

SINGLE-BLADE SNOW PLOUGH – SNK & SNP

Proficient at lower altitudes – and also the perfect solution for slush and wet snow

Single-blade snow ploughs SNK and SNP:

The lightweight snow ploughs of the SNK and SNP series are equipped with a polymer blade and designed for clearing minor amounts of snow at lower altitudes. Both variants are easy to operate and, owing to their anti-corrosion polymer blade, adept at clearing remaining snow and slush. With their low-maintenance and non-corrosive plough blades, SNK and SNP lightweight snow ploughs efficiently and reliably complete their clearing tasks on both inner-city and rural roads. Depending on the size, they are suitable for mounting on narrow-track vehicles, vans and pickups as well as on Unimogs and large trucks. Mounting and dismounting can be done in a matter of minutes.

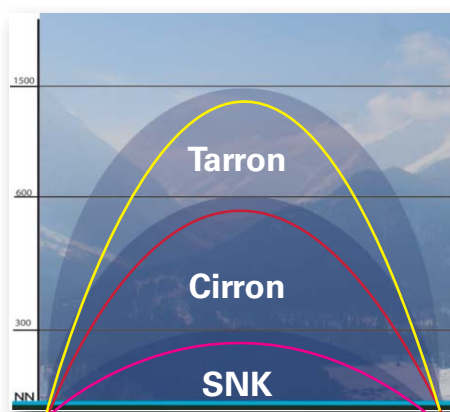
The ploughs can be easily and infinitely adjusted to both sides. The coordinated geometry of the blade, the cutter edge and the blade angle ensure optimum snow ejection regardless of the consistency or amount of snow being cleared. The self-contained blade form, which was specifically developed for wet snow clearance, eliminates the need for an additional snow dust protector.

The compact, self-supporting SNK plough blade is cushioned against vibrations in a diagonally braced steel frame. This makes it a lightweight but stable snow plough. The lightweight SNK snow plough comes in variations with cutting edge lengths between 1,800 mm and 3,700 mm.



With corrosion-free polymer against slush and wet snow

- Plough blade with integrated snow dust protector
- Smooth-running
- Polymer plough blade:
 - Corrosion-free
 - Lightweight
 - Low-maintenance
 - Reduced noise level



Schmidt snow ploughs have been specifically designed for a wide range of applications at various altitudes and snow characteristics.

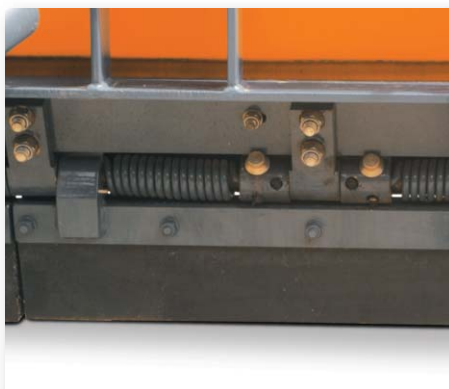
The especially powerful Tarron is recommended for high altitudes, the Cirron for medium altitudes and the SNK for applications with minor amounts of snow.

The especially cost-effective SNP is available in two variants with cutting edge lengths of 2,655 and 2,955 mm. Thanks to its electrohydraulic system, the SNP is also infinitely adjustable, thus offering a great deal of flexibility. The integrated floating position permits the snow plough to smoothly adapt to the ground conditions, even at maximum clearing speeds of up to 40 km/h. Noise reducing rubber cutting edges make the SNP also extremely environmentally compatible.



5. Deviation system

Up to the plough model SNK 24, a telescopic arm with retaining spring provides for safety when driving over surface obstacles; as from the plough model SNK 27, this task is assumed by a spring loaded system with torsional springs. These safety devices help overcome obstacles without damaging the snow plough.



1. Mounting

The ploughs can be mounted on any vehicle featuring a lifting system, e.g. on narrow-track municipal vehicles, but can also be delivered with an integrated lifting system. The large SNK series can be mounted on the vehicle mounting plates conforming to the respective standards of Switzerland, Austria, France, etc.

2. Castor wheels

Height-adjustable castor wheels can optionally be delivered.



3. Hydraulic changing of sides

The hydraulic cylinder allows for infinitely putting the ploughs in any desired angle position.



4. Plough activation

All functions such as lifting, lowering and swivelling are hydraulically actuated. As hydraulic equipment, either the vehicle's hydraulic system or a complete electrohydraulic system (optional) on the vehicle mounting plate – safely accommodated in a plastic box – can be selected. The operation of this system merely requires a power supply point at the vehicle. The system is controlled conveniently via a control panel in the driver's cab.

SNOW PLOUGH COMPONENTS

Tarron	MS 27.1	MS 30.1	MS 32.1	MS 34.1	MS 36.1	MS 40.1
Snow plough height left (mm)	1.060	1.060	1.060	1.060	1.140	1.140
Snow plough height right (mm)	1.200	1.200	1.200	1.200	1.290	1.290
Snow plough height centre (mm)	1.060	1.060	1.060	1.060	1.140	1.140
Length of cutting edge (mm)	2.700	3.000	3.200	3.400	3.600	4.000
Clearing width at 32° (mm)	2.290	2.540	2.710	2.880	3.050	3.390
Approx. weight (kg)	870	900	1.015	1.060	1.110	1.155
Number of blades	3	3	4	4	4	4

Tarron Compact	MS C 24	MS C 27	MS C 30
Snow plough height left (mm)	950	950	950
Snow plough height right (mm)	950	950	950
Snow plough height centre (mm)	850	850	850
Length of cutting edge (mm)	2.400	2.700	3.000
Clearing width at 32° (mm)	2.035	2.290	2.540
Approx. weight (kg)	560	590	630
Number of blades	3	3	3

Cirron	SL 24	SL 27	SL 30	SL 32	SL 34	SL 36	SL 40
Snow plough height	930	930	930	930	930	930	930
Length of cutting edge (mm)	2.400	2.700	3.000	3.200	3.400	3.600	4.000
Clearing width at 32° (mm)	2.035	2.290	2.540	2.710	2.880	3.050	3.390
Approx. weight (kg)	660	700	755	775	805	860	965
Number of blades	3	3	4	4	4	4	5

SNK	18	21	24	27.1	30.1	34.1	37.1
Snow plough height	800	800	800	1.180	1.180	1.180	1.180
Length of cutting edge (mm)	1.800	2.120	2.420	2.700	3.000	3.400	3.700
Clearing width at 32° (mm)	1.550	1.800	2.100	2.310	2.550	2.940	3.180
Approx. weight (kg)	220	244	266	405	440	505	560
Cutting blade sections	6	7	8	4	4	5	5

KL-V	18	24	32
Snow plough height (mm)	850 / 750	850 / 750	1.130 / 1.130
Length of cutting edge (mm)	1.800	2.400	3.440
Clearing width - one-sided plough (mm)	1.375	1.825	2.335
Clearing width - wedge-shaped plough (mm)	1.360	1.790	2.390
Clearing width - V-shaped plough (mm)	1.390	1.860	2.300
Approx. weight (kg)	260	305	830
Cutting blade sections	2	2	4

SNP	27.1	30.1
Snow plough height	1.130 / 1.185*	1.130 / 1.185*
Length of cutting edge (mm)	2.700	3.000
Clearing width at 32° (mm)	2.340	2.590
Approx. weight (kg)	405	430
Cutting blade sections	4	4

* Dimensions for deviation system with axial springs

