



COMMUNAL

INNOVATION WITH TRADITION FOR LIFE.

RELIABILITY THROUGHOUT THE WINTER



Hauer has been manufacturing snow ploughs in Austria for more than 40 years. Based on our long-standing experience and customer proximity, our products stand out for superior quality and excellent practicality. Our products underlie a constant developing process which is aimed at making our equipment as durable and long-lasting as possible to withstand the harshest conditions. High-quality materials such as fine-grained steels, hard-wearing and tempered high-performance steels combine with innovative designs to give our winter service equipment the durability and longevity our customers deserve.

Offering an extensive range of 3,500 attachment parts, we can serve nearly all tractor makes and models and many skid-steers, providing the perfect solution for three-point linkages, coupling plates, municipal A-frames or custom coupling systems. Support beams to match allow users to attach snow ploughs their machines while our user-friendly ground pressure control system provides for optimum traction and helps protect the equipment.



FREE TRAVEL ON ALL ROADS



SIMPLE AND RUGGED SNOW REMOVAL ON SIDEWALKS AND PATHS



Designed for compact tractors and communal machines, the DRS-M snow blades are perfect for clearing sidewalks, walk- and driveways and courts.



Attachment options:

- Carriage with communal A-frame, Cat. 0, Cat. 1 (max. 500kg)
- Height-control carriage for compact skid-steers
- Height-control carriage for compact skid-steers for self assembly
- Turn-tilt plate for self assembly
- 3-point Cat 1 and Cat 1N
- Stacker tines carriage

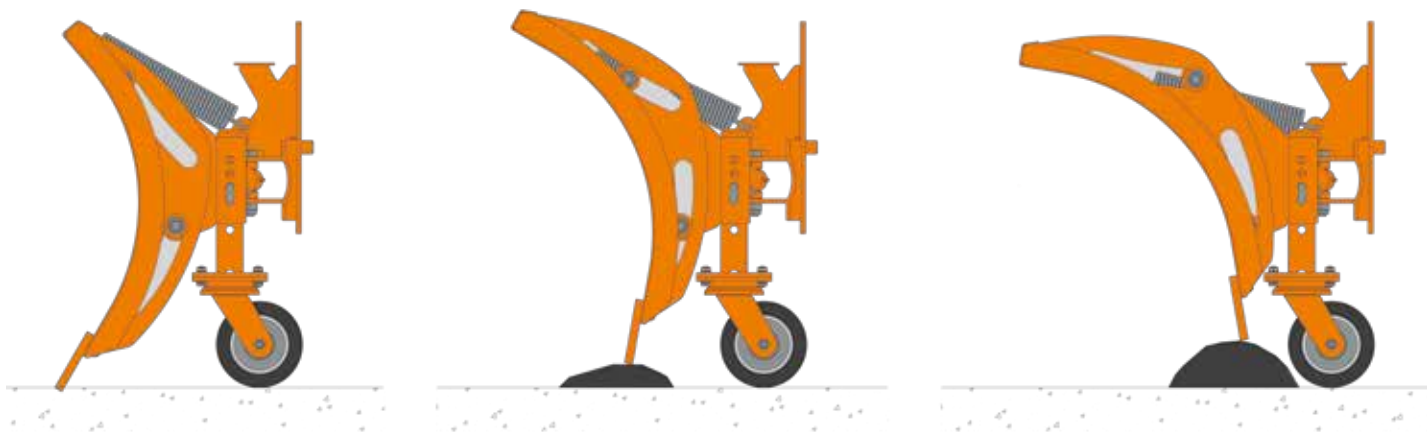
Standard specification:

- Single-piece, 680mm high blade
- DRS blade locking system
- Hydraulic side adjustment, pressure relief valve protected
- Height-adjustable heavy-duty wheels
- Lockable pendulum compensation
- Screwed cutting edge (120x15mm) made from hard-wearing tempered steel (450 HB), recessed screws
- Connection hoses with couplings Standard ISO 7241-1A DN12,5

Options:

- Rubber fabric edge, GU 120 / 30
- 2 extra lines to the rear hydraulics
- Hydraulic 14° left / 14° right angling
- Warning flags incl. brackets

TWO WHEELS FOR PERFECT PROTECTION



Return springs maintain the snow blade in its working position and yet allow the blade to float over small obstacles by moving up and only slightly to the rear. Bigger obstacles are managed by moving all the way up and to the rear. After the obstacle has been passed, the blade returns into working position. There is no need to stop the machine.



