BRUSH

BLG



SNOW SERVICE SRL can customize the equipment in function of special customer's request

DESCRIPTION: Hydraulic front arm made of steel with high mechanical characteristics to maintain a very low weight. The articulated arm BLG is equipped with counter plate DIN 76060 A/B and is completely articulated in all his movements, can work on both sides (right and left) without any limitation . On the final part of the arm is it mounted a brush with Diameter 800 mm and height 600 mm move by an hydraulic motor. Near the brush is it present a protection with spray bar and nozzles , to wash / wet the washing area .

The machine work by the hydraulic system of the truck , need n°3 distributor double effect , one with flow minimum 25 lt/min . In the rear part of the truck must be present a tank with pump .

FIELDS OF APPLICATION : The equipment BLG is, primarily, designed for washing of road side reflectors , however, it is also used for washing guard rail and new jersey .



BLG in transfer position



Washing brush with washing bar

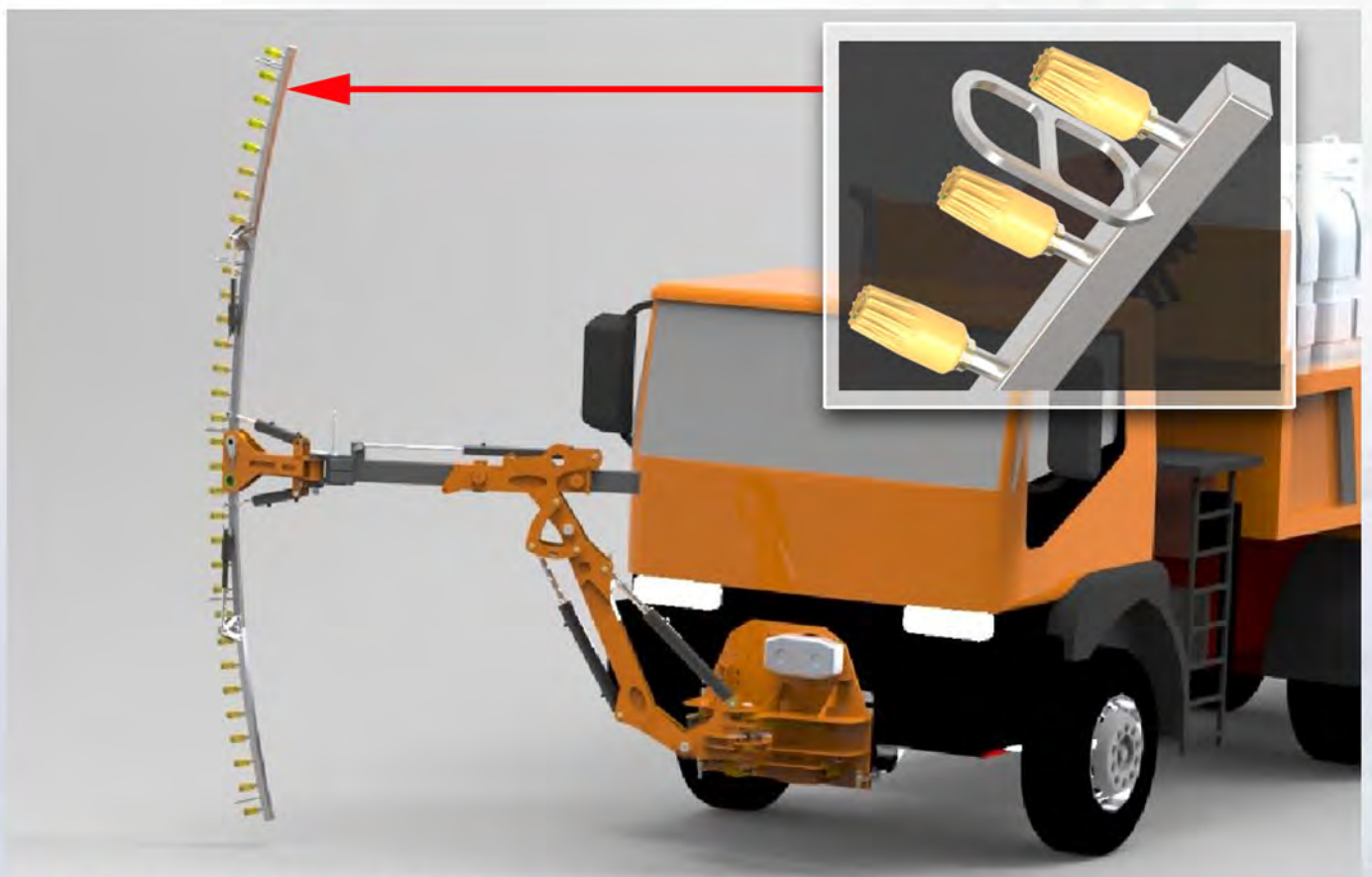




Italia

WASHING BAR WITH ROTARY NOZZLE

BLTGR



WHAT ARE THE ADVANTAGES OF WASHING WITH HIGH PRESSURE NOZZLES THAN BRUSHES?

