

SNOW PLOWS

CMII

Large Pick Up - Trucks - 1/2 Ton Truck



Moldboard - Anti-corrosion stainless steel

Shockproof safety system with springs & side flags

Attachment System - Electric quick release, between the spoiler and the vehicle via a locking pin with pedal

The system called RAPID LINK® is patented and registered BUYERS

Driven by the
vehicle's battery

12V

24V



EASY

Assembly
disassembly



Maintenance

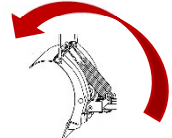


Lights with
LED arrows



STAINLESS STEEL
304
CONSTRUCTION

Spring shockproof
safety system



SnowDogg® CMII series blades, electro-hydraulically operated with single arm, suitable for urban and extra-urban use, to be mounted on most large 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 deflector, controller in right/left cabin up/down on/off lights. Double beam halogen lights. The CMII series can be assembled and disassembled very quickly, with the RAPIDLINK® double-pedal rapid support. Aileron reinforced with welded steel rods, the roller is made of stainless steel, hydraulic cylinders allow precise positioning movement both for vertical movement and for lateral movements with maximum precision, up to a maximum inclination of 36°



 CMII90

Length mm 2740

 CMII100

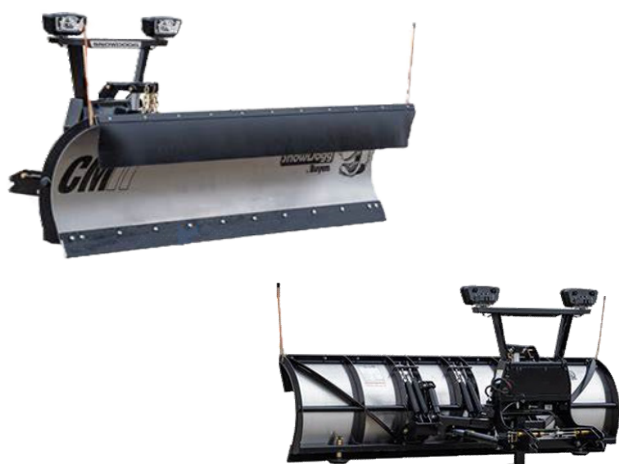
Length mm 3050

 CMII110

Length mm 3350

MODEL STANDARD

 **CMII90** Length mm 2740



- ✓ 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



MODELLO STANDARD

 **CMII100** Length mm 3050



- ✓ 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



✓ MODELLO STANDARD

 **CMII110** Length mm 3350



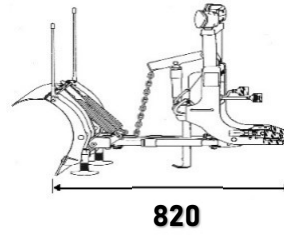
- ✓ AISI 304 mm2 thick stainless steel aileron
- ✓ Powder coated steel structure
- ✓ **KIT** - Regulation controller and wiring cables ★
- ✓ Rapid link
- ✓ Shockproof return springs
- ✓ Depth lights
- ✓ Adjustable parking feet
- ✓ Polyethylene deflector
- ✓ 2 adjustable slides
- ✓ Mounting bracket for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



