

# POLY SPREADER

## TGS

Utility vehicles - pick ups - wheel loaders - tractors



**Anti-corrosion Polyethylene hopper**

**Double wall®**

**Structure - Anti-corrosion steel, powder coated**

**The entire TGS range can be mounted, with the bracket (optional) on the tractor lift**



**Driven by the vehicle's battery**



**12V**

**EASY**

**Assembly  
disassembly**

**Maintenance**



**Low  
acoustic  
impact**



**Fertilizer  
spreader, sand,  
peat, flax**



**Salt, salt and  
sand mixture**



The SaltDogg® spreaders of the TGS series are completely independent and ultra-durable, the main structure is in anti-corrosion polyethylene. The robust design allows the use of salt or salt/sand mix. They are easily mounted on: commercial vehicles, small vehicles, pick-ups, wheel loaders, skid loaders, tractors, with preparation for a tow hook, three-point hitch. With the brackets (optional) it is adaptable to other vehicles. The frame is made of 50mm square tubular painted steel.

#### GRAVITY / VERTICAL AUGER



 **TGSUV1B**  
Capacity lt 125



 **TGSUVPROA**  
Capacity lt 125



 **TGS06**  
Capacity lt 285

#### HORIZONTAL AUGER FEED



 **TGS02**  
Capacity lt 115



 **TGS03**  
Capacity lt 225



 **TGS07**  
Capacity lt 320

✓ MODELLO STANDARD

▲ TGSUV1B Capacity It 125



- ✓ Anti-corrosion polyethylene hopper
- ✓ Electric on/off control (car cigarette lighter plug) ★
- ✓ Vertical screw
- ✓ Polyethylene lid with closing hooks
- ✓ Manual shutter
- ✓ High D polyethylene disc.
- ✓ Instruction booklet



✓ MODELLO STANDARD

▲ TGSUVPROA Capacity It 125



- ✓ Anti-corrosion polyethylene hopper
- ✓ **KIT** - Controller di regolazione velocità e cavi cablaggio★
- ✓ Vibratore **Optional**
- ✓ Vertical screw
- ✓ Polyethylene lid with closing hooks
- ✓ Manual shutter
- ✓ High D polyethylene disc..
- ✓ Instruction booklet



✓ MODELLO STANDARD

▲ TGS06 Capacity It 285



- ✓ Anti-corrosion polyethylene hopper = **Double wall®**
- ✓ **KIT** - Speed regulation controller and wiring cables ★
- ✓ Vibrator **As standard**
- ✓ Falling with regulation damper
- ✓ Polyethylene lid with closing hooks
- ✓ High D polyethylene disc.
- ✓ Instruction booklet