Specifications		DRS-M 1200	DRS-M 1300	DRS-M 1400	DRS-M 1500	DRS-M 1600	DRS-M 1700	DRS-M 1800	DRS-M 2000
Width mm									
Weight	kg	165	169	173	177	181	185	189	194
Working width at maximum tilt	mm	1055	1145	1230	1315	1405	1490	1575	1750
Min. pass-through width at max. tilt	mm	1145	1235	1320	1405	1495	1580	1665	1840
Min. pass-through width with vertical blade (max width)	mm	1220	1320	1420	1520	1620	1720	1820	2020
Max. vehicle width at max. inclination	mm	840	950	1010	1100	1185	1270	1360	1530
Blade height	mm	680							
Pivot angle	°	+/- 30							



ONE BLADE, TWO APPLICATIONS CLEARING AND GRADING



Attachment options:

- 3-point, cat. 1 and cat. 2
- A-frame
- Wheel and yard loaders
- Quick change assembly for implements SWE-B, SWE-Euro (pendulum compensation required)

Standard specification:

- Single-piece blade with integrated side deflectors
- Hydraulic side adjustment by two rams, pressure relief valve protected
- Adjustable overload trip mechanism with four return springs
- Height-adjustable skid shoes
- High-performance edge made from hard-wearing special steel; recessed screws
- Warning flags
- Connection hoses with couplings

Options:

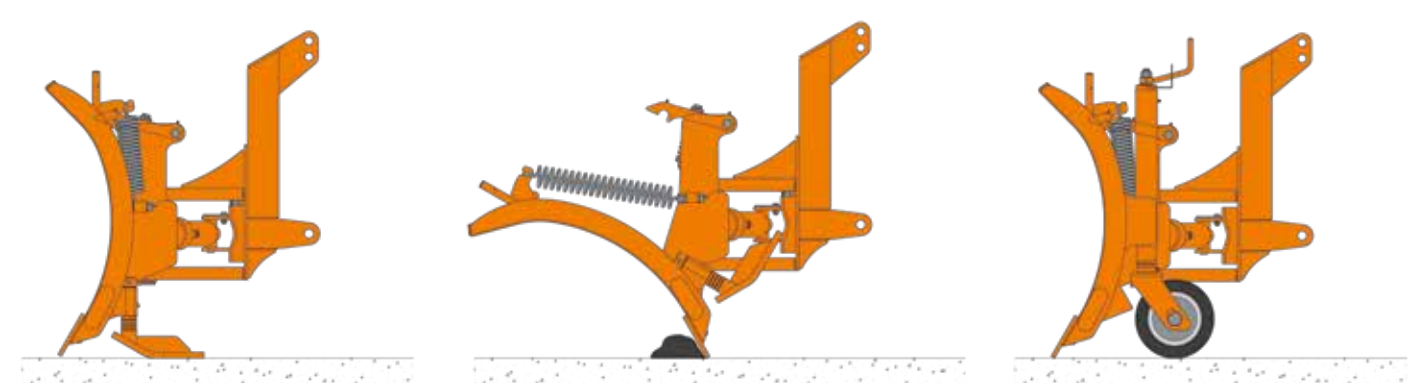
- Steplessly height-adjustable elastic wheels (on 2,400mm+ blades)
- Rubber fabric edge, GU 200 /40
- Rubber fabric edge, with steel bar screwed to front
- Snow deflector rubber
- Lockable pendulum compensation
- LED side lights
- 2 extra lines to the rear couplers

Rugged in build, our HS snow clearing and grading blades are perfect not only for clearing driveways, walkways and parking

lots from moderate levels of snow but also for grading sand, soil and gravel. The optional rubber edge reduces wear and noise.



ADJUSTABLE TRIP MECHANISM



When the cutting edge hits an obstacle such as a gully, the overload mechanism trips and the blade moves up. At the same time its base moves to the rear, floating over the obstacle. Return springs return the blade into working position after the tractor has been halted or the blade raised. The tripping force is set steplessly to suit individual snow and ground conditions and the application at hand.