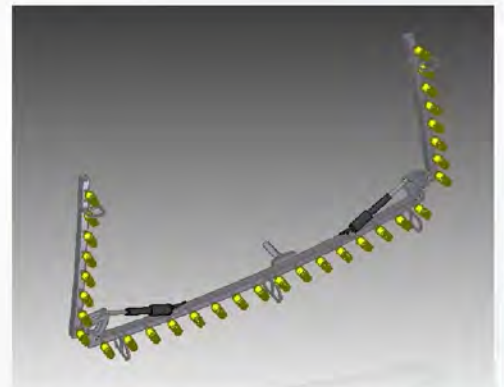
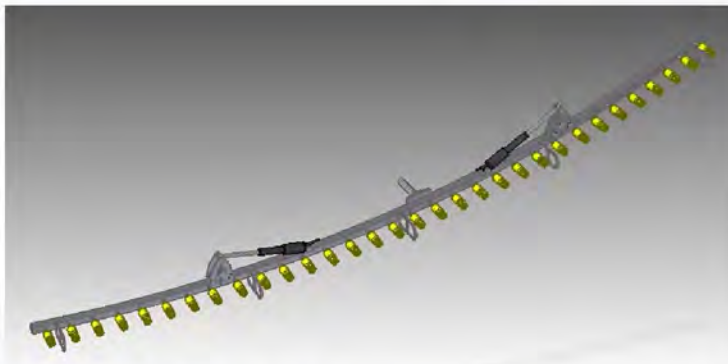
1.Speed. The working speed with this special nozzle it was equivalent to at least 50% higher than brush operating speed.

2.Management costs. The nozzles have a cost of management / maintenance almost zero, while the brush must be replaced every 50/80 hours of working.

DESCRIPTION : High pressure washing bar totally in stainless steel, built in tubular framework allows the passage of water at very high pressure, whereas an excellent structural strength. The washing bars can be realized according to the specific demands of the customer and can be equipped with articulated joints for the closure of the ends, useful during the transfer operation (returning always in shape to the vehicle). The opening and closing of the ends of the bar can be controlled by hydraulic cylinder or by electric actuators (12V / 24V). Thanks to action of the special rotary jets and pressure given by the water pump (mounted on the rear module) an optimal washing result is guaranteed on each type of wall.

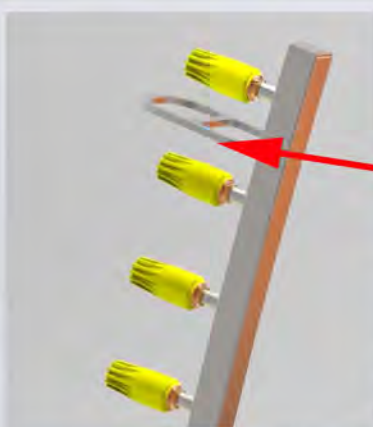
FIELDS OF APPLICATION : washing of tunnel, noise barriers, vertical wall, stained glass and road signs.

NOTE: Snow Service srl can customize the equipment in function of the special customer's request.



REQUIRED WATER FEATURES

WASHING AREA	BAR WIDTH	N°NOZZLES	FLOW MIN.	P. MIN.	P.MAX
2000 mm	2000 mm	16	112 lt/min	100 bar	160 bar
3000 mm	3000 mm (1+2)	24	168 lt/min	100 bar	160 bar
4000 mm	4000 mm (1+2+1)	32	224 lt/min	100 bar	160 bar



PROTECTION AGAINST SHOCKS TO PREVENT DAMAGE TO THE NOZZLES.

THE WORKING WIDTH FROM THE WALL MUST BE FROM 300 mm. TO 500 mm .



