



Via Don Minzoni, 6 - 12011 Borgo San Dalmazzo (CN) - Italy  
Tel. 0171 26 63 68 - Fax 0171 26 86 20  
www.garnero.com - info@garnero.com

## MOUNTED SPREADER

MODEL SPCR 65 – 85 – 95

### GENERAL INFORMATION

**GARNERO** professional **SPCR** salt spreaders, offers a wide range of equipments designed for both average and large road surfaces, able to operate with either abrasive materials (sand) or fluxes (salt) under all weather conditions.

Since 1920 is present in the winter road maintenance sector, embodies his experience identifying the best materials as well as the supreme quality electronic components, the electro-hydraulic and oleo dynamic mechanisms so as to offer a robust, versatile and reliable machine.

Innovative technical solutions reduce maintenance to the minimum and to guarantee the operator a totally secure, user-friendly machine.



### VERSATILITY

The **SPCR GARNERO** salt spreader's designed with the innovative modular system, make it possible to satisfy every requirements, performance and reliability ,letting the combination of the equipment to any kind of vehicle.  
Several configurations are possible, choosing different materials, supply systems and range.

#### ACTUATION

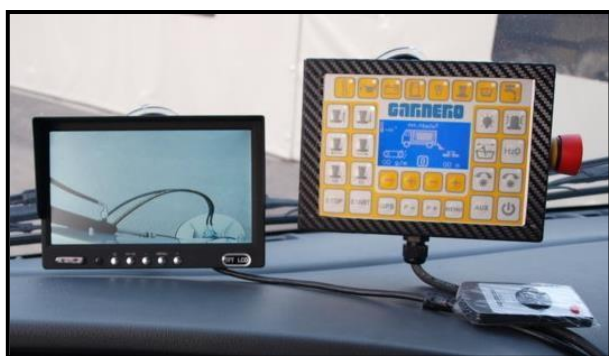
- Auxiliary Diesel Motor
- Oleo dynamic system
- Mechanical rear power take-off

#### MATERIAL

- Entirely of AISI 304 stainless steel except for the FE steel chassis frame.
- AISI 304 stainless fell feed module and spreading turret, loading hopper and chassis frame in FE steel.
- Entirely FE steel except for spreading turret of AISI 304 stainless steel.

#### FEED SYSTEM

- High-strength metal steel chain anti-usury.



**LCD monitor** for video camera controlling work area. Next generation **digital soft-key keyboard** with screen to display work functions and programmes using a CAN-BUS system.



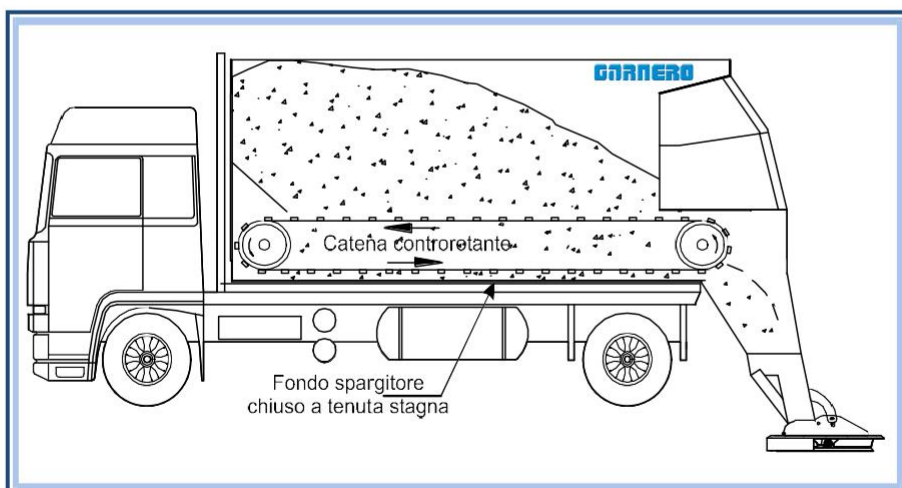


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ABSOLUTE PATENTED  
INNOVATIONS



### MODELLO REVERS

Absolute patented innovation, unique in the sector of winter road surface maintenance throughout the world is the **REVERS** model.

The mounted salt spreader SPCR **REVERS GARNERO** is equipped with a metal chain with track sleepers that turn in opposite direction compared to traditional machines, so that it operates in the same direction as the vehicle.

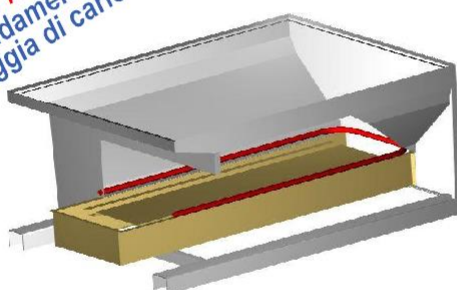
The spreading agent contained in the load hopper passes through the upper part of the chain and reaches the bottom of the machine where flows the returning branch who bring forward the material towards the back of machine, where it is the device for wetting. We can achieve a completely closed machine on the lower part, total safety for the operators and ensures no possible material spillage, cannot be considered negligible for the abrasive-corrosive characteristics of spreading material (mixtures of salt and sable).

