

SNOW PLOWS

MDII

Pick Up - Commercial vehicles - Pickup trucks



Moldboard - Anti-corrosion stainless steel

Shockproof safety system with springs & side flags

Quick electric coupling - release system, between the spoiler and the vehicle via a pedal-operated locking pin

The system called RAPID LINK® is patented and registered BUYERS

Driven by the vehicle's battery

12V
24V



EASY

**Assembly
disassembly**



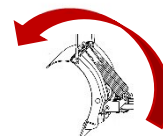
Maintenance



**Lights with
LED arrows**



**Spring shockproof
safety system**



SnowDogg® MDII series blades, electro-hydraulically operated with a single arm, suitable for urban and extra-urban use, to be mounted on most pick ups and trucks. Foot pedal assembly is quick and safe, easy to use ideal for users with light workload. Single sector snow plow blade with a single transversal arm and a single parallelogram equipped with a pin, for quick attachment to the vehicle chassis. The hydraulic system is operated by SAE standard cartridge valves and heavy 3/8 inch rubber hoses. Polyethylene splash guard deflector, right/left up/down on/off lights controller in cabin. Double beam halogen lights. The MDII series can be assembled and disassembled very quickly, with the RAPIDLINK® double-pedal rapid support. Aileron reinforced with welded steel rods, the roller is in stainless steel. The hydraulic cylinders allow precise positioning movement for both vertical movement and lateral movements with maximum precision, up to a maximum inclination of 36°



 MDII68

Length mm 2000



 MDII75

Length mm 2280



 MDII80

Length mm 2430

MODEL STANDARD

MDII68 Length mm 2000



- ✓ AISI 304 mm2 thick stainless steel aileron
- ✓ Powder coated steel structure
- ✓ **KIT** - Regulation controller and wiring cables ★
- ✓ Rapid link
- ✓ Shockproof return springs
- ✓ Depth lights
- ✓ Adjustable parking feet
- ✓ Polyethylene deflector
- ✓ 2 adjustable slides
- ✓ Mounting bracket for the vehicle
- ✓ Instruction booklet



MODEL STANDARD

MDII75 Length mm 2280



- ✓ AISI 304 mm2 thick stainless steel aileron
- ✓ Powder coated steel structure
- ✓ **KIT** - Regulation controller and wiring cables ★
- ✓ Rapid link
- ✓ Shockproof return springs
- ✓ Depth lights
- ✓ Adjustable parking feet
- ✓ Polyethylene deflector
- ✓ 2 adjustable slides
- ✓ Mounting bracket for the vehicle
- ✓ Instruction booklet



MODEL STANDARD

MDII80 Length mm 2430



- ✓ AISI 304 mm2 thick stainless steel aileron
- ✓ Powder coated steel structure
- ✓ **KIT** - Regulation controller and wiring cables ★
- ✓ Rapid link
- ✓ Shockproof return springs
- ✓ Depth lights
- ✓ Adjustable parking feet
- ✓ Polyethylene deflector
- ✓ 2 adjustable slides
- ✓ Mounting bracket for the vehicle
- ✓ Instruction booklet

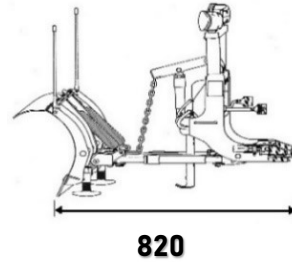


TECHNICAL SPECIFICATIONS & DESCRIPTION

► Stainless steel aileron, 2.5 mm thick



► Maximum overall dimensions 820 mm



WORKING WIDTH mm

1750

Aileron measurements mm

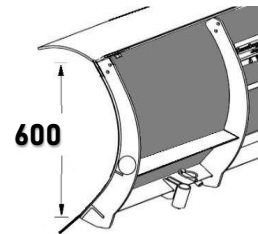
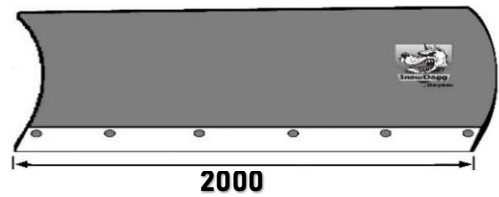
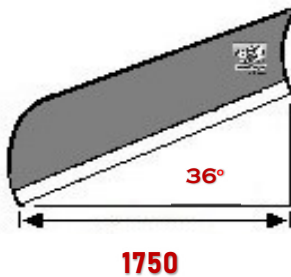
Larg.2000 - Height 600

