



Technical features, standard equipment,
optional features and dimensional data

STANDARD EQUIPMENT



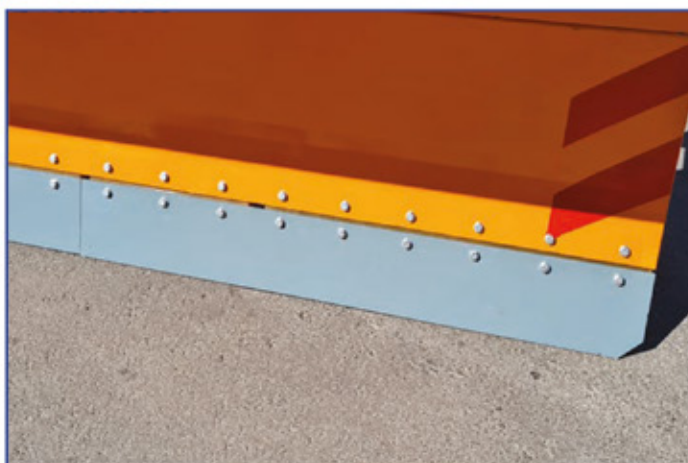
DIN 76060 A/B (gr.3 / gr.5) attachment plate



Lifting system by double-acting cylinder and orientation by n.2 single-acting hydraulic cylinders, equipped with anti-shock valve



Warning poles



Hardox 400 steel cutting edge



Curved upper extension - H.930 mm / H.1100 mm



"V"-shaped upper extension - H.1100 mm / H.1400 mm

OPTIONAL FEATURES



Hydraulic adjustment 2nd Vulkollan cutting edge



Lower bumpers between the cutting edge and the blade



LED side marker lights



24 V electro-hydraulic power unit
with push-button panel functions



Anti-shock system through pressurized springs



Anti-shock system through hydraulic cylinders
and nitrogen accumulator

TECHNICAL SHEET

MAIN FEATURES

CODE	MODEL	CURVED UPPER EXTENSION H. 930 (mm) / H. 1100 (mm)	"V"SHAPED UPPER EXTENSION H. 1100 (mm) / H. 1400 (mm)	WIDTH (mt)	WORKING WIDTH (mt)
5031340	2020 - 270	700 / 770	780 / 810	270	2,300
5031350	2020 - 300	740 / 810	820 / 850	300	2,494
5031360	2020 - 330	780 / 850	860 / 890	330	2,700
5031370	2020 - 360	820 / 890	900 / 930	360	2,950
5031380	2020 - 400	960 / 930	940 / 970	400	3,300

* N.B.: Weight with control unit + 100 kg. Weight with 2nd Vulkollan cutting edge + 120 kg.

1. Classification

Snowplough designed for trucks with PTT > 100 quintals kg and agricultural tractors with a horse power superior to 120 HP and weight > 45 quintals.

2. Structural features

Completely made of high-strength steel and equipped with quick hitch plate for easy attachment complying with the standards DIN 76060 A/B - Group 3/5. Blade made of high-strength steel with cutting edge made of steel. Anti-shock system through hydraulic cylinders and nitrogen accumulator or, as an alternative, through pressurized springs.

Mechanical coupling system of the DIN plate with the central body, which allows a transverse pitch angle of + 5° while in motion. Painted with special anti-rust treatment and final paint RAL 2011 (orange). Overpressure valve to reduce the side shocks and R2 pipes with fittings and unified quick couplings.

3. Mode of operation

Hydraulically driven, by means of hydraulic cylinders for right/left orientation and lifting/lowering movements and for front rear handling of the blade (through hydraulic cylinders and nitrogen accumulator) - as an optional feature.

4. Power supply

24 Volt electro-hydraulic power unit installed, on request (optional feature) on the snowplow. As an alternative option, a special hydraulic system installed on the vehicle (3 double-effect distributors required, one with floating position).

5. Handling settings

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

6. Accessories: Standard version

Front blade (low one, a curved upper extension must be added), flags, parking legs, overpressure valve for left/right inclination, DIN A/B (gr. 3/5) attachment, 2 hydraulic orientation cylinders and 1 hydraulic cylinder for lifting/lowering movements of the blade.

7. Accessories to be chosen for the Standard version

Curved upper extension for the versions with heights H. 930 mm and H. 1000 mm or a "V"-shaped upper extension for the versions with heights H. 1100mm and H. 1400 mm, anti-shock system through hydraulic cylinders and nitrogen accumulator or through pressurized springs, steel/hardox 400 or Neoprene cutting edges, lower bumpers between the cutting edges and the blade.

8. Optional features

Hydraulic adjustment 2nd Vulkollan cutting edge, rubber splash guard on curved upper extension, LED side marker lights, pair of additional work lights (position lights, high beams, low beam headlights), pair adjustable in height slides, pair of pivoting and adjustable in height wheels, 24 Volt electro-hydraulic power unit + push-button panel equipped with floating system (for the Vulkollan adjustment/hydraulic cylinders and nitrogen accumulator system) functions (6+1), 24V electro-hydraulic power unit + push-button panel functions (4+1), bipolar cable for the battery connection (vehicle side), DIN 76060 A/B (Gr.3/ 5) plate, rubber side extensions (1 left + 1 right), steel side bumpers (1 left + 1 right), kit of manual parking legs mounted on the DIN plate, kit of hydraulic parking legs mounted on the DIN plate.