



ZAUGG AG EGGIWIL

Snow ploughs

with Swiss precision from ZAUGG



SWISS PRECISION

ZAUGG snow ploughs for roads, driveways and airports

Snow clearance made easy with the unique ZAUGG snow plough technology

One of the core areas of ZAUGG's business is the development, design and manufacture of high quality, technically advanced snow ploughs for snow clearance on all roads and driveways as well as at airports.

The ploughs can be easily attached to single-axle vehicles, all types of tractor, municipal and all-wheel-drive vehicles from a wide range of manufacturers, skid-steer loaders and forklift trucks, vans, Unimogs, trucks, wheel loaders and airport snow-clearance vehicles.

They are available in no less than 16 models, each with a range of different plough widths. The normal blade angle is 35°/32°, although most models are available with a 45° angle or even 55° on certain models.

In terms of performance and operation, they are designed to cope with the demands of snow clearance today. Snow removal is remarkably easy, with great savings in fuel. The driver enjoys an exceptionally good overview thanks to the optimum plough height. And the ZAUGG trip edge system (obstruction impact protection system) enables clearance speeds of up to 60 km/h without detriment to safety.



ZAUGG snow plough G3

This small ZAUGG snow plough was mainly designed for the cost-effective clearing of pavements, factory grounds and narrow streets. It can be mounted on small tractors with engine outputs of up to around 30 kW, small municipal service vehicles or single-axe machines.



G3

Technical Data G3	Unit	125	140	150	160	180
Plough length	cm	125	140	150	160	180
Clearing width at an angle of 35°	cm	105	115	123	130	147
Plough height at the outside	cm	48	60	60	60	60
Plough height in the middle	cm	48	52	52	52	52
Gewicht komplett mit Anschluss-Stück	approx. kg	90	105	110	115	125

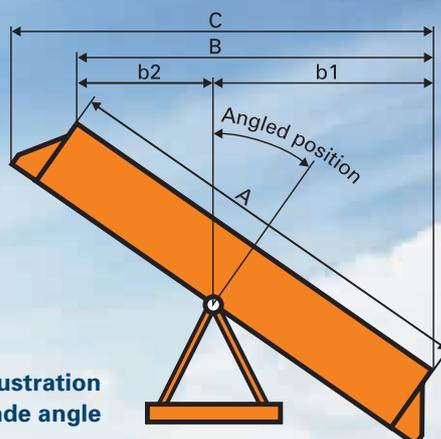
ZAUGG snow plough G6

The ZAUGG snow plough G6 is the smallest snow plough equipped with the patented ZAUGG trip edge system. It is particularly notable for its simple and robust construction and is especially suited for use on narrow-gauge tractors with engine outputs of up to around 40 kW, municipal service vehicles, skid-steer loaders, 4-wheel-drive vehicles and forklift trucks.



G6

Technical Data G6	Unit	160	180	200	220
Number of elements	Qty.	1	1	1	1
Plough length A	cm	160	180	200	220
Plough height with steel wear rail	cm	70	70	70	70
Clearing width B at an angle of 32°	cm	136	153	170	187
Clearing width B at an angle of 45°	cm	113	127	141	156
b1 32°	cm	86	94	103	111
b2 32°	cm	50	58	67	75
b1 45°	cm	81	88	95	102
b2 45°	cm	33	40	47	54
Passage width C at an angle of 32°	cm	151	168	185	202
Passage width C at an angle of 45°	cm	133	147	161	175
Weight with attachment unit (excluding accessories)	approx. kg	200	210	220	230



Graphical illustration
ZAUGG blade angle

G8K



ZAUGG snow plough G8K

The ZAUGG snow plough G8K is equipped with the ZAUGG trip edge system. Thanks to the plastic glide surface and the split plough blade this snow plough can be used with minimal wear and tear to the carrier vehicle. It is most commonly used on municipal service and 4-wheel-drive vehicles.