## CARATTERISTICHE TECNICHE



### Capacity lt 125

#### Measurements mm

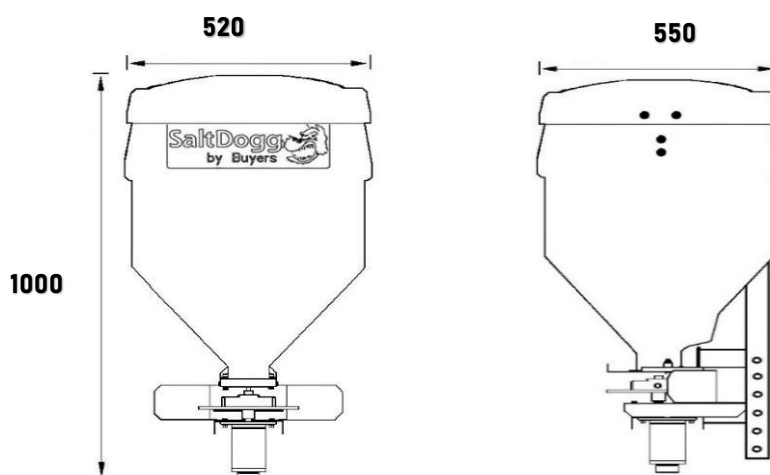
Alt 1000 - Larg 550 - Prof 520

#### Weight kg

Empty 33 - Full ± 180

#### Spreading range mt

4



### Capacity lt 125

#### Measurements mm

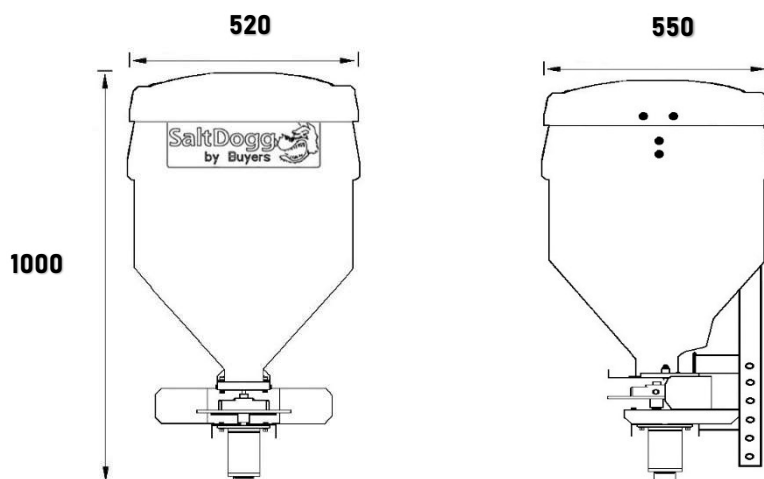
Alt 1000 - Larg 550 - Prof 520

#### Weight kg

Empty 33 - Full ± 180

#### Spreading range mt

4



### Capacity lt 285

#### Measurements mm

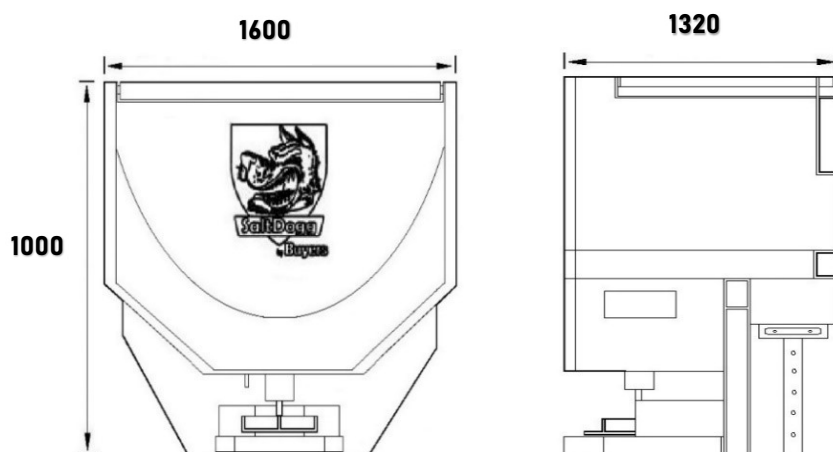
Alt 1000 - Larg 1600 - Prof 1320

#### Weight kg

Empty 70 - Full ± 410

#### Spreading range mt

1 / 9





## HORIZONTAL AUGER FEED

### ✓ MODELLO STANDARD

#### ▲ TGS02 Capacity lt 115



- ✓ Anti-corrosion polyethylene hopper = **Double wall®**
- ✓ **KIT** - Speed regulation controller and wiring cables ★
- ✓ Vibrator **Optional**
- ✓ Horizontal screw
- ✓ Polyethylene lid with closing hooks
- ✓ High D polyethylene disc.
- ✓ Instruction booklet



### ✓ MODELLO STANDARD

#### ▲ TGS03 Capacity lt 225



- ✓ Anti-corrosion polyethylene hopper = **Double wall®**
- ✓ **KIT** - Speed regulation controller and wiring cables ★
- ✓ Vibrator **Optional**
- ✓ Horizontal screw
- ✓ Polyethylene lid with closing hooks
- ✓ High D polyethylene disc.
- ✓ Instruction booklet



### ✓ MODELLO STANDARD

#### ▲ TGS07 Capacity lt 320



- ✓ Anti-corrosion polyethylene hopper = **Double wall®**
- ✓ **KIT** Speed regulation controller and wiring cables ★
- ✓ Vibrator **As standard**
- ✓ Horizontal screw
- ✓ Polyethylene lid with closing hooks
- ✓ High D polyethylene disc.
- ✓ Instruction booklet



## TECHNICAL FEATURES



### Capacity lt 115

Measures mm

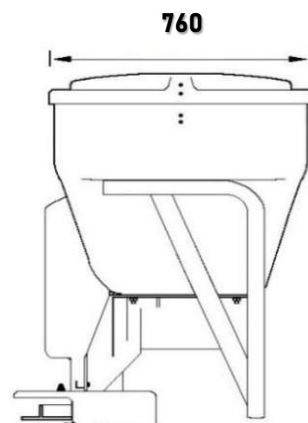
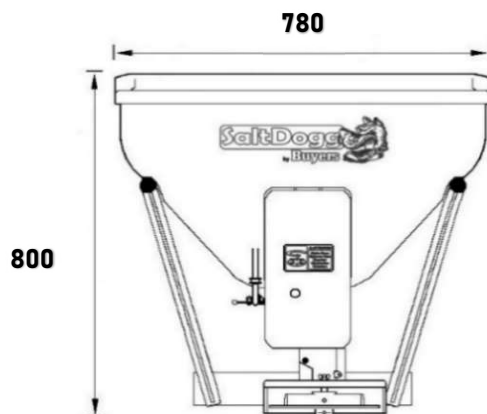
Alt 800 - Larg 780 - Prof 760