Weight kg

180

Knife thickness mm

10



WORKING WIDTH mm

1980

Aileron measurements mm

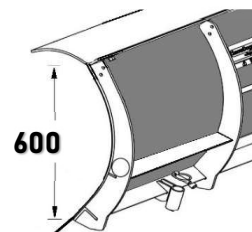
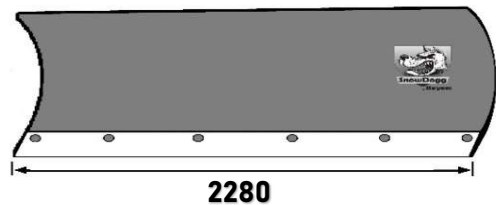
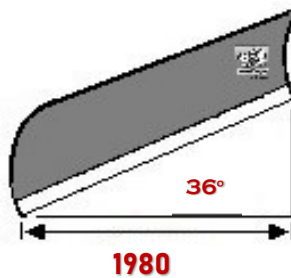
Larg.2280 - Height 600

Weight kg

190

Knife thickness mm

10



WORKING WIDTH mm

2110

Aileron measurements mm

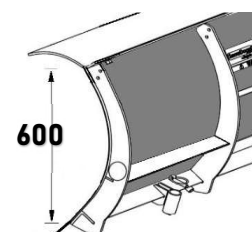
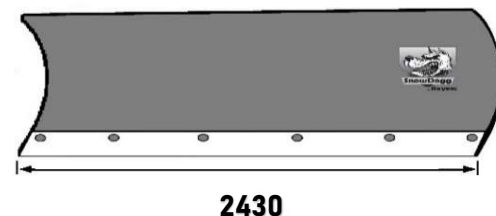
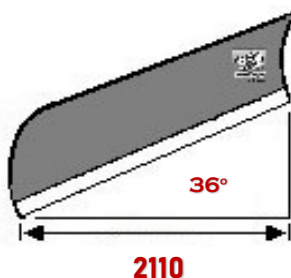
Width 2430 - Height 600

Weight kg

200

Knife thickness mm

10



Electric drive

► Hydraulic pump



► Vehicle battery



12V - 24V

The hydraulic pump of the blade is powered by the battery of the vehicle on which it is mounted. No additional battery is needed, the vehicle's alternator is easily able to support the consumption of the electro-hydraulic pump. All necessary wiring is supplied.

Plow

Aileron

► Anti-corrosion 304 stainless steel



The 2.5 mm thick moldboard is one piece of 304 stainless steel. Corrosion resistant. The blade's aggressive 70° attack angle clears snow and ice with excellent scraping, rolling and side-throwing action.

10 mm thick knife

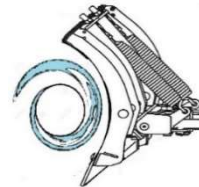


Structure

The frame supported by 6 steel ribs (laser cut) connected with a full length 1-3/8 inch cross tube offers maximum strength and stability across the entire blade. The structure that supports the moldboard is made of powder coated steel RAL 9011.



Rolling and lateral throwing



► Painted steel structure



Adjustable slides

Orientation hydraulic cylinders

Orientation hydraulic cylinders

Right and left rotation - The 1-1/2 inch hydraulic cylinder drive is quick and precise thanks to the 70° attack angle.



Sturdy 3/8 inch rubber hoses



Depth lights

2 double-beam halogen headlights, with integrated indicator lights.



Lights with arrows



Controller & Wiring Kit

Intuitive in-cab controls are easy to use even with gloves. The controller allows you to access all functions of the blade with just one hand.

Controller functions



- A** - Hooking/unhooking safety LED
- B** - SX shift
- C** - On / Off
- D** - Up / Down
- E** - Right shift
- F** - Controller fixing bracket



Controller connection wiring

N° 3 harnesses - Made with Ø 10 gauge automotive cable with fireproof and watertight sheath.