EFFECT TO THE ROTARY NOZZLES ON THE WALL

WASHING BAR WITH ROTARY NOZZLES

BLTTR



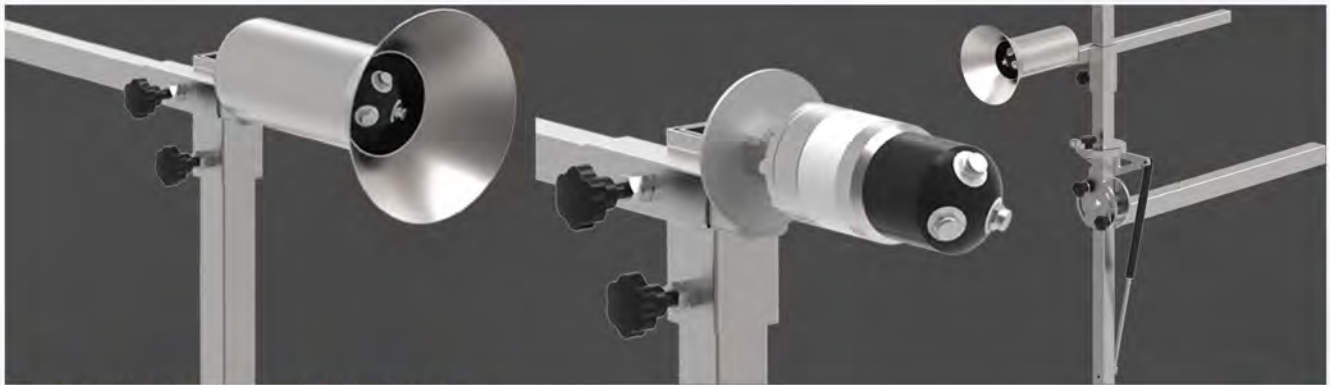
WHAT ARE THE ADVANTAGES OF WASHING WITH HIGH PRESSURE NOZZLES THAN BRUSHES?

- 1.Speed.** The working speed with this special nozzle it was equivalent to at least 50% higher than brush operating speed.
- 2.Management costs.** The nozzles have a cost of management / maintenance almost zero, while the brush must be replace every 50/80 hours of working.

DESCRIPTION: Stainless steel structure of support in tubular, complete of joints and extension to adjust the width of the rotating head from the wall. The rotating head can be mounted on fixed washing bars (mounted in the side of the truck) or on hydraulic arm BLT 3000 (allow the work in many position). The rotating nozzles are a new technology used to obtain a similar cleaning action of the mechanical brush in use nowadays. The rotating head are made by a composite cylindrical and a rotating head which support n°3 nozzles. Through the high pressure this n°3 nozzles revolve carrying a cleaning action very effective.

FIELDS OF APPLICATION: washing tunnel, noise barriers, vertical wall, stained glass and road signs.

NOTE: Snow Service srl può apportare modifiche sull'attrezzatura in funzione di specifiche richieste



REQUIRED WATER FEATURES

WASHING AREA	BAR WIDTH	N°HEAD NOZZLE	FLOW MIN.	P. MIN.	P. MAX
2000 mm	1000 mm	2	90 lt/min	150 bar	220 bar
3000 mm	2000 mm	3	130 lt/min	150 bar	220 bar
4000 mm	3000 mm	4	170 lt/min	150 bar	220 bar



PROTECTION AGAINST SHOCKS TO PREVENT DAMAGE TO THE NOZZLES.

THE WORKING WIDTH FROM THE WALL MUST BE FROM 500 mm. TO 700 mm.