The upper part of the chain moving through the spreading agent improve the fluidity stirring constantly and crush any lumps or compaction.

Another innovative advantage about **REVERS MODEL** is that the upper part also pushed the material towards the front of the equipment, preserving even weight distribution over the length, thereby avoiding buildup at the rear typical of traditional equipment's.

Not insignificant is the great load capacity, obtained according to size and overall dimensions of the vehicle as well the centre of gravity position which appears to be the lowest of all mounted spreaders actually on the market thereby facilitating greater maneuverability and safety of the vehicle.

**NOVITÀ**  
riscaldamento  
tramoggia di carico



### HEATING OF MATERIAL

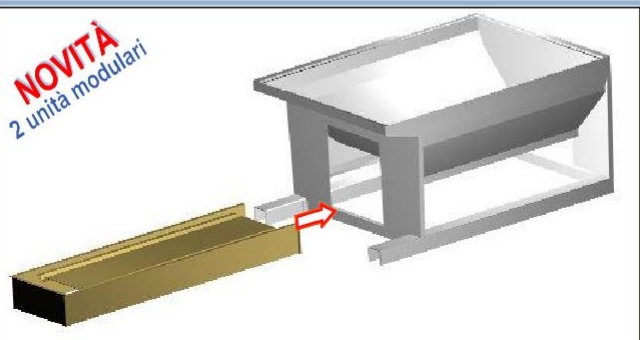
**Absolute patented innovations present** in the **SPCR GARNERO spreader's** is the circulation of hydraulic oil through a conduit in direct contact with the spreading agent.

This cools the hydraulic oil and at the same time heats the spreading agent to keep it running smoothly over the sides and to reduce the formation of solid "wedges" of material.

### MODULAR UNIT

The modular conception of **SPCR GARNERO spreader's** make it possible to release the power module from the loading hopper, thereby facilitating easier access for maintenance. Over time it will also be possible replace only the most worn-out feed module extending so much better the useful life of equipment.

**NOVITÀ**  
2 unità modulari





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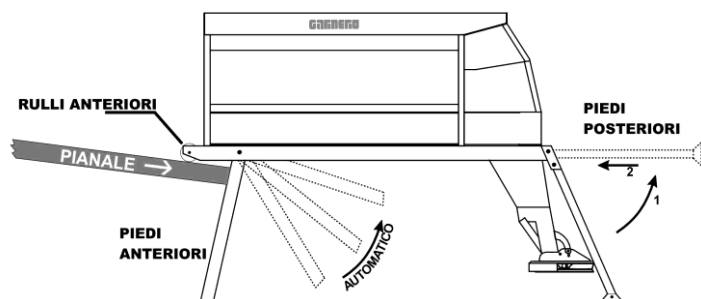
## MOUNTED SPREADER

# MODEL SPCR 65 – 85 - 95

### TECHNICAL SPECIFICATIONS

- ctr1** Connection by clutch on the plant.
- ctr3** Stainless steel and high-strength conveyor feed.
- ctr4** Traction via hydraulic motor coupled to epicyclic reducer electronically checked.
- ctr5** Proportional electro-hydraulic adjustment of width and spreading quantity.
- ctr6** Next generation digital soft-key with screen to display work functions and programmes using a CAN-BUS system.
- ctr7** Modular system tightness **REVERS.**
- ctr8** Mechanical governing of the height above the ground and inclination of rotating spreader disc to the different types of vehicles and working conditions.
- ctr9** Two-way crusher.
- ctr10** Overturning spreading turret through hydraulic cylinder with control in the cabin for transfers and rapid emptying.
- ctr11** Manual control for variation of spreading asymmetry.
- ctr12** Turret-plate and pallets for spreading adjustable in stainless steel AISI 304.
- ctr13** Screening and protection grid galvanized.
- ctr14** Automatic uploading with rollers and feet on roll away into the frame (for vehicles equipped with tilting low-floor).
- ctr15** Independent wiring-auxiliary battery 12V. level of protection electrical circuit-electronic IP67.
- ctr16** Headlamp adjustable.
- ctr17** Couple of swivel Led headlights.
- ctr18** Boots (polyester resin reinforced with glass fibre) to protect the engine and all components of hydraulic and electric system.
- ctr19** Retro-reflective strips.
- ctr20** Straps and anchoring attack chains for uplift.