Specifications		HS 2000	HS 200	HS 2400	HS 2600	HS 2800	HS 3000
Width mm							
Weight	kg	360	372	385	410	422	431
Working width at maximum tilt	mm	1730	1900	2080	2250	2430	2600
Min. pass-through width at max. tilt	mm	1840	2010	2190	2360	2540	2710
Min. pass-through width with vertical blade (max. width)	mm	2040	2240	2440	2640	2840	3040
Max. vehicle width at max. inclination	mm	1450	1630	1800	1980	2150	2330
Blade height - centre / wings	mm	750 / 850					
Pivot angle	°	+/- 29					



MADE BY PROFESSIONALS
FOR PROFESSIONALS.
FOR ALL SNOW
CONDITIONS.

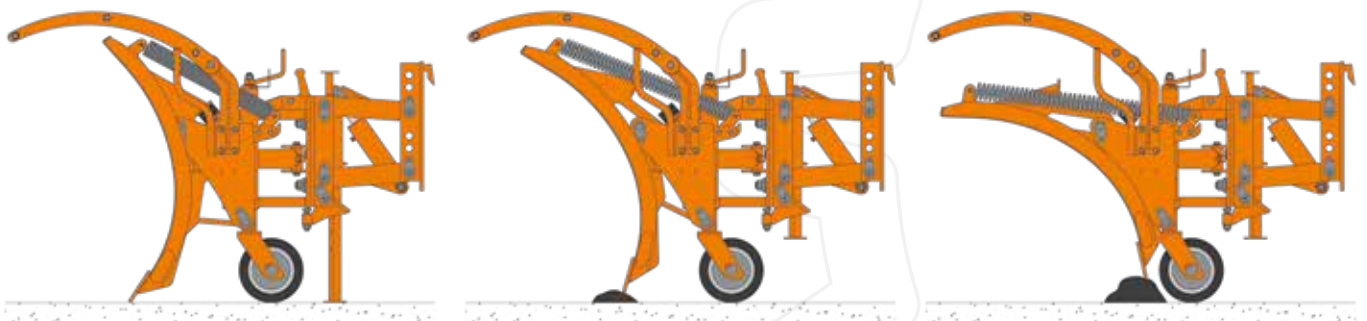


Built to a rugged design, the SRS / SRS-L series snow ploughs were developed to perform in the harshest winter conditions.

The two- and three-piece SRS ploughs stand out for their extremely robust carriage frame, massive pins and bearing surfaces and a heavy-duty tilt and lifting linkage.

These features make them the ideal tools for professional users and extreme snow conditions. This heavy-duty model line is complemented by our light-duty SRS-L ploughs for less extreme situations.

All models in both ranges feature the pivoting wheel system for perfect tripping.



Attachment options:

- Coupling plate HAUER, EURO size 3 / 5, VSS-A or VSS-B
- Three-point cat. 2
- Height-control carriage for compact skid-steers

FOR EACH APPLICATION THE SPECIFICATION TO MATCH

SRS-2 L / 3 L



For moderate snow conditions

SRS-2 / 3



For all snow conditions

Type SRS-2 L / 3 L Widths		SRS-2 L 2400	SRS-2 L 2600	SRS-2 L 2800	SRS-2 L 3000	SRS-3 L 2800	SRS-3 L 3000	SRS-3 L 3200
Working width at maximum tilt with side deflectors	mm	2130	2300	2470	2650	2470	2650	2820
Min. pass-through width at max. tilt	mm	2270	2440	2610	2790	2610	2790	2960
Min. pass-through width with vertical blade (max. width)	mm	2580	2780	2980	3180	2980	3180	3380
Max. vehicle width at max. inclination, with side deflectors	mm	1760	1930	2100	2280	2100	2280	2450
Blade height (centre/wings)	mm	850/1000				850/1000		
Pivot angle	°	+/- 30				+/- 30		
Weight in standard specification including coupling plate (3-point attachment)	kg	620 (548)	631 (559)	643 (571)	655 (583)	720 (650)	733 (663)	746 (676)

Type SRS-2 / 3 Widths		SRS-2 2800	SRS-2 3000	SRS-2 3200	SRS-3 3000	SRS-3 3200	SRS-3 3400	SRS-3 3600
Working width at maximum tilt with side deflectors	mm	2405	2575	2740	2560	2730	2900	3070
Min. pass-through width at max. tilt	mm	2580	2750	2920	2740	2910	3080	3250
Min. pass-through width at no tilt (max width)	mm	3000	3200	3400	3180	3380	3580	3780
Max. vehicle width at maximum inclination, with side deflectors	mm	1940	2110	2280	2070	2240	2410	2580
Blade height (centre/wings)	mm	1050/1220			1200/1400			
Pivot angle	°	+/- 32,5			+/- 32,5			
Weight in standard specification including coupling plate (3-point attachment)	kg	920 (820)	940 (840)	960 (860)	1100 (1000)	1130 (1030)	1150 (1050)	170 (1070)