Technical Data G8K	Unit	160	180	200	220	240
Number of elements	Qty.	2	2	2	2	2
Plough length A	cm	160	180	200	220	240
Plough height with steel wear rail	cm	80	80	80	80	80
Clearing width B at an angle of 32°	cm	136	153	170	187	204
Clearing width B at an angle of 45°	cm	113	127	141	156	170
b1 32°	cm	86	96	104	113	121
b2 32°	cm	48	57	65	74	82
b1 45°	cm	83	90	97	104	111
b2 45°	cm	31	38	45	52	59
Passage width C at an angle of 32°	cm	151	168	185	202	219
Passage width C at an angle of 45°	cm	136	150	164	179	193
Weight with attachment unit (excluding accessories)	approx. kg	250	260	270	280	290

G16



ZAUGG snow plough G16

The new ZAUGG snow plough G16 impresses with its low weight, coupled with the well-known high ZAUGG quality and the sturdiness than can be expected of a professional appliance. As an ideal plough for flexible snow clearance, the G16 delivers astounding results despite its light design. The large blade angle, up to 45 degrees as standard, allows maximum manoeuvrability even in narrow passages.

Technical Data G16	Unit	220	240	260	280	300
Number of elements	Qty.	2	2	2	2	2
Plough length A	cm	220	240	260	280	300
Clearing width B at an angle of 35°	cm	180	197	213	229	246
Clearing width B at an angle of 45°	cm	156	170	184	198	212
b1 35°	cm	115	123	131	140	148
b2 35°	cm	65	73	81	90	98
b1 45°	cm	109	116	123	130	137
b2 45°	cm	47	54	61	68	75
Passage width C at an angle of 35°	cm	200	217	233	249	266
Passage width C at an angle of 45°	cm	181	195	209	223	237
Plough height with steel wear rail	cm	86	86	86	86	86
Weight with steel wear rail, 3-point attachment unit category 2 (excluding accessories)	approx. kg	360	370	380	390	400
Weight with steel wear rail, parallelogram attachment plate VSS size B (excluding accessories)	approx. kg	380	390	400	410	420

G21



ZAUGG snow plough G21

The new ZAUGG snow plough G21 has been built for snow clearance on roads with varying road surface characteristics and transitions. The ZAUGG trip edge system guarantees safe driving over obstacles, even at high speed. As usual, the G21 has a shock-absorbing plough blade that is split both vertically and horizontally and is thus designed for high performance, ease of operation and safety. It allows an above-average clearance speed and guarantees maximum clearance performance. It can be fitted to all common and suitable carrier vehicles.

Technical Data G21	Unit	240	260	280	300
Number of elements	Qty.	2	2	2	2
Plough length A	cm	240	260	280	300
Clearing width B at an angle of 35°	cm	197	213	229	246
Clearing width B at an angle of 45°	cm	170	184	198	212
b1 35°	cm	123	131	139	147
b2 35°	cm	74	82	90	98
b1 45°	cm	115	122	129	136
b2 45°	cm	55	62	69	76
Passage width C at an angle of 35°	cm	217	233	249	266
Passage width C at an angle of 45°	cm	195	209	223	237
Plough height with steel wear rail	cm	92	92	92	92
Weight with steel wear rail, 3-point attachment unit category 2 (excluding accessories)	approx. kg	470	485	500	515
Weight with steel wear rail, parallelogram attachment plate VSS size B (excluding accessories)	approx. kg	510	525	540	555

ZAUGG snow plough G32

The ZAUGG truck-mounted snow plough G32 combines the traditional features of Number of -loaded flap plough technology and segmented blade design with the unrivalled benefits of the proven and patented ZAUGG trip edge technology. The G32 truck-mounted snow plough is designed for snow clearance on roads with varying road surface characteristics and transitions. ZAUGG's newly developed trip edge system is a variation of the existing system and guarantees that any obstacles can be negotiated as safely as ever. The single-arm suspension system employed for the Number of elements enables irregular road surfaces to be cleared with ease.