1 Alimentation cable



1 Pump connection



Watertight plugs



1 Luci/frecce



Safety

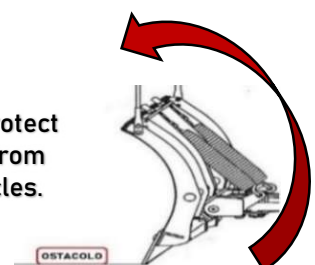
► SHOCKPROOF

2 Steel springs, designed to cushion frontal impacts due to collisions with rigid elements such as trapdoors, sidewalks etc. The springs, after the blade has hit an obstacle, automatically return the blade to the vertical position. The overpressure valves act on the hydraulic orientation cylinders to cushion lateral impacts.



Steel springs

Return springs, protect your equipment from curbs and obstacles.



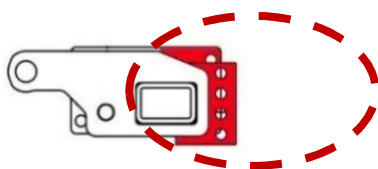
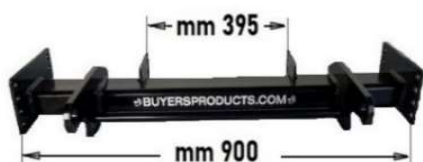
MAINTENANCE - ASSEMBLY - ANCHORS - OPTIONAL



ASSEMBLY ON THE VEHICLE

Universal bracket to adapt to your vehicle

Bar to be anchored to the vehicle



MAINTENANCE

► ① Clean the aileron with water

Whenever possible clean the aileron with water, even better with a pressure washer. At the end of the season, simply wash the aileron with water, check the oil level in the pump.



► ② Electrical contact lubricant

Grease the contacts of the electrical wiring with appropriate grease to avoid oxidation, resulting in malfunctioning of the salt spreader. Store the control unit in a dry place.

IMPORTANT



Antioxidant lubricant

► ③ Oil level check



Oil level check

RAPIDLINK® Patent buyers

Electric quick coupling-release system, between the spoiler and the vehicle via a pedal-operated locking pin. The system called RAPIDLINK® is patented and registered BUYERS

1 Enter editing mode

Press and hold the WN Button for one second to activate

Blue floating mode

Press and hold the down button again for one second

Activate mounting - Flashing red light mode



WN



2 Check alignment

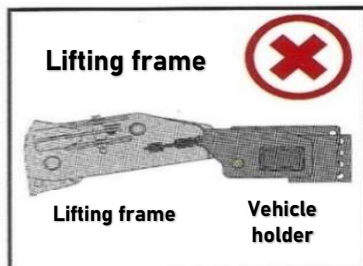


JACK SWITCH



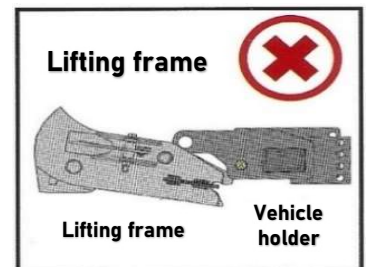
TOO HIGH

Push the **JACK SWITCH** to the mounting (down) position to lower the rear of the lift

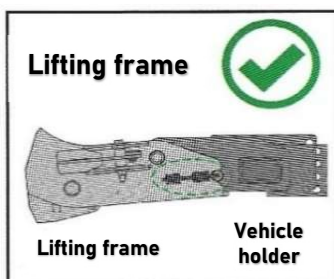


TOO SHORT

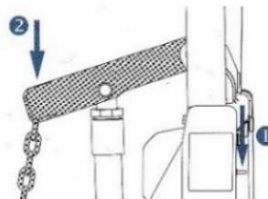
BACK UP the 6/12 carriage to allow alignment of the blade receiver. Push the **JACK SWITCH** to the removable position (up9) to lift the rear part of the frame with the hydraulic piston



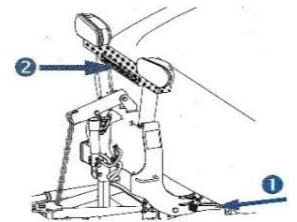
ALIGNED



Press the **JACK SWITCH** down, then push the chain piston down ↓



Make sure it is aligned with the bracket



3 Closure

Insert the **SNAPPER** pin then lift the parking foot

