



Technical features, standard equipment,  
optional features and dimensional data

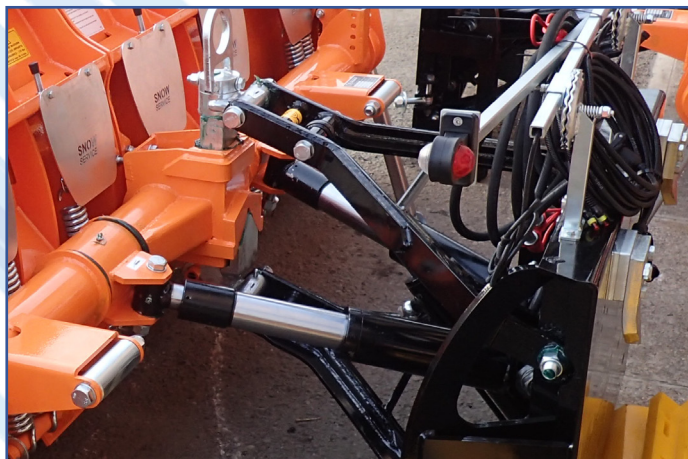




## STANDARD EQUIPMENT



**Warning poles**



**Double-acting orientations cylinders**



**Polyurethane elastomers**  
to prevent the snow plow from tipping over



**Retaining mechanical hooks**  
to provide vibration protection



**Adjustable parking legs**



**Anti-shock valve**  
on the orientation cylinders



## OPTIONAL FEATURES



**Curved steel upper extension**



**Pair of pivoting and adjustable in height wheels**



**Rubber splashguard on the curved extension**



**Expandable side-marker lights (long poles)**



**Pair of supplementary lights**



**DIN 76060/A (group 5) attachment plate**



**PVC tarpaulin cover with adjustable supports**



**"V"-shaped steel extension**



**Neoprene cutting edges 240x30 mm**

## TECHNICAL SHEET

### MAIN FEATURES

CODE	MODEL	WEIGHT (kg)	WEIGHT+LIFT (kg)	WIDTH (mt)	HEIGHT (mm)		WORKING WIDTH (mt)
					standard	with lift	
5030310	A2S 86 283	740	800	2,83	1,03	1,18	2,32
5030320	A2S 86 306	770	830	3,06	1,03	1,18	2,51
5030330	A2S 86 326	810	870	3,26	1,03	1,18	2,68
5030340	A2S 86 356	850	910	3,56	1,03	1,18	2,92

#### 1. Classification

Snowplow designed to fit trucks with PTT > 100 quintals and agricultural tractors with a horsepower category range larger than 90 hp and weight range > 45 quintals.

#### 2. Structural Features

Plow completely made of high-strength steel and equipped with quick coupling DIN plate, in compliance with the DIN 76060/A regulations. The front blade is made of N. 2 independent sectors with cutting edges in wear resistant steel or, on request, in Neoprene. Customized elastomer shock-absorbing system, tie effect of the elastomers, obstacle overcoming system with complete forward overturning of every single blade sector and immediate return to the vertical working position once the obstacle is overcome. Retaining mechanical system (retaining mechanical hooks) to maintain the blade in vertical position during normal snow clearing operations. Side mechanical stops in the positions of maximum inclination (in order to provide the hydraulic inclination cylinder protection). Central mechanical system that enables a transverse pitch angle of + 5°, with the possibility to automatically block the plow when lift it to get it horizontal and safe to drive. Painted with special anti-rust treatment and final paint RAL 2011 (orange). Overpressure valve to prevent from side impact, R2 pipes with fittings and unified quick couplings.

#### 3. Mode of operation

Hydraulically driven, through hydraulic cylinders for the left/right tilt movements and lifting/lowering procedures.

#### 4. Power supply

24 V electro- hydraulic power unit installed, on request (optional), on the snowplow. As an alternative option, a special hydraulic system installed on the vehicle (one or two double-effect distributors required, one with a floating position).

#### 5. Handling settings

Control of the plow by means of the electric push-button panel, with cable of appropriate length, and of the electro-hydraulic unit. As an alternative option, commands already present on the vehicle if equipped with a special hydraulic system (ex. agricultural tractor).

#### 6. Accessories: standard version

Flags, parking legs, overpressure valve on the right/left tilt circuit and steel wear resistant cutting edge.

#### 7. Optional features

DIN attachment plate with central ring (1200 x 600 mm) equipped with 4 mechanical bolts, Vulkollan (special polyurethane) cutting edges, Led side-marker lights, pivoting and adjustable in height slides, pair of additional lights with support on the DIN plate, electro-hydraulic control unit equipped with cable and push-button panel, steel curved lift bolted on the upper part of the snowplow, rubber splashguard, PVC tarpaulin cover, bipolar electric cable with protection fuse to connect the control unit to the battery of the vehicle, possible processing techniques on the vehicle.



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