G32



Technical Data G32	Unit	280	300	330	360	360	390	400
Number of elements	Qty.	2	2	3	3	4	3	4
Plough length A	cm	280	300	330	360	360	390	400
Clearing width B at an angle of 35°	cm	229	246	270	295	295	319	328
Clearing width B at an angle of 45°	cm	198	212	233	255	255	276	283
b1 35°	cm	146	154	166	178	178	191	195
b2 35°	cm	84	92	104	116	116	129	133
b1 45°	cm	137	144	155	165	165	176	179
b2 45°	cm	61	68	79	89	89	100	103
Passage width C at an angle of 35°	cm	261	277	302	326	326	351	359
Passage width C at an angle of 45°	cm	231	246	267	288	288	309	316
Plough height with steel wear rail	cm	125	125	125	125	125	125	125
Weight with combination wear rail S=36, parallelogram with attachment plate VSS-A, support wheels and snow dust deflector (excluding accessories)	approx. kg	930	950	1110	1140	1200	1170	1240

G33

ZAUGG snow plough G33

The G33 snow plough is very popular with our customers as a general-purpose snow clearing tool, whether in the lowlands or in extreme conditions in the mountains. Thanks to its optimum road surface adaptation, high clearance capacity and good snow flow, the G33 guarantees an outstanding snow clearing performance. The robust steel snow plough is primarily used on tractors with engine outputs from 60 kW, Unimogs, trucks and wheel loaders with a weight of up to around 9 tonnes.



Technical Data G33	Unit	260	280	300	330	360	390
Number of elements	Qty.	2	2	3	3	3	3
Plough length A	cm	260	280	300	330	360	390
Clearing width B at an angle of 35°	cm	213	230	245	270	295	320
Clearing width B at an angle of 45°	cm	184	198	212	233	254	274
b1 35°	cm	134	142	150	162	174	186
b2 35°	cm	80	88	96	108	120	132
b1 45°	cm	127	134	140	150	161	172
b2 45°	cm	58	65	72	83	94	105
Passage width C at an angle of 35°	cm	253	270	285	310	335	360
Passage width C at an angle of 45°	cm	225	238	253	274	295	316
Plough height	cm	120	120	120	120	120	120
Weight with attachment plate (excluding accessories)	approx. kg	750	770	840	870	900	930

ZAUGG snow plough G44

The G44 snow plough was primarily developed to tackle the heavy snowfalls encountered in mountainous regions. With its imposing height of 130 cm it can cope with huge volumes of snow. However, it is not just a mountain snow plough, but can also be mounted on wheel loaders weighing 8.5 tonnes or more. With its four Number of elements the G44 is perfectly equipped to adapt to the road and retains its stability, even in difficult situations, thanks to its rugged construction.



Technical Data G44	Unit	340	360	400	450
Number of elements	Qty.	4	4	4	5
Plough length A	cm	340	360	400	450
Clearing width B at an angle of 35°	cm	279	295	328	368
Clearing width B at an angle of 45°	cm	240	255	283	318
b1 35°	cm	168	176	193	213
b2 35°	cm	110	118	135	155
b1 45°	cm	155	162	176	194
b2 45°	cm	85	92	106	124
Passage width C at an angle of 35°	cm	322	338	371	412
Passage width C at an angle of 45°	cm	293	308	336	371
Plough height	cm	140	140	140	140
Weight with attachment plate (excluding accessories)	approx. kg	1200	1230	1280	1380

G40K

ZAUGG snow plough G40K

The G40K was specially developed for use in densely populated regions. With its low overall height and tightly curving (closed) plastic blade shape, which guarantees optimum snow flow, the G40K is ideally suited for use in urban areas. Equipping the snow plough with the lateral swivel unit makes child's play of snow clearing on tight roundabouts and in narrow passages. These special accessories enable the snow plough to be positioned in the centre of the vehicle, minimising the passage width required.



Technical Data G40K		Unit	300	320	330	360	400
Number of elements	Qty.		3	4	3	4	4
Plough length A	cm		300	320	330	360	400
Clearing width B at an angle of 35°	cm		246	262	270	295	328
Clearing width B at an angle of 45°	cm		212	226	233	255	283
b1 35°	cm		150	159	163	175	191
b2 35°	cm		95	104	108	120	136
b1 45°	cm		140	147	151	161	175
b2 45°	cm		72	79	83	93	107
Passage width C at an angle of 35°	cm		272	289	297	321	354
Passage width C at an angle of 45°	cm		241	255	262	284	312
Plough height	cm		95	95	95	95	95
Weight with attachment plate (excluding accessories)		approx. kg	870	920	900	960	1000

G50K

ZAUGG snow plough G50K

The G50K benefits from the many years of experience gained with all our other snow ploughs. When developing the G50K, we set out to create a snow plough that would trigger a minor revolution rather than simply adding another product to the snow clearance range. Thanks to the plastic plate and the unconventional closed shape, optimum snow flow can be ensured and the snow is thrown exactly where you want it. It is mainly used for snow clearance on motorways, trunk roads and B-roads.