Standard specification:

- Two-piece plough (SRS-2 and SRS-2 L) or three-piece plough (SRS-3 and SRS-3 L) with flared blades
- Hydraulic side adjustment, pressure relief valve protected
- Lift and press feature (requires coupling plate)
- SRS – snow plough protection for professional applications
- Height-adjustable skid shoes (with SRS-2 L and SRS-3 L with locking pins)
- Lockable pendulum compensation
- Screwed scraping edge made from hard-wearing tempered steel (450 HB)
- Hydraulic angling ready (SRS-2 L / 3 L only)
- Automatic levelling function
- Massive side deflectors (replaceable)
- Warning flags
- LED side lights
- Hydraulic hoses with connectors Standard ISO 7241-1A DN12,5
- Adjustable drop rate control

Standard on SRS-2/3:

Spring-loaded skid shoes with stepless height control and impact dampers or elastic wheels

Options:

- Steplessly height-adjustable elastic wheels (optional with SRS-2 L and SRS-3 L)
- Steplessly height-adjustable skid shoes with spindle instead of locking pins (optional with SRS-2 L and SRS-3 L, standard with SRS-2 and SRS-3)
- Snow deflector rubber
- Snow dust curtain
- Rubber fabric edge (SRS-L GU 200/40, SRS-2/3 GU 200/50)
- Scraping edge rubber-corundum-steel
- Hydraulic 14°/14° left/right angling for snow removal on pavements
- Indirect lighting
- Version with 45° pivoting angle (stopper adjustable to 45°, 40° and 35°)



Version with 45° pivoting angle



COMPACT AND UNIVERSAL ON JUNCTIONS AND SQUARES

The variable VS-L snow plough is the universal plough for professional winter service applications.

The VS-L is the specialist for snow removal in streets lined with gates and on public squares. The two blades move independently and can push snow in a Y position without throwing the material to the sides. The Professional control system allows operators to move the implement into ploughing position quickly and easily. The pressure springs that trip only the cutting edge adjust to one of two suspension pressures.

Attachment options:

- HAUER, EURO 3/5 or VSS-A or VSS-B coupling plate
- Three-point cat. 2
- Height-control carriage for compact skid-steers

Standard specification:

- Two-piece snow plough with flared blades
- Hydraulic blade control from a regular hydr. system (2 da spools); hydr. protection by pressure control valves and accumulator
- Lift and press feature with adjustable top link (not for 3-point attachment)
- Pressure spring protection, 2 pressure levels
- Height-adjustable skid shoes
- Lockable pendulum compensation
- Screwed and hard-wearing scraping edges made from tempered high-performance steel (450 HB)
- Hydraulic angling ready
- Automatic levelling function (coupling plate only)
- Massive side deflectors (replaceable)
- Warning flags
- LED side lights
- Hydraulic hoses with connectors Standard ISO 7241-1A DN12,5

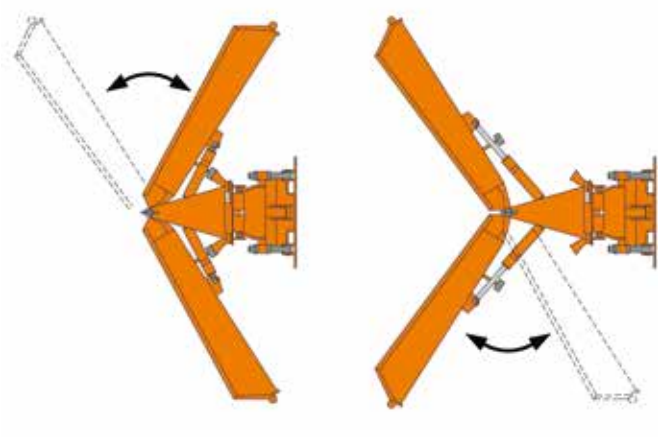


Options:

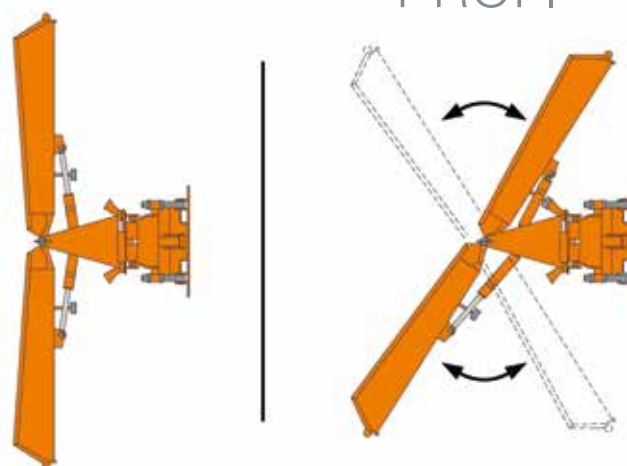
- Steplessly height-adjustable elastic wheels
- Steplessly height-adjustable skid shoes
- Snow deflector rubber
- Hydraulic blade control system incl. Professional control box (Profi) for individual blade control in opposite direction – ploughing function (requires only 1 da spool)
- Rubber fabric edge GU 200 /40
- Scraping edge rubber-corundum-steel or rubber-corundum
- Hydraulic 14°/14° left/right angling
- Snow dust curtain
- Indirect lighting



STANDARD



PROFI



Specifications		VS-L 2400	VS-L 2600	VS-L 2800	VS-L 3000	VS-L 3200
Width (mm)						
Working width at maximum tilt with side deflectors	mm	2020	2190	2360	2530	2700
Min. pass-through width at max. tilt	mm	2120	2290	2460	2630	2800
Min. pass-through width with vertical blade (max width)	mm	2550	2750	2950	3150	3350
Blade height (centre, wings)	mm	890/1000				
Pivot angle	°	+/- 32,5				
Weight in standard specification including coupling plate (3 point)	kg	592 (520)	607 (535)	622 (550)	637 (565)	652 (580)



TICKS ALL BOXES

UNLIMITED VERSATILITY

Attachment options	DRS-M	HS	VS-L	SRS-2 L	SRS-2	SRS-3 L	SRS-3
3-point linkage	•	•	•	•	•	•	•
Coupling plate			•	•	•	•	•
Genuine Hauer or Euro 3/5, VSS-A, VSS-B							
Height-control carriage for skid-steer loaders (requires feasibility testing)	•	•	•	•	•	•	•
A-frame	•	•					
Stacker tine carriage	•						

Widths mm	DRS-M	HS	VS-L	SRS-2 L	SRS-2	SRS-3 L	SRS-3
1200	•						
1300	•						
1400	•						
1500	•						
1600	•						
1700	•						
1800	•						
2000	•	•					
2200		•					
2400		•	•	•			
2600		•	•	•			
2800		•	•	•	•	•	
3000		•	•	•	•	•	•
3200			•		•	•	•
3400							•
3600							•

Application	DRS-M	HS	VS-L	SRS-2 L	SRS-2	SRS-3 L	SRS-3
Ideal for snow removal in streets	•	•	•	•			
Ideal for snow removal on country roads			•	•	•	•	•
Ideal for sidewalks	•						
Ideal for narrow lanes	•						
Ideal for driveways		•					
Ideal for parking lots		•	•				
Ideal for traffic junctions			•				
Ideal for streets with property drive-ins			•				
Ideal for low speeds	•	•	•				
Ideal for higher speeds				•	•	•	•
Ideal for moderate snow levels	•	•	•	•		•	
Ideal for higher snow levels					•		•

Blades	DRS-M	HS	VS-L	SRS-2 L	SRS-2	SRS-3 L	SRS-3
single-piece	●	●					
two-piece			●	●	●		
three-piece						●	●

Standard / optional specification	DRS-M	HS	VS-L	SRS-2 L	SRS-2	SRS-3 L	SRS-3
Hydraulic angle adjustment, pressure relief valve protection	●	●		●	●	●	●
Hydraulic blade control			●				
Hydraulic blade control – Professional specification (Profi) Blades can move in synch.			○				
Lockable pendulum compensation	●	○	●	●	●	●	●
Height-adjustable skid shoes		●	●	●	●*	●	●*
Height-adjustable elastic wheels	●	○	○	○	●*	○	●*
Side deflector, massive size and replaceable			●	●	●	●	●
Warning flags	○	●	●	●	●	●	●
LED side lights		○	●	●	●	●	●
Lift and press feature with adjustable top link (requires coupling plate)			●				
Automatic levelling system (coupling plate)			●	●	●	●	●
Hydraulic angling ready	●		●	●		●	
Hydraulic angling 14° left, 14° right	○		○	○	○	○	○
Stand		●			●		●
Screwed and hard-wearing scraping edge made from tempered special steel (450 HD), recessed screws	●	●	●	●	●	●	●
Rubber edge	○	○	○	○	○	○	○
Scraping edge rubber-corundum-steel			○	○	○	○	○
Rubber fabric edge		○	○	○	○	○	○
Snow dust curtain			○	○	○	○	○
Indirect lighting			○	○	○	○	○
Version with 45° pivoting angle				○	○	○	○

