



snow plough **KALNIK**



*medium heavy duty
snow plough*





Purpose

KALNIK snow ploughs are used for snow clearing on motorways, major roads and streets.

Technical description

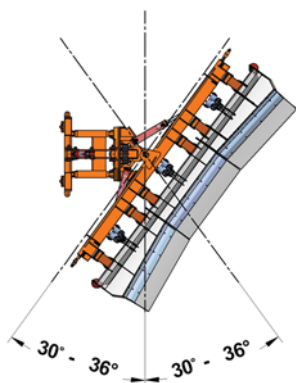
KALNIK snow plough is controlled by an electronic control panel from the vehicle cabin. Snow clearing is possible both to the left and to the right side.

Snow plough and vehicle are protected by multiple safety elements while crossing obstacles. When used properly, the safety elements prevent damage to the snow

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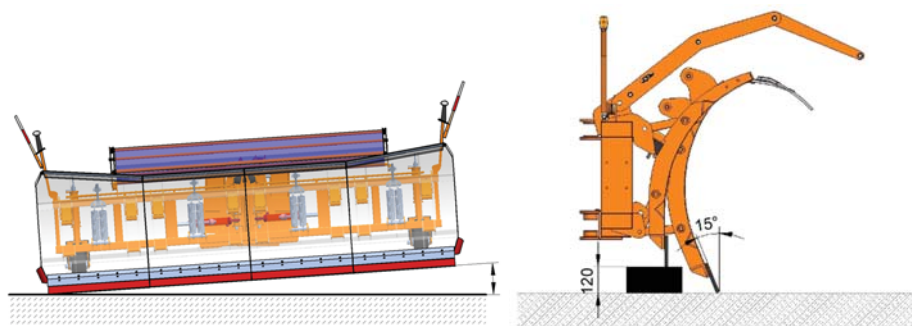
plough, the vehicle and most importantly protect the safety of the operator. KALNIK is designed as a multi-section snow plough where sections of 800, 900, 1000 and 1100 mm width are combined. Standard dimensions and number of sections are shown in the table.

KALNIK snow ploughs are delivered with yoke which allows change of snow clearance angle between 30° and 36°, depending on need and type of snow. Wider angle is usually used for wet and heavy snow.



Obstacle activates lever connection between the plough section and the beam. Section is lifted during obstacle crossing and returns to work position when obstacle is passed.

Snow plough has axial tilt ability for better adjustment to the surface being cleaned.



Outline lights

Standard for sizes 3 m and up. Additional reflective markings and turn signals available on request.

Plough section

KALNIK is designed as a multi-section snow plough with independent blades for better adjustment to the surface being cleaned. Blade's curve ensures excellent snow casting, even at low clearing speed.



Support element (slide pad, castor wheel)

Used to support the weight of the snow plough and to prevent cutting into soft surfaces during snow clearing. Castor wheels are recommended for larger snow ploughs.

Snow deflector (tarpaulin)

Option. Provides additional protection from snow spraying to the vehicle's windshield during snow clearing operation.



Attachment plate

Made and adapted according to valid standards for front mounting plates on vehicles (EN 15431 tip F1(/C), DIN 76060 type "A" i.e. "B", ÖNorm S2044).

Attachment plate has height adjustable claws for proper attachment system levers angle adjustment.

Snow deflector (rubber apron)

Standard. Protects the vehicle's windshield from snow spraying during snow clearing operation.



Plough beam

Double beam supports primary safety elements and ensures snow plough rigidity for good and safe snow clearing.



Scraping strips

Various types available (wear resistant steel, polyurethane etc.)

type	weight * [kg]	clearance width at		attack angle	number x number of sections [mm]
		30°	36°		
KALNIK 3.0	940 ÷ 1050	2600	2430	15°	3 x 1000
KALNIK 3.2	1000 ÷ 1125	2770	2590		4 x 800
KALNIK 3.4	1035 ÷ 1160	2950	2750		2 x 800 + 2 x 900
KALNIK 3.6	1075 ÷ 1235	3120	2910		4 x 900
KALNIK 4.0	1140 ÷ 1300	3460	3240		4 x 1000
KALNIK 4.5	1200 ÷ 1375	3900	3640	5 x 900	



* snow plough weight depends on desired options

Additional equipment

Swiveling scraper strips

Additional safety element for safer obstacle crossing and for lower vibrations and noise levels during snow clearing. Especially recommended for snow clearing on city streets.



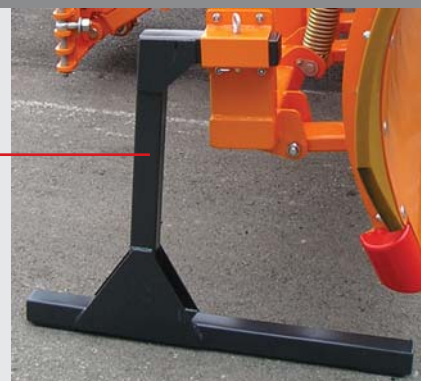
Castor wheels filled with special substance

Recommended for high speed clearing and during high load on the wheels (motorways, mountains).



Storage legs

Used for snow plough storage off-season. Recommended in combination with polyurethane scrapers to prevent damage to scrapers. Storage legs with castor wheels also available.



Mounting

KALNIK snow ploughs can be mounted on trucks, UNIMOG type multipurpose vehicles and other vehicles that have the necessary engine power. KALNIK can be mounted on vehicles equipped with a proper hydraulic system and a front mounting plate according to EN 15432 F1(/C) standard.

It is recommended that the KALNIK snow plough is mounted on the vehicle by the manufacturer or by an authorized workshop according to manufacturer's instructions.

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Dealer