Weight kg

Empty 50 - Full ± 200

Spreading range mt

1 / 9



### Capacity lt 225

Measures mm

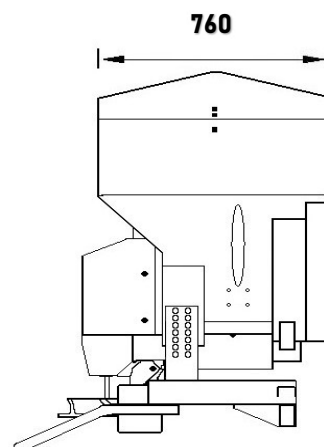
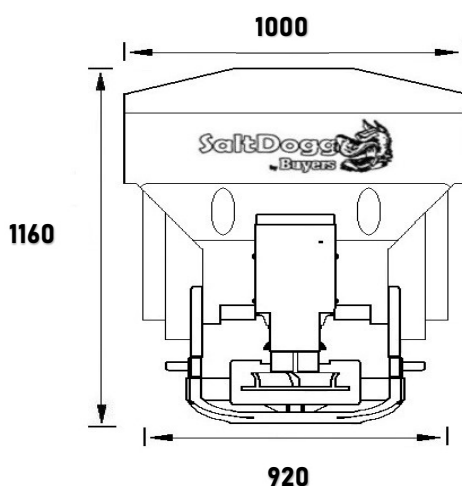
Alt 1160 - Larg 1000 - Prof 760

Weight kg

Empty 80 - Full ± 350

Spreading range mt

1 / 9



### Capacity lt 320

Measures mm

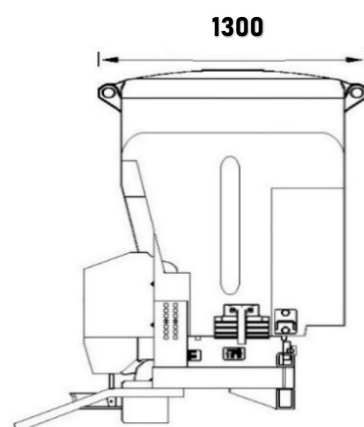
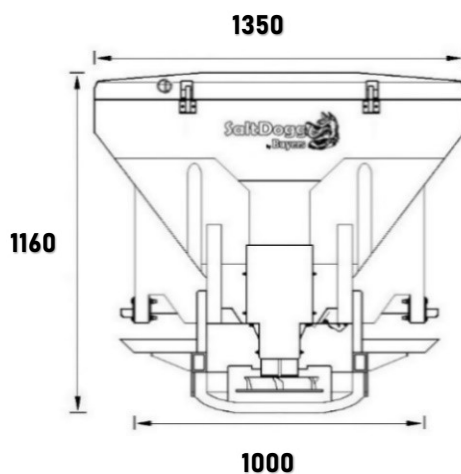
Alt 1160 - Larg 1350 - Prof 1300

Weight kg

Empty 86 - Full ± 450

Spreading range mt

1 / 9



## DESCRIPTION

### Electric drive

The salt spreader 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 high-efficiency engine. Compared to traditional systems, this system has no fuel consumption (ecological and economical), has low maintenance, the 12 volt engines are powered directly by the battery.

#### ▶ Vehicle battery



**12V**

### Hopper & Structure

#### Hopper



#### ▶ Anti-corrosion polyethylene

The hopper is double-walled, anti-corrosion high-density polyethylene (HDPE) obtained by rotational molding with smooth angled walls to maximize the flow of the material.



**As standard**

TGS02 - TGS03 - TGS06 - TGS07

#### ▶ Hopper bottom Stainless steel



**As standard** TGS03 - TGS07

#### Structure

The steel frame is powder coated for optimal corrosion protection.



### Electric motors & protections

The ultra-quiet, high-performance 12-volt motor powers the auger and disc and is enclosed in a durable polymer housing. The controller to be installed in the cabin regulates the speed and activates the vibrator. The wiring is constructed from 10mm gauge automotive cable with a fireproof sheath.