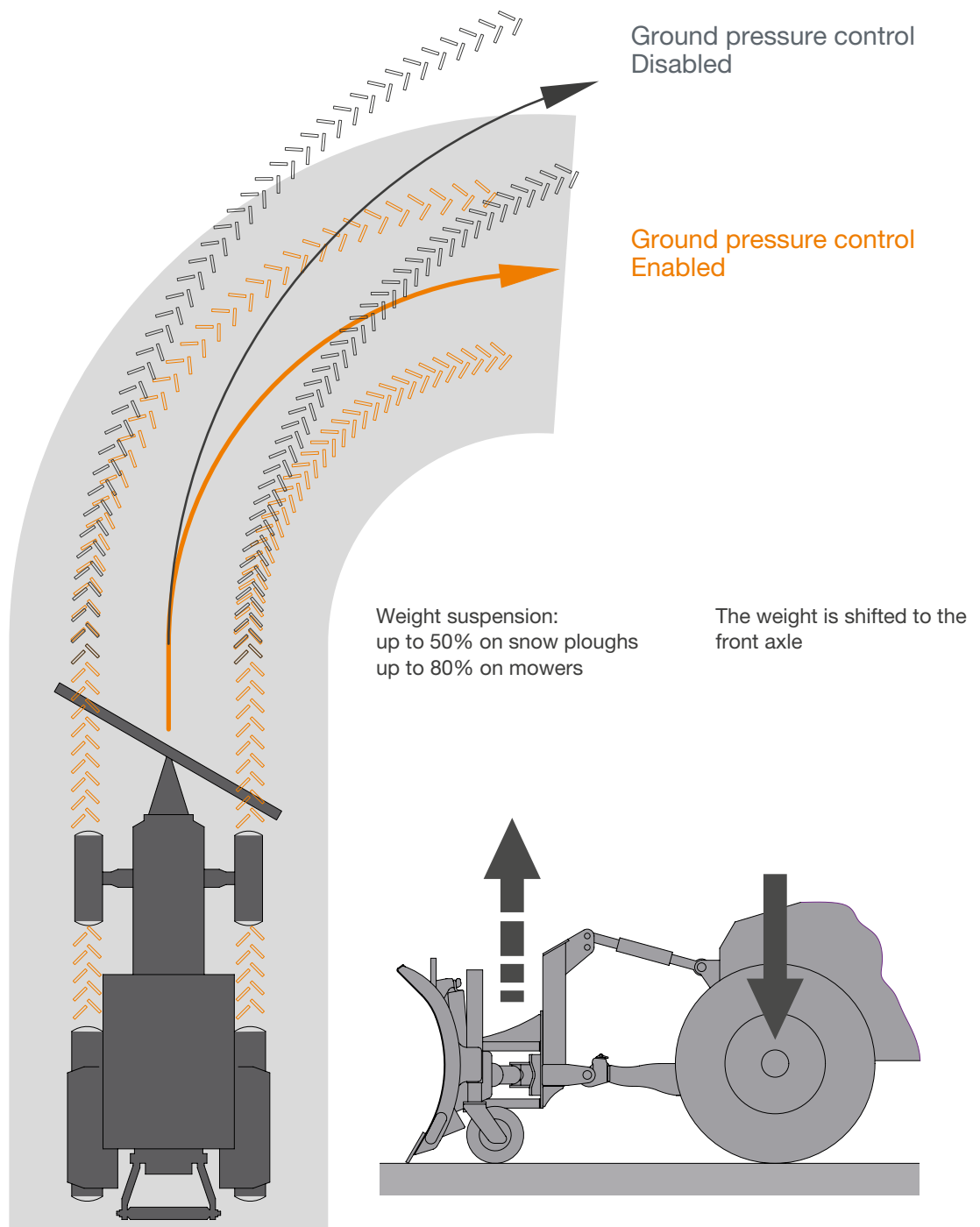
● standard

○ option

* choice

GROUND PRESSURE CONTROL PERFECT SUSPENSION OF ATTACHMENTS

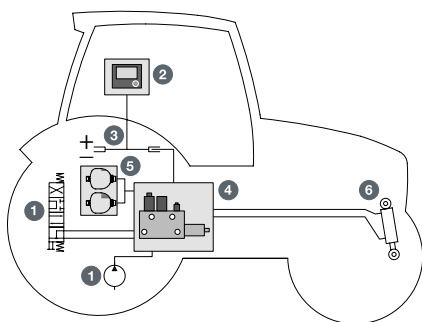
The BDR 2.1 pressure relief valve shifts the weight of the snow plough to the front axle improving traction. Extremely responsive and perfectly controlled, the system ensures excellent performance especially in difficult terrain.



BETTER TRACTION. LESS WEAR.



Pressure relief valve BDR-2.1



- | | |
|--------------------------------|---------------|
| ❶ The tractor hydraulic system | ❷ Spool chest |
| ❸ Touch screen display | ❹ Accumulator |
| ❺ Electric connections | ❻ Lift rams |

Specifically developed for the harsh conditions in winter service, the BDR-2.1 Hauer pressure relief valve quickly established itself on the market. The system makes clever use of the hydraulic system and scores on robust mechanics and precision electronics for reliable service day-in, day-out. Better traction and clearly better steering reduce wear on the material and damage to the ground and provide an excellent driver experience and maximum safety. Versatile tractors benefit from the system also outside the winter season when operating toppers or mowers, for example.

The weight percentage to be shifted to the tractor is conveniently set on the digital display screen. The unit stores up to five different implements. Furthermore, operators can vary the percentage flexibly on the move to suit varying conditions. The dial can be retrofitted to existing LS and OC systems. Extra sensors are not required.

By default, the hydraulic accumulators are set to provide perfect contouring to 400kg+ attachments. For more light-weight attachments of less than 400kg it may be necessary to change the pressure inside the accumulator reservoirs.

TS-3 SALT AND GRAVEL SPREADER

IN FROST AND ICE AT ANY TIME



With the construction of the TS-3 the main emphasis was put on a process and function based design. The spreader offers various additional features and is ideal for spreading material on streets, roads and parking lots. Developed with a focus on close attachment to the three-point linkage for optimum weight distribution, the implement offers the best possible ride on snow and ice covered surfaces.

