



CPS

Snow plough



The side wing plough is an essential tool for efficient clearing snow and ice from highways. The CPS side plough gives you the ability to extend the clearing width in combination with a front snow plough. This allows for more efficient and faster snow removal, reducing the number of passes and vehicles required to clear a highway.

Highlights

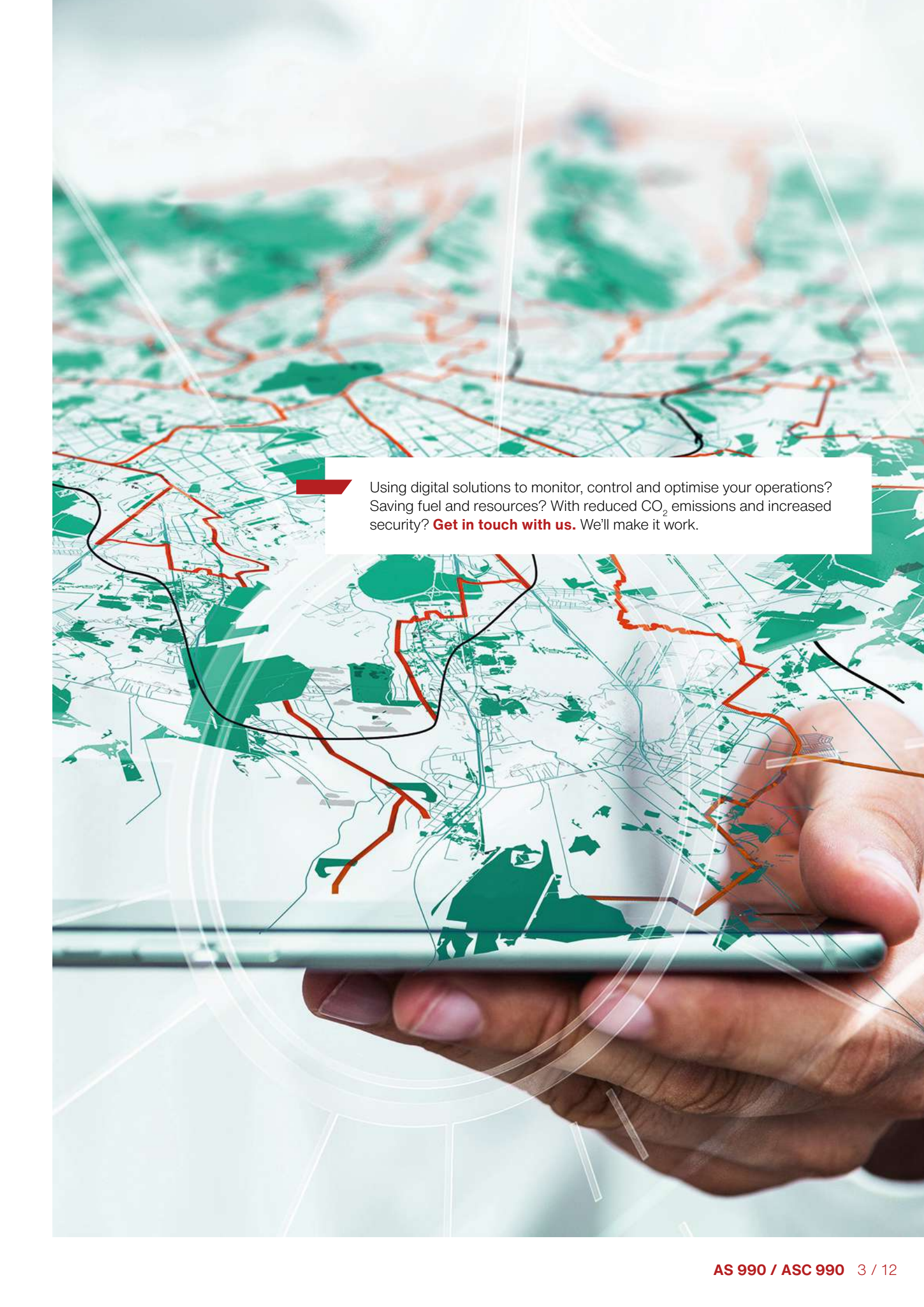
- Built for **high speed snow clearing** on highways
- **Stable and robust construction** with low weight
- **Hydraulic plough relief**
- Fully **automatic override system**
- **Integrated safety light**

Your benefits

- **Increased clearing efficiency:** The CPS side plough extends the clearing width when paired with a front snow plough, for faster and more efficient snow and ice removal.
- **High-speed clearing:** Designed and built for effective snow clearing on highways and various snow conditions.
- **Quick and easy attachment:** Fast mounting and demounting of the plough with the hydraulic locking system or the standard Schmidt mounting plate, which reduces downtime.
- **Customizable and versatile solution:** Tailor the CPS side plough to meet your specific operational needs with its versatile options.