Technical Data G50K		Unit	330	360	400	450	500	550
Number of elements	Qty.		3	4	4	5	5	5
Plough length A	cm		330	360	400	450	500	550
Clearing width B at an angle of 35°	cm		270	295	328	369	410	450
Clearing width B at an angle of 45°	cm		233	255	283	318	354	389
b1 35°	cm		168	180	197	214	237	261
b2 35°	cm		102	115	131	154	172	189
b1 45°	cm		157	168	182	195	217	239
b2 45°	cm		77	87	101	122	136	150
Passage width C at an angle of 35°	cm		303	328	360	401	442	483
Passage width C at an angle of 45°	cm		268	289	317	353	388	424
Plough height	cm		105	105	105	105	105	105
Weight with attachment plate (excluding accessories)		approx. kg	900	1000	1050	1150	1200	1250

ZAUGG side snow plough SG50K

A clearing width of up to 7.5 m is possible in combination with a front snow plough G50K-550-5-45°+10°. The ZAUGG trip edge system guarantees safe passage over obstacles. The single-arm suspension system for the Number of elements enables optimum adaptation to the road surface. The parallelogram lifter and swivel cylinder are supported on an EN15432 F1 attachment plate and enable compact lateral attachment to a truck. The plough base is equipped with a plastic plate and the round, closed blade shape ensures the optimum flow of snow.



SG50K



Technical Data SG50K	Unit	440
Number of elements	off	4
Plough length A	cm	440
Clearing width B at a blade angle of 55°	cm	360
Plough height	cm	106
Weight with attachment plate EN15432 F1	approx. kg	1150

ZAUGG snow plough Vario 4

The Vario 4 is mainly used on motorways and at airports, where the need is for the maximum possible clearance with the flexibility to operate at different speeds. This unilateral plough model can be opened and closed in the upper section of the plough blade according to the clearance task and the snow characteristics. This adjustment takes place either mechanically or hydraulically and can be carried out conveniently from the driver's cab. This technology allows the operator to direct the snow accurately irrespective of the snow height and the clearance speed.

Vario 4



Technical Data Vario 4	Unit	340	360	400	450	500	600
Number of elements	off	4	4	4	5	5	6
Plough length A	cm	340	360	400	450	500	600
Clearing width B at an angle of 35°	cm	279	295	328	369	410	492
Clearing width B at an angle of 45°	cm	241	255	283	318	354	389
b1 35°	cm	166	175	191	211	232	273
b2 35°	cm	122	148	136	157	178	219
b1 45°	cm	153	160	175	192	210	228
b2 45°	cm	87	94	109	126	144	162
Passage width C at an angle of 35°	cm	314	330	363	404	445	527
Passage width C at an angle of 45°	cm	280	294	322	361	393	464
Passage width C with road blade angle 55°	cm				305	333	390
Plough height	cm	105-135	105-135	105-135	105-135	105-135	105-135
Weight with attachment plate (excluding accessories)	approx. kg	1050	1080	1150	1275	1350	1550

SSR



ZAUGG side plough SSR

Extra clearance width with the ZAUGG side plough SSR in combination with a front snow plough. The SSR side plough, with parallelogram lifter and swivel cylinder to fit the VSS attachment plate size B, enables compact lateral attachment to trucks.

Technical Data SSR	Unit	250	300
Plough length A	cm	250	300
Plough height at the outside	cm	140	140
Plough height inside	cm	75	75
Clearing width B at a blade angle of 45°	cm	176	212
Weight complete with Kombi S36 wear rail and VSS attachment plate size B	kg	500	550

ZAUGG side-blade snow plough SFR-G22K

This ZAUGG side-blade snow plough with its open blade shape is designed for snow clearance on roads with varying road surface characteristics and transitions. The ZAUGG trip edge system guarantees safe passage over obstacles. The single-arm suspension system for the Number of elements enables optimum adaptation to the road surface. The parallelogram lifter and swivel cylinder are supported on a VSS-B attachment plate, enabling compact lateral attachment to a truck. The plough base is equipped with a plastic plate and the round, open blade shape throws the snow a good distance.