Attachment options:

- 3-point attachment (hooks cat. 2/3, lower links spacing 825/965mm)

Standard specification:

- Separate auger and vane drives; 1 hydraulic motor for each (requires 1 da spool)
- Manual spreading pattern control by adjusting the deflector
- Manual spreading rate and width control via spools
- Stainless steel vanes and deflector
- Galvanised auger and hopper grid
- Strong, galvanised and paint-coated hopper base
- Rubber curtain directly placed on the vanes protects the vehicle
- High-quality, long-lasting and low-energy LED road lights
- Stand



Options:

- TS-W proportional control with touch display (requires a standardised signal socket or a speed sensor)
- Forward speed sensor for proportional TS-W control (required in lack of signal socket)
- Electronic proportional TS-N control for straightforward spreading rate and width control
- Electric spreading pattern control
- Hydraulic self-loading system (requires 1 extra da spool)
- Remote oil supply by pto pump
- Stainless steel auger
- Work lights (require TS-N / TS-W)
- Outside temperature indicator with sensor (require TS-W)
- Filling level indicator with sensor (require TS-W)
- Spreading control with sensor (require TS-W)
- Flashing light (require TS-W)
- Stirring unit for dissolving clumped spreading material
- V4A stainless steel stirring unit for dissolving clumped spreading material
- optional version salt spreader TS-3 S with salt-auger, especially for fine-grained dried and partially dried de-icing salt from silos or as bagged goods
- Tarp cover, simple
- Tarp cover 2.0, foldable with handle



Type salt- and gravel spreader		TS-307	TS-310	TS-315
Hopper volume	m³	0,7	1,0	1,5
Unladen weight	kg	415	445	525
Total width	mm	2020	2020	2020
Spreading width	m	1-8	1-8	1-8
Minimum rate in litres carrier vehicle	l/min	50	50	50
Spreading rate with gravel or salt (with TS-3) *	l/min	10-200	10-200	10-200

* with gravel (natural quarry stone with grain sizes 2-8 mm)
or with salt (density 15 kg/10 l - spreading width: 5m, driving speed: 9 km/h)

Type salt spreader		TS-307 S	TS-310 S	TS-315 S
Spreading rate with salt **	g/m²	5-100	5-100	5-100

** with salt (density 15 kg/10 l - spreading width: 5m, driving speed: 9 km/h)



FULL STEAM AHEAD. FIRMLY COUPLED.