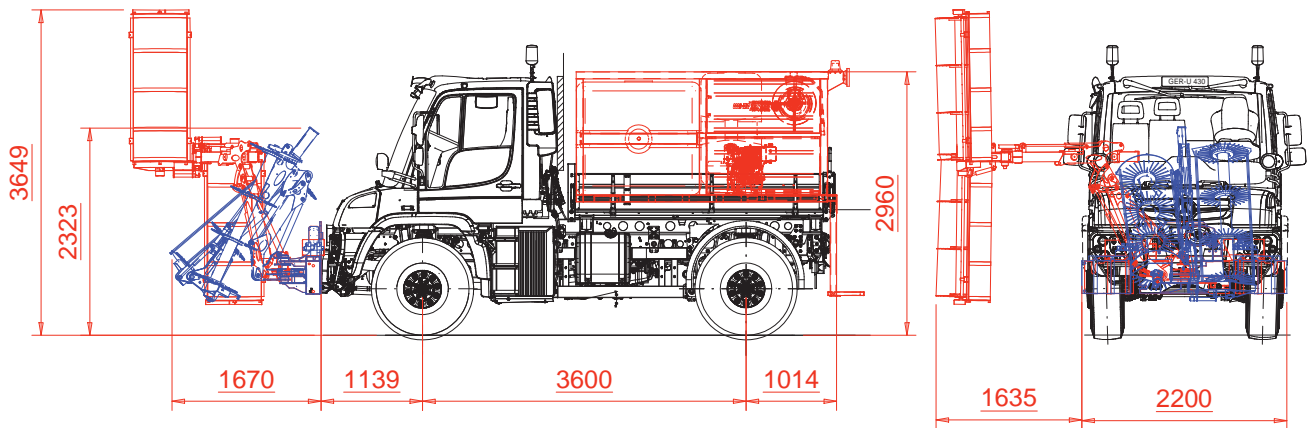


SNOW SERVICE

TUNNEL CLEANER BLT30000



TUNNEL
CLEANER
BLT30000



BLT 3000

BLT 3000 is an interchangeable equipment designed and constructed to wash the internal wall of the tunnel . Changing the brush with special rotary nozzles is possible to do every kind of vertical washing (noise barriers , road signs , photo voltaic panels) . the equipment is divided in n°2 unit a) front TONNEL CLEANER b) rear MIP 3000.

Tunnel cleaner

On the tunnel cleaner are installed the two brush that clean the wall with the help of high pressure water and detergent . the two brush work by two independent hydraulic motor , all the movement are control by hydraulic cylinder . A shock proof valve is installed on rotation of the arm , this valve ensures no damage if the arm should trapped on a obstacle . On each brush are installed a group of ultrasound sensor to maintain the brush close the wall . each brush have a pvc protection to avoid that the detergent should be on the road surface .between the cabin of the track and the arm are installed n°2 stainless steel bar with high pressure nozzle to wash where the brush can't arrive (vertical sign) . the arm is equipped with DIN 76060 A/B attachment , the arm also need a connection to the PTO of the track .

Mip 3000

The multipurpose water module is constituted from a frame and all the parts inside this :

- N° 3 tank capacity 1000 lt (each) for the water
- N° 1 tank capacity 1000 lt for mix detergent/water
- N°1 tank 30 lt for only detergent
- Auxiliary diesel engine 19 hp (if you want to use the only MIP on a track with out hydraulic system)
- Heat exchanger for oil
- Rear bar with light
- Rear ladder
- N° 2 Rear hose reel

The rear module as the front arm are control by a remote control inside the cabin of the track , by this remote control you have access at all the function of the equipment .

On the rear module there is a second remote control where the operator can control all the function of the rear MIP 3000.



SNOW[®]
SERVICE srl

SNOW SERVICE

SWEPPERS SERIE SPC



	SPC 1600	SPC 1800	SPC 2000	SPC 2200
WORKING WIDTH(mm)	1600	1800	2000	2200
WORKING WIDTH WITH LATERAL BRUSH(mm)	1900	2100	2300	2500
TANK CAPACITY (lt)	100	100/200	200/300	300
CAPACITY WASTE COLLECTION (lt)	160	180	200	230
WEIGHT BASIC VERSION (kg)	340	360	380	440
WEIGHT WITH WASTE COLLECTION(Kg)	410	440	470	520
WIGHT FULL OPTIONAL VERSION(kg)	470	500	530	590

Structure

Bearing body consist of tubular and sheet steel. Steel frame for quick attachment of your choice:

Lift front/ rear three-point tractor - quick connect DIN 76060 - quick release for front loaders, machines or telescopic arms. Ability to tilt to the roller sweeping through a tie-rod cylinder with mechanical or hydraulic (optional). The body of the sweeper in the operating phase on the road surface, is supported by No. 2 or 3 rubber wheels pivoting.

(The third rubber is constrained by the presence or less of the binder front fot the collection). The sweeping roller is constituted by rings interchangeable with a diameter of 600 mm, the ring can be provided in plastic material, steel or mixed. the pressure in earth is the roller brush that side brush can be adjusted by two cranks placed at the two ends of the sweeper.

Waste collection

A shape of a parallelepiped, is made of welded sheet steel continuous wire, hinged in the front of the sweeper, whose opening and closing is served by a double acting hydraulic cylinder.

Dust suppression system

Composed by watering bar in stainless steel, equipped with interchangeable nozzles, pump 12V / 24V and polyethylene tank fixed by frame bolted to the body of the sweeper.

Hydraulic System

N°2 hydraulic motors for the operation of the roller brush and side brush, flow rate regulating valve for adjusting the speed of rotation of the roller brush and side brush, pipes for opening / closing the collection container, pipe for lifting sweeper (DIN 76060), piping for orienting.

Operating characteristics

Sweeper front suitable for cleaning of the roadway, and in private areas such as construction sites, parking lots etc. Suitable for application on agricultural tractors over 60 hp, backhoe loaders, wheel loaders, trucks with PPT>3.5 T with independent hydraulic system.



