

**SCHMIDT**

## Winter Maintenance Equipment for High Performance Snow Clearing on Motorways





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## ML 51-A Motorway Snow Plough **VECTOR**

The design of the ML 51-A motorway plough is based on the successful and well-proven VECTOR multisection plough range with automatic kickback system.

The strong central frame provides the snow plough with outstanding lateral and torsional stability.

As standard, the plough is equipped with a 3-point coupling system, for connection to the mounting plate on the vehicle. The 3-point mounting system guarantees

reliable raising and lowering of the plough without undue stresses.

The robust parallel arms transfer the ploughing forces to the vehicle chassis, enabling high clearing speeds to be safely achieved.

A folding extension to the plough, fitted at one end, depending on the hand of drive, increases the clearing width to 4.42 m. For transit purposes, the extension folds back to the normal width of the plough.



Plough extension folded back





## CPS 5.3 Side-Wing Plough

The side-wing plough, fitted to the truck chassis between the axles, increases the clearing width of the combined ploughs to approximately 6.30 m. The plough is fitted with the automatic kickback system from the CP (constant position) range of ploughs.

### Attachment

A robust mounting frame is fitted around the complete vehicle chassis, to withstand all side loadings from the plough.

### One man mounting

With a specially designed storage and mounting trolley, the side-wing plough can be easily brought up to the side-mounted vehicle attachment plate and safely mounted by a single operator.

### Suspension system

A double wishbone system with spring suspension ensures that in operating position, the plough will automatically compensate for road surface irregularities.

### Transit

For travel to and from the operating area, the plough is simply raised and swung in close against the vehicle side, leaving only a minimum projection beyond the normal vehicle dimensions.



CPS 5.3 side-wing plough with „constant position“ kickback system



Robust mounting frame encases the chassis



Side-Wing plough mounting and suspension unit



CPS 5.3 side-wing plough in transit position, with automatic safety latch



A complete, coordinated winter maintenance combination for effective snow clearing and ice prevention on motorways:

**SCHMIDT**

**ML51-A Motorway snow plough**

**CPS 5.3 Side-wing plough**

**Mitos or Stratos spreader**

**MITOS/STRATOS**

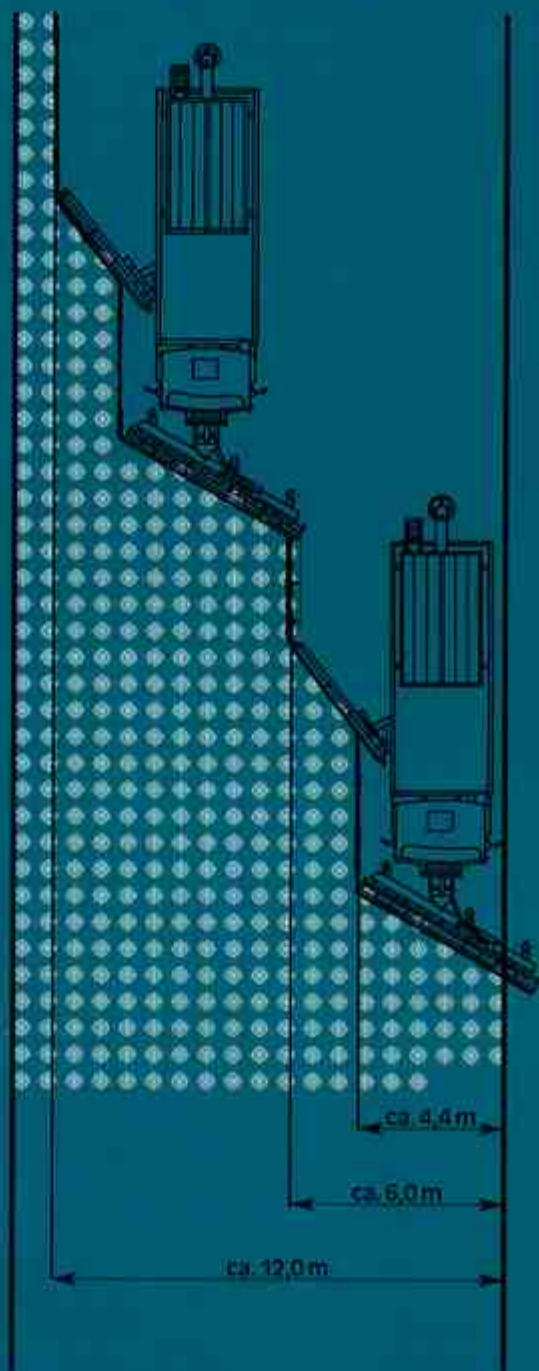
## Technical Data

### ML 51-A Motorway Snow Plough

Length of wear edge	approx. 5100 mm
Plough height (without snow deflector)	920 mm
Clearing width at 30° plough angle	approx. 4420 mm
Clearing width with extension folded	approx. 3380 mm
Weight (in working order, without optional extras)	approx. 1430 kg

### CPS 5.3 Side-Wing Plough

Length of wear edge	approx. 3300 mm
Plough height (inboard/outboard)	980 / 1400 mm
Clearing width at 40° plough angle	approx. 2530 mm
Weight (in working order, without optional extras)	approx. 850 kg



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Illustrated equipment may differ from standard model