SFR-G22K



Technical Data SFR-G22K	Unit	300-2	390-3	390-3*
Anzahl Elemente	off	2	3	3
Plough length A	cm	300	390	390
Plough height at the outside	cm	130	130	130
Plough height inside	cm	55	55	55
Clearing width B at a blade angle of 45°	cm	212	275	320 bei 55°
Weight with VSS-B attachment plate	kg	660	770	900

* Attachment plate EN154342 F1 with hydraulic locking

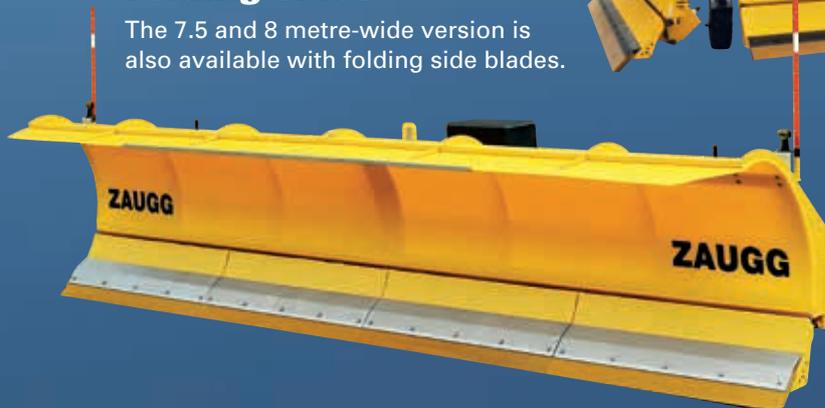
SP3000

ZAUGG snow plough SP3000

The ZAUGG airport snow plough SP3000 is characterised by its extremely high width, remarkably simple design and particularly low weight. Its cross-section with single-arm suspension system for the Number of elements is designed so as to adapt constantly and accurately to the road surface. It also has a snow dust deflector that even works at high clearance speeds. The patented ZAUGG trip edge system guarantees safe passage over obstacles at clearance speeds of up to 60 km/h. With its low operating weight of less than 2,000 kg, the SP3000 can be used without restriction for optimum snow clearance on runways.

Folding sides

The 7.5 and 8 metre-wide version is also available with folding side blades.



Technical Data SP3000	Unit	560	600	750	750 C	800 C
Number of elements	off	4	4	5	5	5
Plough length A	cm	560	600	750	750	800
Element width	cm	140	150	150	150	160
Clearing width B at an angle of 35°	cm	458	490	614	614	655
b1 35°	cm	264	280	342	342	363
b2 35°	cm	194	210	272	272	292
Passage width C at an angle of 35°	cm	496	528	642	642	691
Passage width with side blades folded	cm				450	500
Plough height	cm	130	130	130	130	130
Weight with attachment plate, electrical unit, pump unit	approx. kg	1550	1600	1750	1950	2000

SnowShark

Adjustable wedge-shaped plough KPR-300

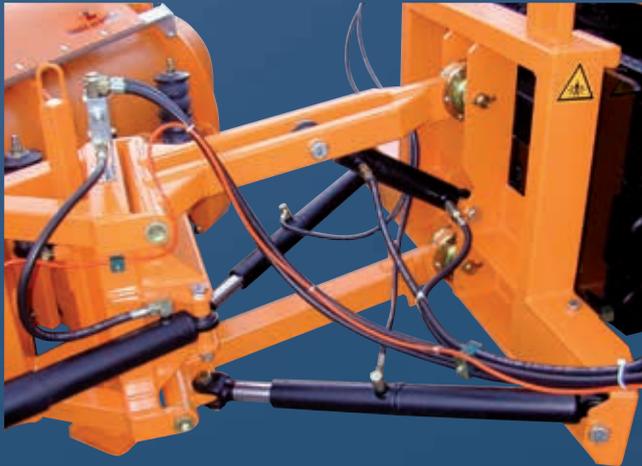
Wedge-shaped plough for the rapid and simple clearance of snow around the runway and taxiway boundary lighting at airports and airfields. Adjustable and with a special plough/brush/blower technology for front or rear attachment to the three point power-lifts of tractors or to the front lifting gear of wheel loaders. The two swivelling plough blades are equipped with plastic plates and their open, optimum inwardly curved blade shape ensures wide snow ejection. A special cleaning system (brush/blower technology) removes the residual snow from around the lamps.