SNOW SERVICE



Italia

SWEeper

R



R

MODEL	CLEANING WIDTH	SWEeper WIDTH	Ø BRUSH	WEIGHT
R 100	1000 mm	1200 mm	400 mm	120 kg
R 120	1200 mm	1400 mm	400 mm	135 kg
R 150	1500 mm	1700 mm	400 mm	150 kg
R 180	1800 mm	2000 mm	400 mm	165 kg

**3°point attachment
I-III cat.
With lateral balance +/- 6°**

**cylinder for hydraulic
orienting**

**front container with
hydraulic unloading**



tourning wheels

**mechanical regoulation
of brush usury**

lateral brush Ø 500 mm



SNOW SERVICE



Italia

SWEEPER

SWC



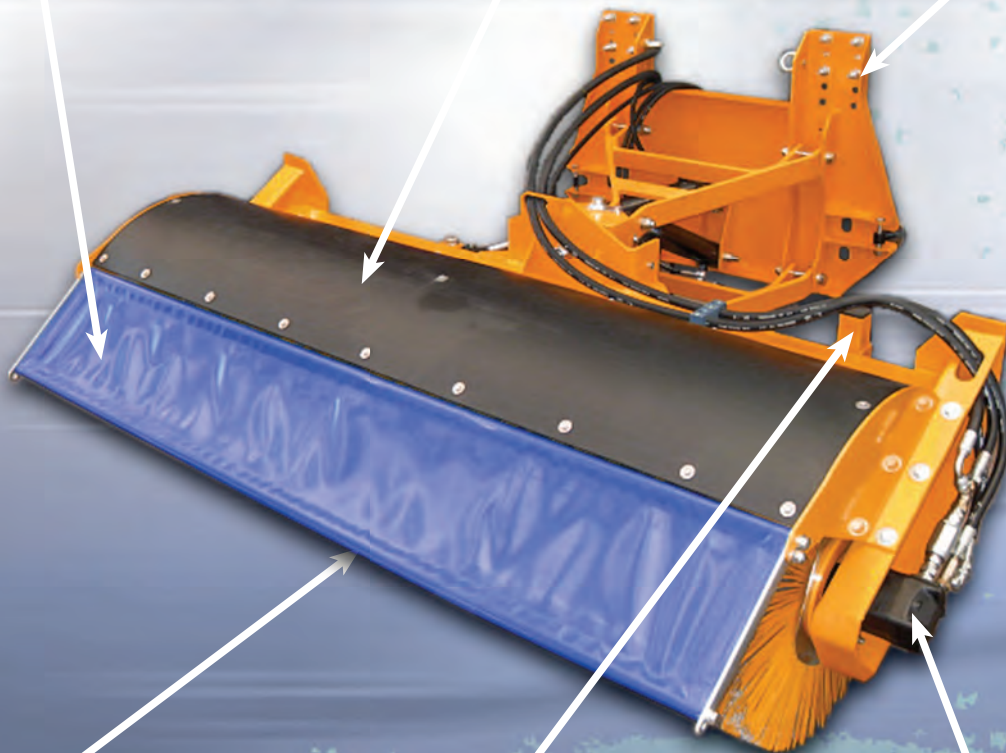
SWC

MODEL	CLEANING WIDTH	CLEANING 25°	SWEeper WIDTH	Ø BRUSH	WEIGHT
SWC 1800	1800 mm	1450 mm	2000 mm	600 mm	350 kg
SWC 2200	2200 mm	1993 mm	2400 mm	600 mm	400 kg
SWC 2600	2600 mm	2356 mm	2800 mm	600 mm	450 kg
SWC 3000	3000 mm	2718 mm	3200 mm	600 mm	500 kg

adjustable pvc splashguard

poliethilene cover

**attachment with counter plate DIN
(in alternative , 3°point , loader , skid loader)**



stell / pvc brush

mechanical regoulation of brush usury , with tounring wheel

hydraulic motor for brush working



SNOW SERVICE



Italia

SWEeper

SWR





SNOW SERVICE



SWR

MODEL	CLEANING WIDTH	SWEEPER WIDTH	Ø BRUSH	WEIGHT
SWR 1600	1600 mm	1800 mm	600 mm	400 kg
SWR 1800	1800 mm	2000 mm	600 mm	450 kg
SWR 2000	2000 mm	2200 mm	600 mm	500 kg
SWR 2200	2200 mm	2400 mm	600 mm	550 kg
SWR 2400	2400 mm	2600 mm	600 mm	600 kg

ppl brushes

regoulation of attachment distance

3°point attachment II cat.



mechanical regoulation of brush usury

tourning wheels

container with hydraulic inloading