

WINTER MAINTENANCE DESIGNS: A QUICK GUIDE

HIGH SPEED TRAILER SALT SPREADERS/GRITTERS

TS500HS HIGH SPEED TOWED SPREADER

- 500 litre capacity
- 1.2m – 6m spread width (up to 15m optional)
- Hydraulically powered from a Yanmar diesel engine
- POZI-FEED auger system



TS1200 HIGH SPEED TOWED SPREADER

- 1200 litre capacity
- 1.8m – 8m spread width (up to 15m optional)
- Hydraulically powered from a Yanmar diesel engine
- POZI-FEED auger system



LIQUID DE-ICING SPRAYERS

TM400/1000 TRACTOR MOUNTED DE-ICER

- 400 or 1000 litre capacity
- Hydraulically powered from the tractor hydraulics or PTO mounted pump
- 3 point linkage mount
- 3 section spray control



SALT SPREADERS FOR DISTRIBUTION CENTRE

THE WINTER WIZARD

- 0.20m³ mild steel hopper
- Adjustable spread width from 1.3m to 9m
- Powered/controlled from forklift truck
- Fork pockets with heel pins for safe mounting
- POZI-FEED auger system



TS800DC TUG-TOWED SALT SPREADER (GRITTER)

- 0.8m³ mild steel hopper (1-ton capacity)
- Adjustable spread width from 1.8m to 15m
- Manually adjustable spread width and application rate valves
- Hydraulic and electrical power from on-board auxiliary engine
- POZI-FEED auger system



TS1200DC TRAILED SALT SPREADER FOR DISTRIBUTION CENTRE

- 1.2m³ mild steel hopper
- Adjustable spread width from 1.8m to 15m
- Manually adjustable spread width and application rate valves
- Hydraulic and electrical power from on-board auxiliary engine
- POZI-FEED auger system



TRACTOR TOWED SALT SPREADERS/GRITTERS

TS500 TRACTOR TOWED SPREADER

- 500 litre capacity
- 1.2m – 3m spread width (up to 6m optional)
- Hydraulically powered from a PTO mounted pump or from tractor hydraulics
- POZI-FEED auger system



TS1700 TRACTOR TOWED SPREADER

- 1700 litre capacity – 2 ton capacity
- 1.8m – 8m spread width (up to 15m optional)
- Hydraulically powered from tractor hydraulics or PTO mounted pump
- POZI-FEED auger system
- High speed axles and tyres



TS3000 TRACTOR TOWED SPREADER

- 3000 litre capacity
- 1.8 – 10m spread width (up to 15m optional)
- Hydraulically powered from the tractor hydraulics
- POZI-FEED auger system
- Full road speed related spreading (optional)



TS5000 TRACTOR TOWED SPREADER

- 5000 litre capacity
- 1.8m – 10m spread width (up to 15m optional)
- Hydraulically powered from the tractor hydraulics
- POZI-FEED auger system
- High speed axles, wheels and tyres
- Full road speed related spreading (optional)



TS6000 TRACTOR TOWED SPREADER

- 6000 litre capacity
- 1.8m – 12m spread width
- Hydraulically powered from the tractor hydraulics
- POZI-FEED auger system
- High speed axles, wheels and tyres
- Full road speed related spreading (optional)



TRACTOR MOUNTED SALT SPREADERS/GRITTERS

MS350 TRACTOR MOUNTED SPREADER

- 350 litre capacity
- 1m – 4m spread width (up to 8m optional)
- Category 1 or 2, three point linkage
- Hydraulically powered from the tractor hydraulics
- POZI-FEED auger system
- Suitable for 30hp+ tractors



MS800 TRACTOR MOUNTED SPREADER

- 800 litre capacity
- 1m – 8m spread width (up to 15m optional)
- Category 2, three point linkage
- Hydraulically powered from the tractor hydraulics
- POZI-FEED auger system
- Suitable for 80hp+ tractors



MS1500 TRACTOR MOUNTED SPREADER

- 1500 litre capacity
- 1m – 8m spread width (up to 15m optional)
- Category 2, three point linkage
- Hydraulically powered from the tractor hydraulics
- POZI-FEED auger system
- Suitable for 130hp+ tractors



DEDICATED WINTER MAINTENANCE TRACTORS

DROP GRITTER/SNOWPLOWH ATV QUAD BIKE COMBI

- Dedicated Drop Gritter/Snowplough ATV Quad Bike Combi
- Yamaha 350 Quad Bike with selectable Two/Four-wheel drive
- Full road lighting kit registered as an agricultural machine
- Towed Drop Gritter with 0.285m³ mild steel hopper
- 1.2m wide Snow Plough with curved top deflector
- Ideal for footpaths, car parks, education and retail sites



SALT SPREADER/SNOWPLOWH MINI-TRACTOR COMBI

- A dedicated tractor gritter snowplough combination
- Ideal for footway gritting and car park clearing
- 250 litre hopper
- 1.3m snowplough
- POZI-FEED auger system
- Very accurate application rates compared with most footway gritting equipment