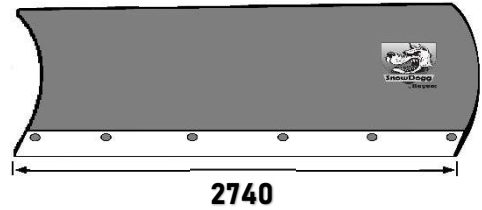
TECHNICAL SPECIFICATIONS & DESCRIPTION

► Stainless steel aileron, 2.5 mm thick

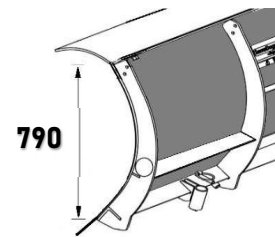
► Maximum overall dimensions 820 mm



820



2740



790

CMII90

WORKING WIDTH mm

2340

Aileron measurements mm

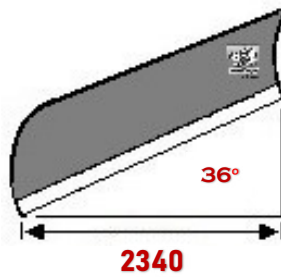
Width 2740 - Height 790

Weight kg

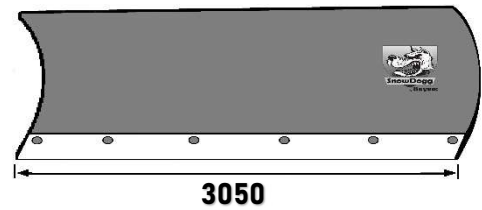
473

Knife thickness mm

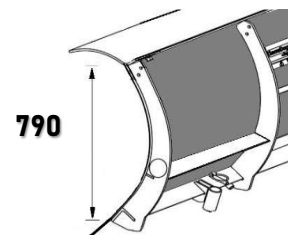
16



2340



3050



790

CMII100

WORKING WIDTH mm

2640

Aileron measurements mm

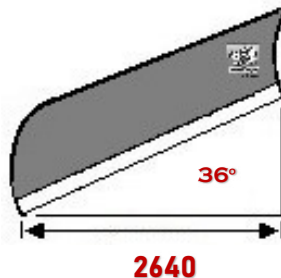
Width 3050 - Height 790

Weight kg

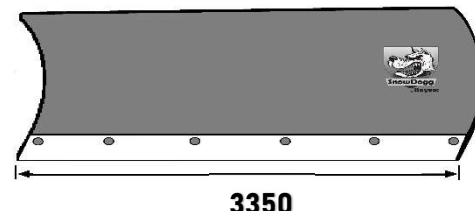
492

Knife thickness mm

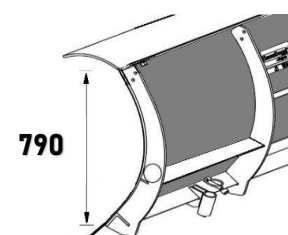
16



2640



3350



790

CMII110

WORKING WIDTH mm

2940

Aileron measurements mm

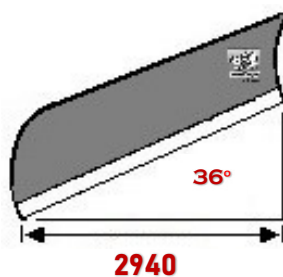
Width 3350 - Height 790

Weight kg

510

Knife thickness mm

16



2940

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



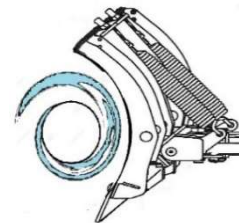
The 2.5 mm thick moldboard is one piece of corrosion-resistant 304 stainless steel. The blade's aggressive 70° attack angle clears snow and ice with excellent scraping, rolling and side-throwing action.



16 mm thick knife



Rolling and lateral throwing



Structure

The steel frame is subjected to a complete RAL 9011 powder coating cycle with a double layer of two-component epoxy anti-rust primer and a double coat of polyurethane enamel. Supported by 8 steel ribs (laser cut) connected with a full length 1-3/8 inch cross tube, it offers maximum strength and stability across the entire blade.



Adjustable slides

Painted steel structure



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 Lights/arrows



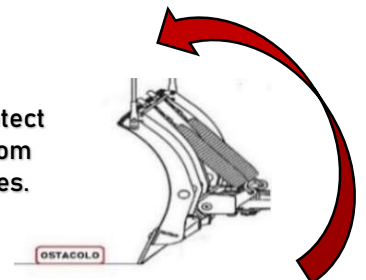
Safety

4 Steel springs, designed to cushion frontal impacts due to collisions with rigid elements such as hatches, pavements, 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.



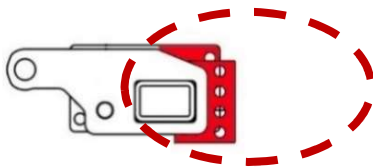
MAINTENANCE - ASSEMBLY - ANCHORS - OPTIONAL



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, with consequent malfunction 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

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

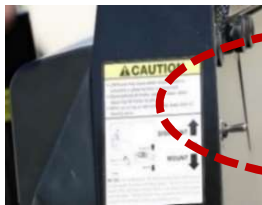
Activate mounting -
Flashing red light mode



WN



2 Check alignment



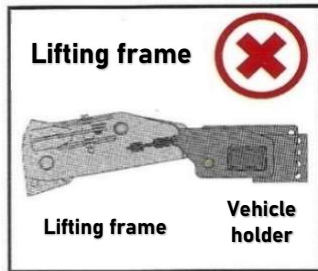
JACK SWITCH



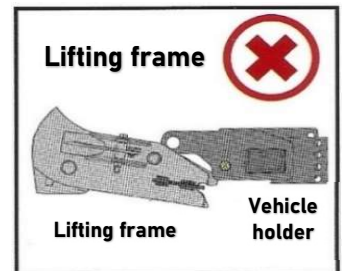
TOO HIGH

TOO SHORT

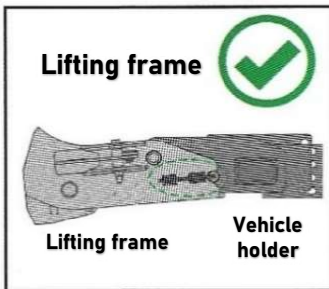
Push the **JACK SWITCH** to the mounting (down) position to lower the rear of the lift



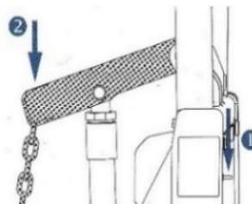
BACK UP the 6/12 carriage to allow alignment of the blade receiver. Push the **JACK SWITCH** to the removable position (up) to lift the rear part of the frame with the hydraulic piston



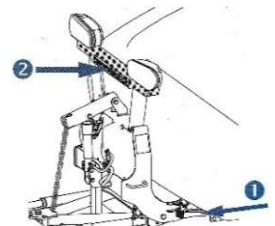
ALIGNED



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

