MACHINES FOR ROAD SALT DISTRIBUTION
EUROSPAND/CAVALLO, manufacturer of fertilizer spreaders and other agricultural machinery, is glad to introduce the technical evolution of their salt spreaders for road distribution.

THREE POINT HITCH MODELS
SL/CN - SANSONE - ERCOLE

GENERAL FEATURES

- CHASSIS AND ANTI-CORROSION TREATMENTS
  Due to the high specific weight of salt and the heavy stress borne by these machines during distribution, their chassis are designed and built to be extremely robust and solid, with useful load up to 1900 kg (depending on the models).
**TRANSMISSION GEARBOXES**

Specifically made for these purposes, our gearboxes of exclusive production are equipped of a special transmission that reduces the revolutions of the PTO shaft from 540rpm to 260rpm in order to limit their spreading width. The particularly large teeth gears made of alloy steel undergo a specific heat-treatment to get the maximum resistance even in case of heavy stresses caused by the resistance of thickened salt products when starting the engine or during the rotation of the PTO.

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**CHASSIS TREATMENTS**

The working life-span of a chassis depends on the adopted anti-corrosive protection treatments. In particular the chassis of the SL/CN - SANSONE - ERCOLE three-point-hitch models undergo a first hot galvanizing treatment, followed by a protective undercoat and a final RAL 2011 enamel coating, specific for road circulation.

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**MASSIVE USE OF STAINLESS STEEL**

For the optimal life-span of these models it is indispensable that all parts in direct contact with salty agents are made in stainless steel. For this reason we use this fine type of steel to produce the following parts:

- Spreading Disc and Vanes
- Hopper Bottom (Lower-Cone), Opening Shutters, Drag Spindle or Inside Agitator.
- Hopper, Extensions (options), Deflector To Limit Spreading, Inside Filtering Grid
- All the Measuring and Hydraulic Opening/Closing Control
- All Bolts and Nuts, Springs and Joints of the Hydraulic Control
SL/CN SALT SPREADER MODEL

**SUMMARY OF THE TECHNICAL FEATURES AND STANDARD EQUIPMENT:**

- Capacity 360 litres
- Hot galvanized treatment of the chassis and anti-tilt support foot, followed by two powder coating layers RAL 2011
- Stainless steel hopper, disc, vanes, gates, drag spindle and all bolts and nuts
- Manual opening/closing control
- 0/1ST category linkage
- 260rpm reduced gearbox with high resistance tempered gears
- Stainless steel filtering grid
- Stainless steel deflector to limit the spreading width
- Strengthened P.T.O shaft

**OPTIONAL ATTACHMENTS ON REQUEST**

- Stainless steel chain agitator
- Set of 2nd category lifting pins
**TECHNICAL DATA AND STANDARD OUTFIT**

- Basic capacity of 500 litres extendible to 1200 litres
- Hot galvanized treatment of the chassis followed by two powder coating layers RAL 2011
- Stainless steel hopper, disc, vanes, gates and hopper bottom. All components of the adjusting and measuring system, drag spindle and bolts & nuts are in stainless steel
- Hydraulic opening/closing control
- 1st and 2nd category linkage (Sansone model)
- 2nd and 3rd category linkage (Ercole model)
- 260rpm reduced gearbox with high resistance tempered gears
- Stainless steel filtering grid
- Stainless steel deflector to limit the spreading width
- Strengthened P.T.O shaft
- Protection cover
- Road lights
OPTIONAL ATTACHMENTS ON REQUEST

- Stainless steel chain agitator
- Stainless steel extensions to increase the loading capacity

### SANSONE

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>110 x 110 x 98 h</th>
<th>110 x 110 x 109 h</th>
<th>110 x 110 x 121 h</th>
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</thead>
<tbody>
<tr>
<td>HOPPER CAPACITY</td>
<td>500 l.</td>
<td>640 l.</td>
<td>780 l.</td>
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<tr>
<td>WEIGHT (KG)</td>
<td>162 kg.</td>
<td>172 kg.</td>
<td>182 kg.</td>
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### ERCOLE