#### GRAVITY / VERTICAL



#### HORIZONTAL



#### Vibrator 80 Lbs



#### Polymer for engine protection



### Salt coverage

#### Polyethylene lid with locking hook



TGSUV1B - TGSUVPROA



TGS03



TGS07



TGS06

## Controller & Wiring Kit

The control unit, mounted in the cab, regulates the speed of the auger and the spreading disc from 1/9. Vibrator on/off switch also included. The electronics of the control unit also manages the diagnostics, signaling any problems with letters on the display and suggesting possible solutions.



Funzioni controller



**F**

### Controller connection wiring

N° 2 harnesses - Made with Ø 10 gauge automotive cable with fireproof and watertight sheath.

- A** - On / Off
- B** - Display
- C** - Potentiometer
- D** - Blast
- E** - Vibratore
- F** - Controller fixing bracket

The motor drives the auger and disc simultaneously.

### 1 Drums



### 1 Engines



▶ On/off cigarette lighter socket connection



Only for TGSUV1B

## Auger & spreading system

### Cochlea

Stainless steel screw, the worm screw system, guarantees a constant flow of salt.

### HORIZONTAL



### GRAVITY / VERTICAL



### Spreading system

#### GRAVITY / VERTICAL



#### HORIZONTAL



▶ Polyethylene disc

Spreading range from 1 / 9 mt



TGSUV1B - TGSUVPROA - TG06



TGS02



TGS03 - TGS07



## MAINTENANCE - ASSEMBLY - ANCHORS - OPTIONAL



### MAINTENANCE

#### ► ① Cleaning the hopper and turret with water

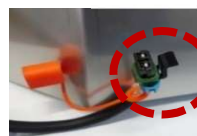
Whenever possible clean the hopper and turret with water, even better with a pressure washer. At the end of the season, simply wash the hopper with water.



#### ► 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



### MOUNTING ON THE TRACTOR

### Third point attachment for all tractors

#### ► OPTIONAL

Anti-corrosion powder coated steel structure.

Thickness mm 10

Thickness mm 60

Suitable for the entire TGS range



### ASSEMBLY ON THE VEHICLE

#### ► OPTIONAL

Attachments & Anchor brackets for the vehicle.

ES - with connection code 1804055

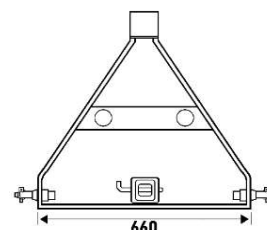


#### ► STANDARD

Male bracket supplied with the salt spreader, adjustable in height.

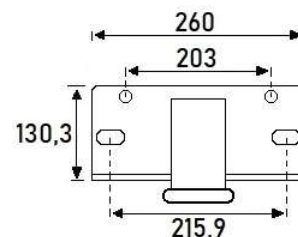
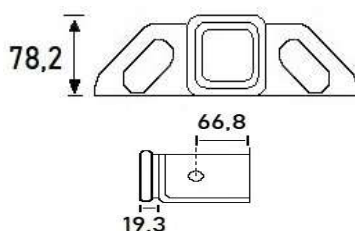
**3005345**

THIRD POINT ATTACK



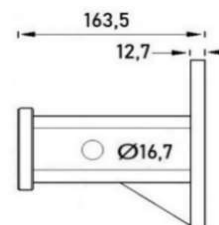
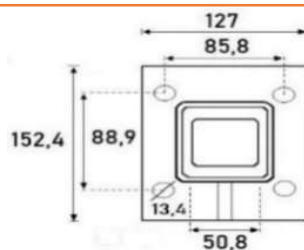
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ATTACK



**1804055**

ATTACK



**RVA24**

BRACKET



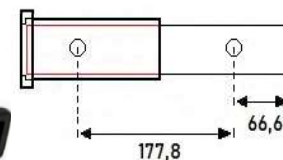
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BRACKET



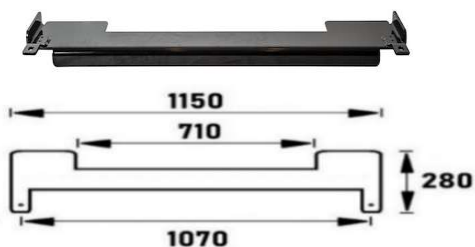
**1804005**

EXTENSION CORD



**3038520** EXTENSION

Only for TGS07



80 lb vibrator

**3008241 - TGSUVPROA**

**3028195 - TGS02**

**3020340 - TGS03**



**3016231**

Auger for fine salt



Only for TG SU PROA - TGS 06