We know how important it is that your machines and equipment are always ready to deploy. **Get in touch with us** about our range of tailored services and original spare parts.





Using digital solutions to monitor, control and optimise your operations? Saving fuel and resources? With reduced CO₂ emissions and increased security? **Get in touch with us.** We'll make it work.

Performance features

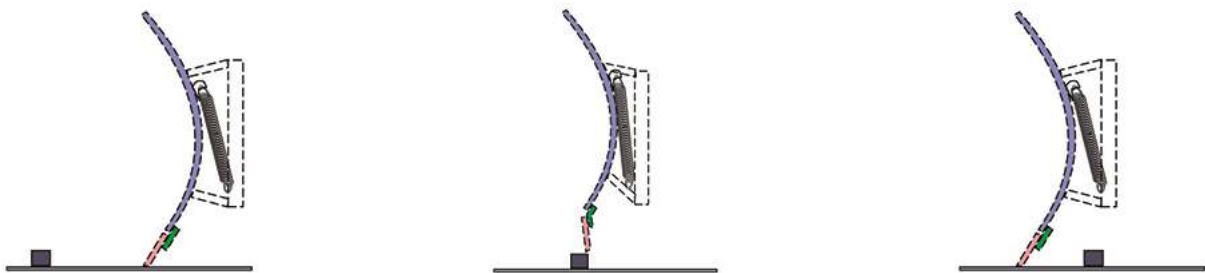
Plough blade

With a high degree of inclination blade shape, the CPS sideplough is developed for a clean snow flow at high clearing speed, necessary on highways. The CPS is designed with a swivel suspension, which allows the blade to pivot or swing, improving manoeuvrability and enabling better control when clearing snow around obstacles or curbs. The torsion-resistant and stable box construction guarantees a very high stability at low weight. The CPS delivers aggressive and very thorough clearing due to the 15° angle of attack of the cutting edge.



Override security system

The automatically operating override system guarantees uninterrupted snow removal with the highest possible degree of protection of the vehicle and plough from damage. When hitting an obstacle, the impacted segment of the cutting edge bends backwards thanks to the polyurethane shock absorbing rail fitted between the plough blade and the cutting edge. This allows the plough to pass the obstacle, while the other cutting edge segments stay on the surface and clear the snow. After override the obstacle, the polyurethane rail and spring return to the initial position and press the ploughshare to the ground.



Lifting device

The CPS has a rotating point lifting system with integrated tension springs for automatic horizontal adjustment to a road surface to reduce ground pressure during snow clearing operation.



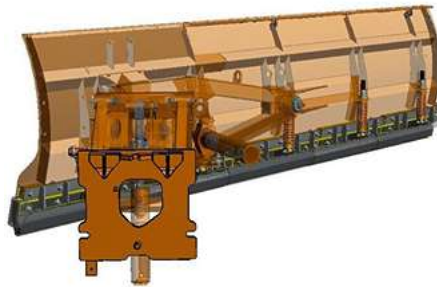
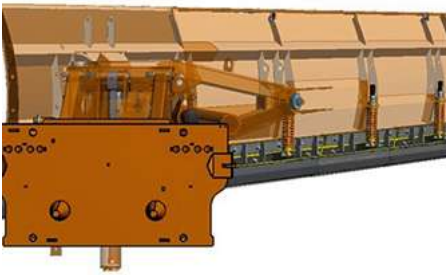
Kerb deflectors

The side deflectors help keep the plough from scraping against kerbs and edges when clearing in urban areas.



Mounting

The Schmidt CPS side snow plough is easily attached to the truck thanks to the quick attachment system. The mounting plate F1 with a hydraulic locking system allows it to be mounted and dismantled swiftly on the carrier vehicle. Also available with the Schmidt standard mounting plate.



Safety lighting

Improved visibility gained by integration of working side lamps with the orange flashing lights located horizontally on the plough blade.



Options

- Heightened plough blade on the right side
- PUR blade extension
- Rubber splash guard
- Warning marks red/white
- Warning flag

Related products

SHJ

Snow plough





Trust in our many years of uniquely diverse experience. **Get in touch with us.** We'll find the right solution for your specific challenge.

Technical data

	CPS 33-25	CPS 42-32	CPS 42-34
Construction			
Number of blades	1	1	1
Attack angle of the blade	15°	15°	15°
Dimensions			
Plough height	1,040 mm	1,040 mm	1,100 mm
Length at cutting edge	3,300 mm	4,200 mm	4,205 mm
Clearing width	2,200 mm at 50°	3,200 mm at 50°	3,400 mm at 55°
Weights			
Approx. weight with steel cutting edges	-	950 kg	950 kg



© Aebi Schmidt Group
www.aebi-schmidt.com

Aebi Schmidt Holding AG
CH-8050 Zurich, Switzerland

All rights reserved. Technical data is subject to change.
Illustrations are not binding. Errors and amendments excepted.

Document created on 6 FEB 2025