Technical Data KPR-300

Clearing width	300 cm
Opening width of the plough	60 cm
Maximum passage height over the lighting	60 cm
Plough height in the centre	80 cm
Plough height at the outside	110 cm
Total weight including blower	1250 kg
Necessary minimum hydraulic drive power	60 l/min at 180 bar

ZAUGG snow plough mounting devices



ZAUGG lateral swivel unit

The lateral swivel unit offers infinite adjustment of the blade angle to the left and right up to a maximum of 55°. The advantage of lateral movement is that it guarantees the narrowest possible passage widths as well as allowing alignment of the plough to the centre of the vehicle, which enables access to narrow passages such as bus and tram stops.



Three-point attachment unit

The ZAUGG three-point attachment unit for tractors with Cat. I & II front hydraulics is adjustable, enabling the snow plough to be mounted very close to the tractor and considerably reducing the strain on the front axle.



Attachment plate for wheel loader/telehandler

Parallelogram suspension unit for optimum adaptation of the plough blade to the road surface and attachment plate for the quick-change and quick-lock systems of all makes of wheel loader and telehandler.

Various kerbstone guards

The rubber variant is shown here as representative of the various smaller and larger kerbstone guards made of steel.



Lumifog orientation aid

As an alternative to the conventional flag on the plough ends, ZAUGG now also offers so-called Lumifog reflective rods as a new orientation aid for the driver and oncoming traffic. These can also be equipped with LEDs on request.



ZAUGG snow plough features and options



ZAUGG trip edge system (drive-over safety system)

Guarantees clean snow clearance: The ZAUGG trip edge system with single-arm suspension enables optimal adaptation to the road profile. Thanks to this patented ZAUGG trip edge system, ruts, cambered roads, uneven surfaces, etc. are cleared perfectly.



Fine finish bar

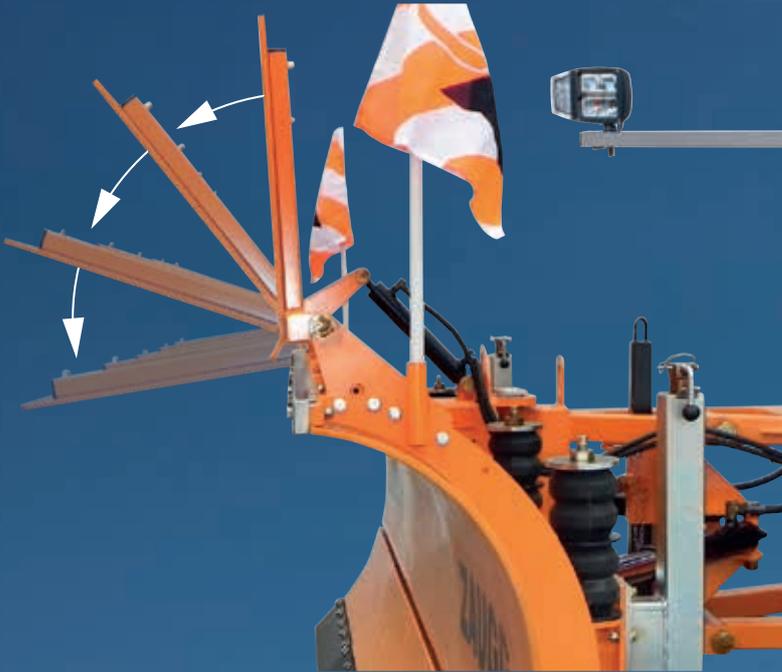
ZAUGG fine finish bar with X-part polyurethane wear rail. With the hydraulic lifting device, the contact pressure against the road surface is adjusted and set via a hydraulic accumulator.