<table>
<thead>
<tr>
<th>DIMENSIONI</th>
<th>135 x 152 x 109 h</th>
<th>135 x 152 x 120 h</th>
<th>135 x 152 x 131 h</th>
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</thead>
<tbody>
<tr>
<td>HOPPER CAPACITY</td>
<td>800 l.</td>
<td>1000 l.</td>
<td>1200 l.</td>
</tr>
<tr>
<td>WEIGHT (KG)</td>
<td>230 kg.</td>
<td>242.5 kg.</td>
<td>255 kg.</td>
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</table>
SCR-SPS TRAILED MODELS

GENERAL FEATURES

■ **CHASSIS AND THEIR ANTI-CORROSION TREATMENTS**
  Due to the high specific weight of salt and the heavy stress borne by these machines during distribution, their chassis are designed and built to be extremely robust and solid. The working life-span of chassis is nevertheless dependent on the anti-corrosive protection treatments they undergo. As a matter of fact each metal part of these models undergoes a first sandblasting treatment followed by a powder protective undercoat and a final RAL 2000 enamel coating.

■ **MASSIVE USE OF STAINLESS STEEL**
  For the optimal life-span of these models it is indispensable that all parts in direct contact with salty agents are made in stainless steel. For this reason we use this fine type of steel to produce the following parts:
  ● Spreading Disc and Vanes
  ● Hopper Bottom (Lower-Cone), Opening Shutters and Drag Spindle or Inside Agitator when provided.
  ● All Bolts and Nuts, Springs and Other Relevant Particulars

■ **TRANSMISSION GEARBOXES**
  Specifically made for these purposes, our gearboxes of exclusive production are equipped of special transmission gears that multiply the revolutions of the spreading disc in comparison with the rotation of the machine’s wheels. The alloy steel gears undergo a specific heat-treatment to get the maximum resistance even in case of heavy stresses caused by the resistance of the thickened salt product when starting the engine or during work.
SPS 560/1000 MODELS

SUMMARY OF THE TECHNICAL FEATURES AND STANDARD EQUIPMENT:
- Basic capacity of 560 or 800 litres
- Sand blasted chassis and hopper with double powder coated layer in RAL 2000
- Spreading disc, vanes, shutters, hopper bottom (lower-cone), drag spindle, bolts and nuts all in stainless steel
- Manual opening/closing control
- Pivoting toe-eye hook
- Possibility of disengagement of the spreading disc rotation
- Gearbox with high resistance tempered gears
- 165/70-13” standard wheels for the version 560 and 205/70-15” for the version 1000
- Road lights
- Deflector to limit the spreading width

OPTIONAL ATTACHMENTS ON REQUEST
- Filtering grid
- Tall agitator powder coated or in stainless steel
SCR AND SCR INOX MODELS

These models are characterized by the absence of any internal drag spindle or agitator; the salty products are conveyed towards the spreading disc by means of a vibrating hopper bottom in stainless steel. Such models are suggested in case of exclusive use of granular salt with very low humidity and absence of lumps.

SUMMARY OF THE TECHNICAL FEATURES AND STANDARD EQUIPMENT:
- Capacity 360 litres
- Sand blasted chassis with double powder coated layer in RAL 2000
- Hopper, disc and vanes in stainless steel or powder coated depending on the model ordered
- Shutters, hopper bottom (lower-cone), bolts and nuts all in stainless steel
- Manual telescopic opening/closing control
- Toe-eye or spherical hook on choice
- Possibility of disengagement of the spreading disc rotation
- Gearbox with high resistance tempered gears
- Filtering grid
- 4.50 x 10” 6 PR standard wheels
Tow-eye hook
Spherical hook

Manual telescopic opening/closing control

Engagement/disengagement lever of the spreading disc

- **OPTIONAL ATTACHMENTS ON REQUEST**
  - 20.10.00 x 8” 4PR wheels
  - Road lights
  - Deflector to limit the spreading width in stainless steel or powder coated
  - Upper and larger grid