Scattamento automatico:  
schema di funzionamento



### OPTIONALS

- Opr1** Actuation by diesel engine with electrical starting. Liquid cooling.
- Opr2** Actuation by hydraulic pump coupled to the power take-off the vehicle.
- Opr3** Satellite control (GPS) spreading parameters.
- Opr4** Electric control for the variation of spreading asymmetry.
- Opr5** Oven painting with color on request.
- Opr6** Engine compartment lighting.
- Opr7** Sensor absence salt.
- Opr8** Video check working area.
- Opr9** Protection rear tarp.
- Opr10/65-85** PVC cover with rapid opening with stainless steel AISI 304 structure.
- Opr11/65-85-95** PVC cover CRAMARO model's.
- Opr12/65-85-95** Upside to increase the capacity h 220mm in stainless steel AISI 304.
- Opr13** Rear underrun protection device with installation unit and support for repeater plate in stainless steel AISI 304.
- Opr13 A** Rear underrun protection device adjustable chassis in stainless steel AISI 304
- Opr14** Guard for cabin in stainless steel AISI 304.
- **Opr15/65-85-** Complete version of AISI 304 stainless steel except for the chassis frame.
- Opr16** Version feed module and guide catenary in AISI 304 stainless steel.
- Opr17** Inspection ladder.
- Opr18** Heating hopper.
- Opr19** Adjustable parking foot.
- Opr20** Uploading with "MULTILIFT" system.
- Opr21** Rotating rear plate with arrow.
- Opr 22/65-85-95** Salt humidification system with tanks.
- Opr23** Automatic charger to keep more efficient the battery throughout the year.
- Opr24** Testing.
- Opr25** Transport

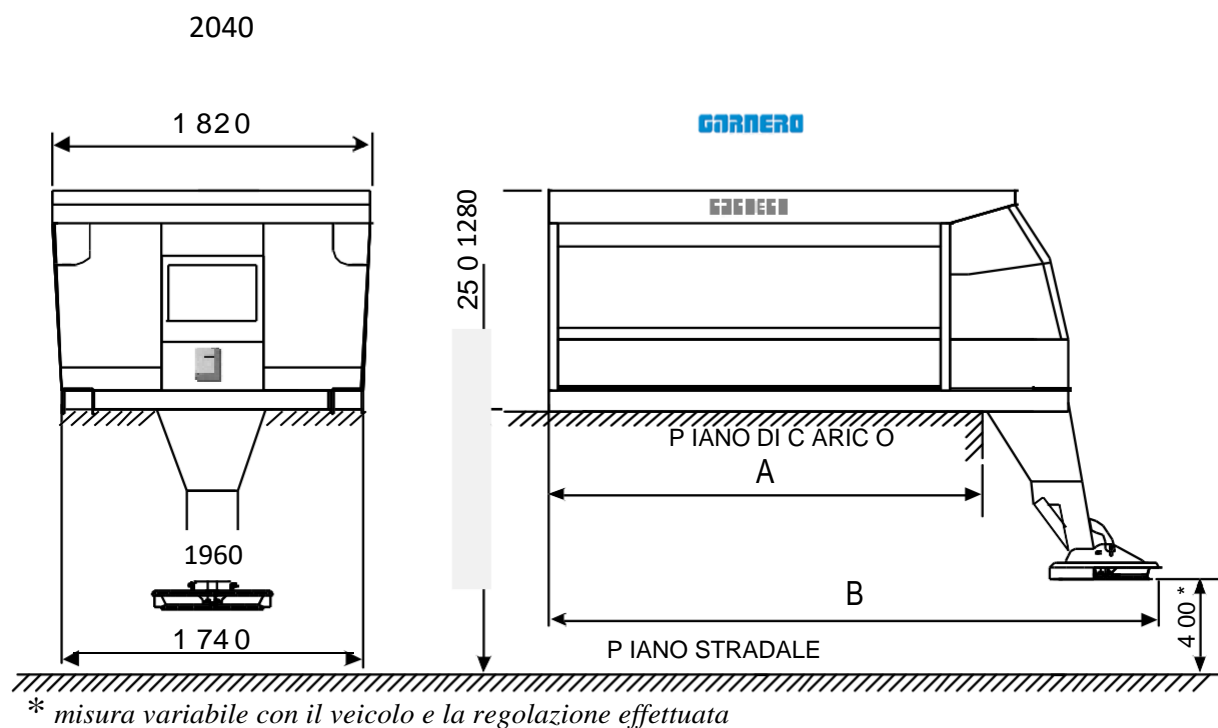


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### SIZE



### PERFORMANCE

		SPCR 65	SPCR 85	SPCR 95
Loading deck width (A)	mm	3740	4940	5540
Maximum length (B)	mm	4780	5980	6580
Hopper capacity to brim	m <sup>3</sup>	5.00	6.70	7.60
Hopper capacity when full	m <sup>3</sup>	6.50	8.70	9.80
Hopper capacity with full raised edge	m <sup>3</sup>	8.20	10.90	12.30
Spreading width	mm	2000 - 12000	2000 - 12000	2000 - 12000
Sprinklers salt capacity	g/m <sup>2</sup>	5 - 40	5 - 40	5 - 40
Sprinklers sand capacity	g/m <sup>2</sup>	30 - 300	30 - 300	30 - 300
Unladen weight basic model	kg	2000	2300	2400
Unladen weight model full optional	kg	2150	2450	2600