LIQUID DE-ICER/SNOWBRUSH MINI-TRACTOR COMBI

- A dedicated tractor Liquid De-icer/Snowbrush combination
- Designed for cycleways and paths
- 400 litre polypropylene tank with built-in suction fill device for ease of filling
- Deep sump ensures consistent application of liquid de-icer
- 1.3m snowbrush
- Electrically controlled spraying nozzles with auto stop/start and auto sensors to control application rate



TOWED OR MOUNTED DROP SPREADER/GRITTER

TS80 DROP SPREADER

- 285 litre capacity
- 80cm drop width
- Adjustable application rates
- Optional 3 point linkage bracket for use with tractor



DEMOUNT SALT SPREADERS & GRITTERS

DM800 DEMOUNT SALT SPREADER

- 0.8m³ mild steel hopper
- Adjustable spread width from 1.8m to 8m
- Hydraulically powered from on-board auxiliary engine
- Demount chassis with fork pockets to allow easy and safe spreader mounting
- POZI-FEED auger system



DM2000 DEMOUNT SALT SPREADER

- 2.0m³ mild steel hopper
- Adjustable spread width from 1.8m to 8m
- Hydraulically powered from on-board auxiliary engine
- Demount chassis with fork pockets and fold up chute
- POZI-FEED auger system



SNOW PLOUGHS – TRACTOR MOUNTED

SNOW BOX

- 2.69m overall width
- Category 2 mounting brackets and Euro-Type loader brackets
- Heavy duty design



SP130/SP150 COMPACT TRACTOR SNOWPLOUGH

- 1.3m or 1.5m width blade
- Hydraulic raise and lower
- Abrasion resistant wearing edge



SP2400HD AGRICULTURAL TRACTOR SNOWPLOUGH

- 2.4m working width
- Height adjustable castors
- Abrasion resistant wearing edge
- Manual or hydraulic angling



SP3000HD AGRICULTURAL TRACTOR SNOWPLOUGH

- 3m working width
- Height adjustable castors
- Abrasion resistant wearing edge
- Manual or hydraulic angling



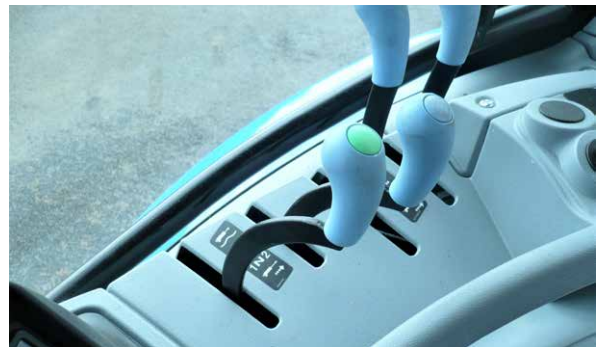
CONTROL OPTIONS FOR POZI-FEED SALT SPREADERS

SIMPLE CONTROL

The simplest way to control the spreader is by using the tractor or towing vehicle's own functionality to operate the spreading action. By using the tractor spool valve, this starts and stops the spreading action so a control box is not required.



Spread width/application rate control on the machine



POZI-FEED BASIC IN-CAB CONTROLLER

Designed for customers who want a control box inside the cab. Functions include:

- On/Off switch
- Spreading Disc/Auger start/stop
- Auger Pause
- Auger Reverse
- Beacon on/off
- Work light on/off



Spread width/application rate control on the machine



T50 POZI-FEED WIDTH/ APPLICATION IN-CAB CONTROLLER

For customers who want extra functionality from a control box.

- Spreading Disc/Auger start/stop
- Auger Pause
- Auger Reverse
- Beacon on/off
- Work light on/off
- Spreading width control
- Application rate control
- Remote engine start/stop. Must be specified with the correct diesel engine when ordering.



T100 POZI-FEED ROAD SPEED RELATED IN-CAB CONTROLLER

To give the complete range of necessary functions for highway spreading. Only available for a small selection of machines.

- Spreading Disc/Auger start/stop
- Auger Pause
- Auger Reverse
- Beacon on/off
- Work light on/off
- Spreading width control (1-12m or 1-8m)
- Application rate control (1-40g/m² in 1g increments)
- Road speed related application rate control: Auto or Manual
- Hopper empty function
- Four material settings: Dry/Medium/Wet/Mix
- Salt Sensor to indicate a blockage
- Spreading Symmetry to adjust spread pattern whilst moving



Additionally, the POZI-FEED T100 can output data through a RS232 port to a GPS system to enable tracking of the machine and the spreading parameters as the salt spreader is working.

ABOUT VALE ENGINEERING

Founded in 1999, VALE Engineering (York) Ltd is recognised today as the market-leading manufacturer of high-quality, robust and easy-to-use weed control, turf care and winter maintenance equipment for professionals, as well as chemical and fuel storage cabinets. All VALE designs are designed and manufactured by the company at its Yorkshire facility.