Control units

JUNIOR 1.0

The basic features of JUNIOR 1.0 control unit are:

- no connection to vehicle's tachograph;
- adjustment of spreading quantity and width by 2 potentiometers;
- beacon ON/OFF switch and work light ON/OFF switch on control panel

JUNIOR PO2

The basic features of JUNIOR PO2 control unit are:

- speed dependant spreading, connection between spreader and vehicle tachograph;
- ability to choose between 2 types of spreading material; salt and sand (stone split)
- adjustment of spreading quantity and width by two potentiometers;
- speed simulation switch - simulates speed 10-50 km/h n steps of 10 km/h (test speed);
- spreader emptying switch;
- beacon ON/OFF switch and work light ON/OFF switch;
- "MAX" switch - while pressed, provides 4 times more spreading quantity

EPOS 5

Basic features of EPOS 5 Control Unit:

- speed-dependent control system;
- pre-programmed to operate with 4 different "dry" and one "wet" spreading agents;
- spreading width ranging from 2 ÷ 9 m (3 ÷12 m) in 0.5 m steps for left and right asymmetry;
- changeable pre-wetting material percentage - 10% to 40%;
- auto-calibration capability;
- spreading parameters adjustment by closed regulation circuits;
- option of no-feedback operation for wet spreading (feedback off);
- internal data storage memory for recording and quick view of reports (daily, seasonal);
- RS232 port to connect GPS-GPRS automatic monitoring module and send data regarding the spreader, vehicle and plough;
- CAN-BUS open communication system according to protocol TC 337 / WG3 EN 15430-1

spreader **JUNIOR**

spreader for emergency spreading

Additional equipment

Own hydraulic unit

If the vehicle the device is to be attached to is not equipped with a hydraulic system, the spreader can be equipped with its own hydraulic unit together with a separate engine.

RASCO

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- www.rasco.hr

Dealer

ISO 9001

Cro Cert

RASCO

spreader for emergency spreading

Application

JUNIOR salt spreader is designed for emergency spreading on partially frozen roads (ravines, overpasses, bridges, etc.) in the transitory period of the winter maintenance service, as well as on narrow and short city roads where larger spreading devices cannot enter.

Technical description

The standard spreader version features the drive via the vehicle hydraulics. If the vehicle does not feature a proper hydraulic system, the spreader can be equipped with a hydraulic unit powered by petrol engine.

The spreading parameters are managed by a control unit located in the vehicle cabin. Optionally, the spreader can be equipped with the following control units:

- JUNIOR 1.0;
- JUNIOR PO2;
- EPOS 5.

Standard equipment:

- spreader housing;
- protective cover above the auger;
- protective grid above the container (mesh 40x40 mm);
- front wheels;
- mechanism for manual changing of the spreading pattern;
- adjustable storage legs;
- JUNIOR 1.0 control unit

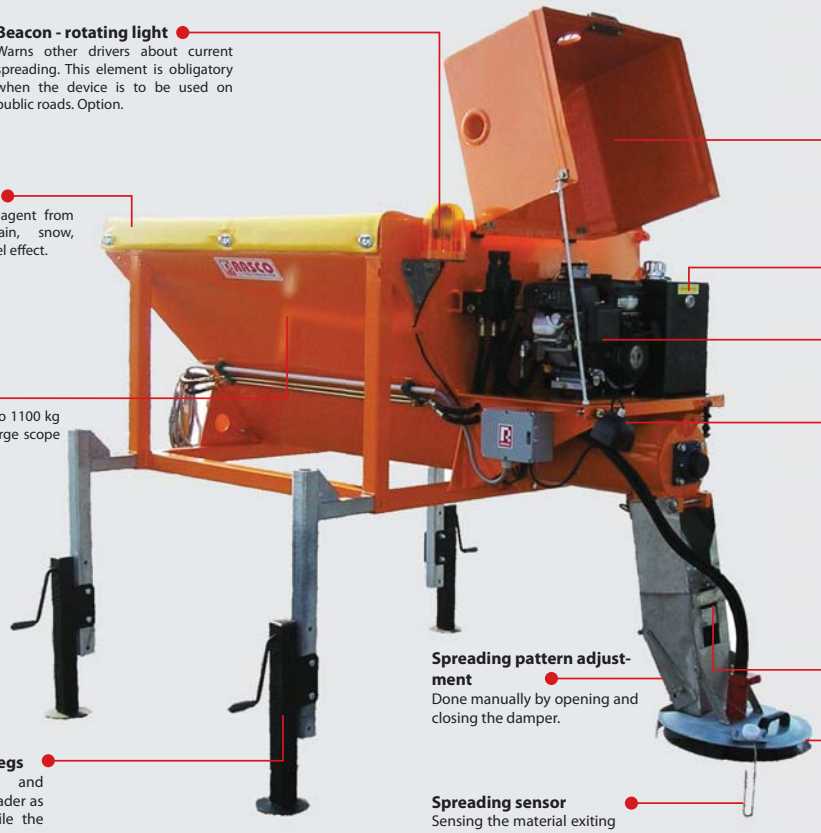
Additional equipment:

- hydraulic unit powered by HONDA engine with 6,5 HP;
- chains and tensioners for spreader fastening on vehicle;
- cover tarpaulin;
- spreading control contact sensor - microphone;
- operating light;
- rotating light - beacon;
- JUNIOR PO2 control unit
- EPOS 5 control unit

Beacon - rotating light
Warns other drivers about current spreading. This element is obligatory when the device is to be used on public roads. Option.

Cover tarpaulin
Protects solid spreading agent from weather conditions (rain, snow, humidity) to prevent tunnel effect.

Hopper
The hopper can hold up to 1100 kg of salt which enables a large scope of spreading.



Spreading pattern adjustment
Done manually by opening and closing the damper.

Detachable storage legs
Used for mounting and dismounting of the spreader as well as for storage while the device is not used.

Spreading sensor
Sensing the material exiting the spinner. Gives the signal to the control unit if spreading is stopped.

Engine cover
Protects the engine and the hydraulic installation against weather conditions.

Oil tank

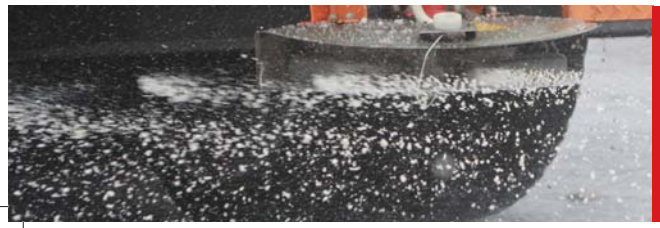
Petrol engine
Provides autonomous drive for the spreader.

Operating light
For visual control of spreading. Option.

Exit chute
Conveys the spreading agent to the spinner.

Spinner
Spreads the spreading agent.

type	weight [kg]	spreading width [mm]	spreading quantity [gr/m^2]	hopper volume [m^3]
JUNIOR 1.0	460	0 ÷ 8	0 ÷ 50	1.0
JUNIOR 1.2	510	0 ÷ 8	0 ÷ 50	1.2



spreader **JUNIOR**