

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

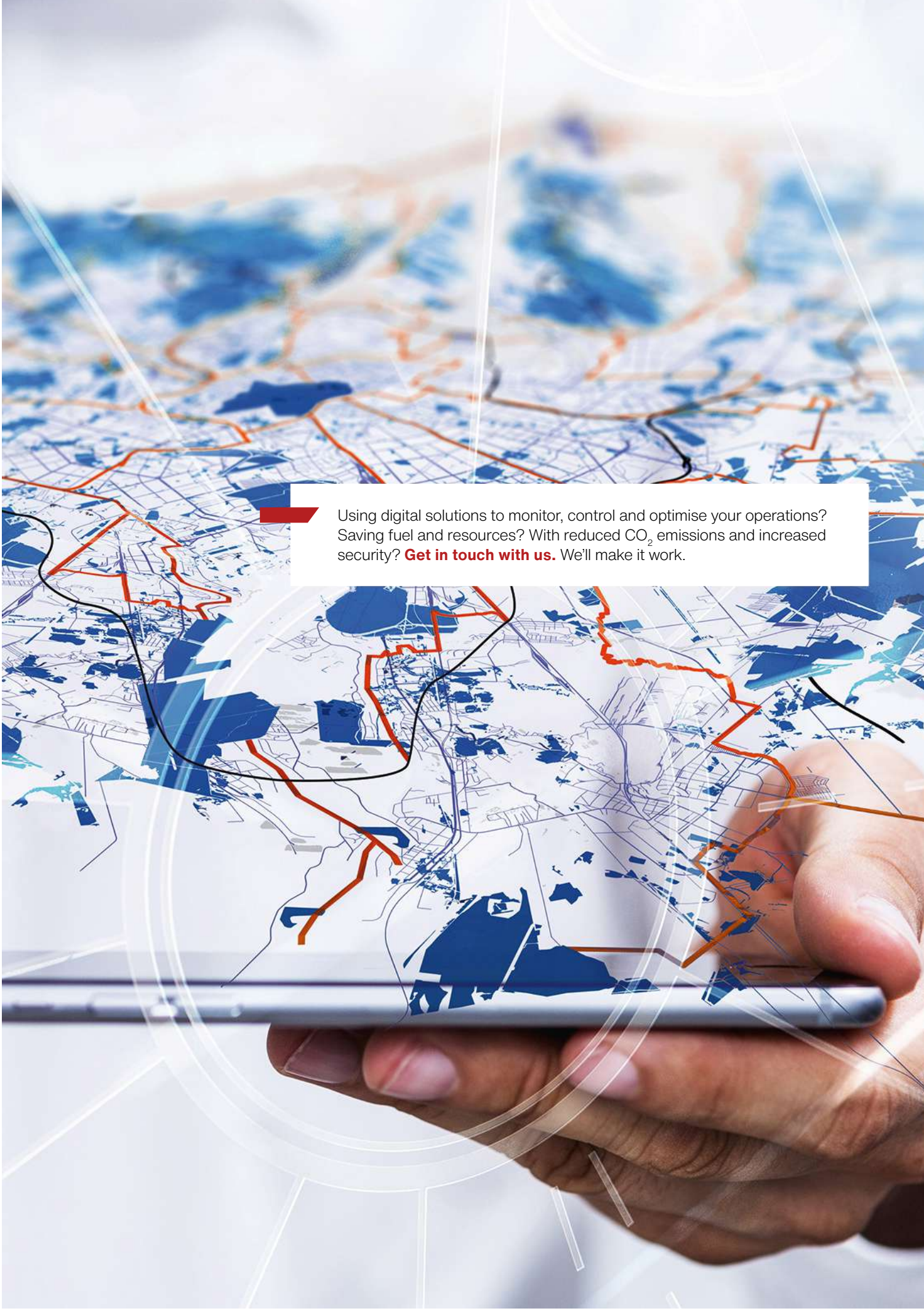
- Built for **high speed snow clearing** on highways
- **Stable and robust construction** with low weight
- **Hydraulic plough relief**
- Fully **automatic override system**
- **Integrated safety light**

Your benefits

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



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Performance features

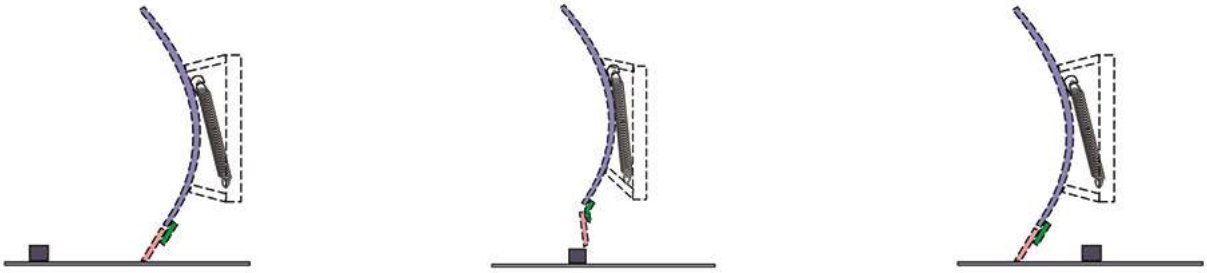
Plough blade

With a high degree of inclination blade shape, the CPS sideplough is developed for a clean snow flow at high clearing speed, necesarry 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.



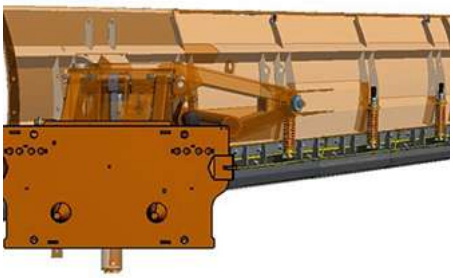
Kerb deflectors

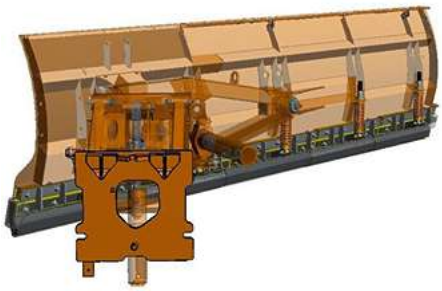
The side deflectors help keep the plough from scraping against kerbs and edges when clearing in urban areas.



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 dismounted swiftly on the carrier vehicle. Also availabe 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

Arctic SHJ

Snow plough





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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
Operational Dimensions			
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

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