Ice scraper

ZAUGG ice scraper with Sandvik chisel for removing ice from icy or uneven snow roads. Chisel segments with pivot point suspension ensure impact protection by means of shear pin fastening. Hydraulic depth setting enables individual use.

ZAUGG snow plough accessories



Adjustable snow dust deflector

The ZAUGG snow dust deflector, which is adjusted mechanically or infinitely by hydraulics, is available as an alternative to a permanently installed snow dust deflector.



LED headlights LED flashing position lamps

ZAUGG now offers equivalent LED lamps as an alternative to the traditional flashing position lamps. (Substitute picture)



Side flaps

ZAUGG side flaps with the flexible double function: Snow carrier and snow dust deflector: individual left and right, hydraulically raised and lowered. Functions: lateral and vertical to prevent ejection and horizontally across the plough blade as a snow dust deflector.

ZAUGG vehicle attachments and controllers

Vehicle attachments

In order to operate a snow plough and other hydraulically controlled devices safely, optimally and economically on a 4-wheel-drive CAR, TRUCK or VAN, the attachment – in other words, the interface – must be of top-class ZAUGG quality.

We manufacture attachments and converters for all vehicle types and makes, whether for snow clearance, ski-slope grooming, road maintenance or other uses. You can find out more (including informative downloads) on our website at www.zaugg.swiss



Truck



Van



4-wheel-drive car



Compact snow plough controller with pressure control function

The ZAUGG snow plough controllers make the work much easier and enable more efficient and cost-effective use of the ZAUGG snow ploughs by providing a better overview.

With their compactness and multifunctionality the devices are not just eye-catchers. The pressure decrease function for the snow plough prolongs the lifetime of the wearing parts and ensures better steering and lateral guidance. Thanks to the pressure increase function, even heavily compacted snow and ice can be loosened and the vehicle's front axle traction increased. The ZRS 102/112/202 controllers are available on request with a separately mounted text display.

ZAUGG snow plough controllers



ZAG 107

This controller is designed for versatility and is available for 12 or 24 V operation. It can be fitted to any kind of vehicle. The housing is made of high-quality plastic, compact and optimally designed for one-handed operation.

A wide range of control operations can be undertaken with its joystick and keys. For example, the device includes four double-action functions, one of which incorporates a floating position and relief of the swivel function. In addition, there is a central main switch and a switch for the hydraulic function "pressure release". Two further keys can be activated as impulse keys or step keys.

These are used for various switching functions such as salt spreader, light switching, rotating beacon, tilting the loading platform, etc. This innovative technology, together with ZAUGG's know-how in this field promises to make the work much easier and also offers greater clarity for more efficient working.



ZRS 102

The ZRS-102 controller is equipped with two function levels for maximum functionality.

The blade pressure regulation with the pressure increase and pressure decrease functions is infinitely adjustable via a scale value. The control function can be switched to the floating position function by means of a key function.

Joystick functions

- Level 1 Raise, lower, swivel right and left
- Level 2 Blade shape adjustment ON/OFF (on the Vario) and lateral movement of the front snow plough to the right and left



ZRS 202

The ZRS 202's dual joystick operation ensures maximum operating safety when using the front and side snow ploughs simultaneously.

The blade pressure regulation with the pressure increase and pressure decrease functions is infinitely adjustable via a scale value. The control function can be switched to the floating position function by means of a key function.

Functions of the left joystick

- Level 1 Raise, lower, swivel right and left
- Level 2 Blade shape adjustment ON/OFF (on the Vario) and lateral movement of the front snow plough to the right and left

Functions of the right joystick

- Control of the side-blade snow plough with the functions raise, lower, swing out and swing in
- Or lateral positioning of the front snow plough to the right and left
- A key function is used to activate the GE-Mini device relief.



ZRS 112

Enables the front snow plough to be controlled in proportion to the joystick movements. Various additional functions can be accessed via a 2nd level.

ZAUGG - Trailblazing in any snow.

ZAUGG AG EGGIWIL is one of the world's leading companies in the development and manufacture of high-end equipment for the clearance of snow from roads, railways and airports and the preparation of ski slopes.



Subject to technical changes at any time.



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