



PV

Snow plough



The PV is a multi-bladed swing arm snow plough perfect for winter service on country, district and national roads. Thanks to weight optimisation and various clearing widths, the PV snow ploughs can be adapted to most common carrier vehicles. They are available as three or four-blade versions, either as a PV plough with 9° angle cutting edge or as a PVF plough with 21° angle cutting edge.

Highlights

- Power-flow and shape-optimised blades for optimum snow removal
- Suitable for all types of snow and road conditions
- Single coulter suspension for roadway adaptation
- Automatic drive over system

Your benefits

- **Safe driving over obstacles** without damaging the snow plough thanks to the automatic override system
- **Clean and aggressive clearing behaviour** thanks to pre-tensioned handlebars
- **Low-noise clearing** thanks to shock-absorbing and noise-reducing swing links
- The PV snow plough can be used for optimum black or defined white clearing in **any type of snow and on any road condition**

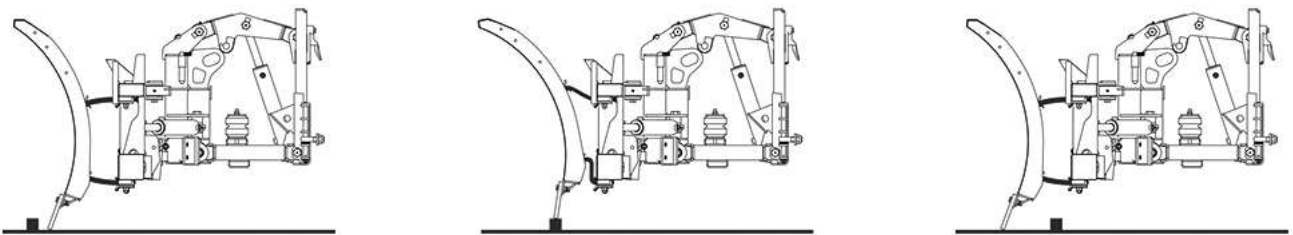
Performance features

Plough blade

The PV is designed as a multi-blade snow plough with **individual blade suspension**. The PV snow ploughs are available as three or four-blade versions as a PV plough with 9° angle or as a PVF plough with 21° angle cutting edge. The **power-flow and shape-optimised blades** ensure optimum snow removal. Blades of the same length considerably simplify the storage of cutting edges. The individual blade suspension positions the blades effectively onto the road and adapts to any surface. The spring pre-tensioned and adjustable turning part enables **optimum alignment** to the road surface. A flatter scraper blade angle of 21° allows more **aggressive clearing** in areas with heavy snowfall. The clamping device enables quick and safe changing of the cutting edges, so that costly drilling of is no longer necessary. Depending on intended use, different cutting edges are available.

Override security system

The **automatic, maintenance-free override system**, with plough blades guided on handlebars, ensures safety when driving over obstacles without damaging the snow plough. The swinging links are shock-absorbing, maintenance-friendly and noise-reducing. They are resistant to low temperatures and protect the driver and vehicle from bumps and knocks when driving over obstacles.



Angling system

The hydraulic swivelling of the plough is carried out by **two telescopic cylinders** with integrated overload protection. This can be set to a clearing angle of 32°/36° by means of an adjustable stop. Raising and lowering is done by a double-acting **hydraulic lifting cylinder** with lowering restrictor.

Snow deflector

At speeds of up to 40km/h (25mph), the snow dust protection prevents snow from obscuring the windscreen of the carrier vehicle, while the snow guide rubber prevents snow from swirling over the plough blade. At higher clearing speeds, the height-adjustable snow deflector also deflects snow dust downwards.

Mounting

The PV has a universal device plate for safe and quick mounting and dismounting in accordance with DIN 76060 A or B. The screwed-on mounting claws are interchangeable; and the device plate is height-adjustable through various attachment points and can be flexibly adapted to the carrier vehicle.

The PV has parking supports which ensure safe mounting and dismounting of the plough. Standard castors allow the parked plough to be moved and make mounting easier. PV ploughs generally have a transport eyelet at the centre of gravity.

The quick-change devices offer safety during quick change. The guide claws and swivel bolts mean handling is not necessary under or between vehicle and plough.

Related product

Tarron HP

Snow plough



CPS 5.3

Snow plough



PS

Snow plough



Keywords

#Counties, Cities & Municipalities #Contractors #Clearing Snow #Highways & Main Roads #Innercity Roads #Parking Facilities & Underground Car Parks

Technical data

	PV 23-3N	PV 26-3	PV 27-4
Construction			
Number of blades	3	3	4

Dimensions			
Plough height right	995 mm	1,240 mm	1,240 mm
Plough height left	998 mm	1,140 mm	1,140 mm
Length at cutting edge	2,700 mm	3,000 mm	3,200 mm
Clearing width at 32°	2,295 mm	2,605 mm	2,725 mm
Clearing width at 36°	2,190 mm	2,430 mm	2,600 mm

Weights			
Approx. weight with steel cutting edges	755 kg	860 kg	935 kg

	PV 28-3	PV 29-4	PV 30-3
Construction			
Number of blades	3	4	3

Dimensions			
Plough height right	1,240 mm	1,240 mm	1,240 mm
Plough height left	1,140 mm	1,140 mm	1,135 mm
Length at cutting edge	3,300 mm	3,400 mm	3,600 mm
Clearing width at 32°	2,805 mm	2,895 mm	3,065 mm
Clearing width at 36°	2,675 mm	2,760 mm	2,920 mm

Weights			
Approx. weight with steel cutting edges	910 kg	940 kg	930 kg

	PV 30-4	PV 34-4	PVF 30-4 H
Construction			
Number of blades	4	4	4

Dimensions			
Plough height right	1,240 mm	1,240 mm	1,460 mm
Plough height left	1,140 mm	1,140 mm	1,348 mm
Length at cutting edge	3,600 mm	4,000 mm	3,600 mm
Clearing width at 32°	3,065 mm	3,400 mm	3,065 mm
Clearing width at 36°	2,920 mm	3,245 mm	2,920 mm

Weights			
Approx. weight with steel cutting edges	980 kg	1,070 kg	1,050 kg



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Document created on 26 Feb 2021