The universal coupling plates with attachment parts from Hauer provide for an efficient driveline from the tractor to the implement.

- Permanently bolted or pin-fitted
- Interchangeable with FS-4 series front linkages saving time, purchase and labour costs
- Optional support beam is available for the coupling plate or series FS-4 linkages
- Unrestricted ground clearance after removing the coupling plate
- No impact on steering angle and pivoting range
- Optional PTO

The attachment parts are available for nearly all tractors.
Custom weld parts are available for special machines or
other types of tractors (customer-fitted).



Coupling plates for OEM front linkages

Optional support beams are available for many tractor makes and models for attaching the plate to the lower links



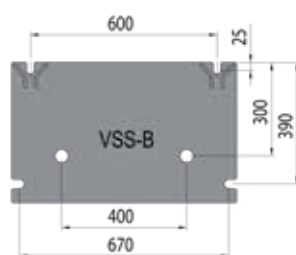
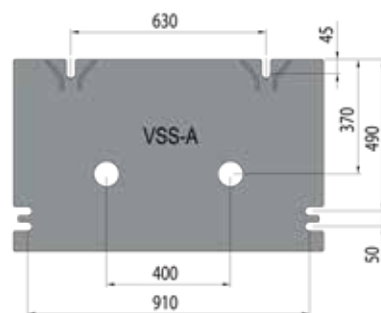
Cover coupling plate

for Hauer, Euro size 3, Euro size 5, VSS-A, VSS-B

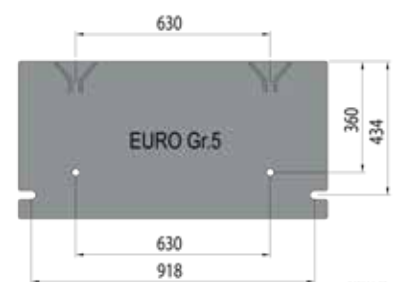
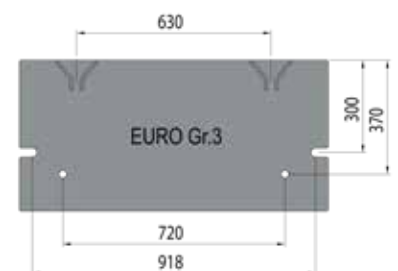
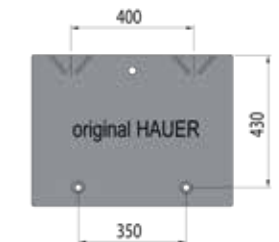


Coupling plate versions

More versions are available as options on request. Please provide the dimensions and a sketch.



840116-57



840116-55

Coupling plate norms

Euro size 3: DIN 76060 form A; Euro size 5: DIN 76060 form B; VSS-A: SN640764b; VSS-B: SN640764b

Strength requirements Euro size 3: EN15432-1:2011 F2; Euro Gr.5: EN15432-1:2011 F1





COMMUNAL FRAME AND AXLE LOCK

For the use with unilateral loads and torsional forces, the Hauer communal frame is used together with an axle lock. These are suitable for operating side-mounted attachments such as boom mowers or a branch cutter with a boom. The communal frame consists of side screw-on plates, coupling plates, support beam and rear axle support. The communal frame and axle locks are available on request, depending on the tractor type and specific equipment.



Axle lock
for Hauer communal frame



Axle lock
without communal frame with reinforcement plates



COMMUNAL EQUIPMENT PREMIUM QUALITY THAT PAYS

All Hauer products are manufactured in our factory in Lower Austria. Premium-quality materials, advanced manufacturing technology and the long-lasting experience of our staff combine with an active quality assurance programme to give our communal equipment the durability and longevity our customers deserve.

These are the ingredients of the traditional Hauer quality made in Austria that warrants highest productivity and best value for money.

Communal equipment from Hauer is a pleasure to use – today and tomorrow.





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