



Welcome to **POLARONE**™, a market leading, low-maintenance range of salt and grit spreaders designed to withstand the harshest of winter conditions.

Manufactured at Wessex International's UK headquarters, the **POLARONE**™ **WS-900** and **WS-1200** are perfect machines to complement demanding winter maintenance programmes, as they can spread salt from their 900L and 1200L hoppers and liquid brine from the integral 465L tank simultaneously.

The optional **POLARONE**™ **COMMANDER** live tracking system, for fleet and productivity management, provides real-time spreading data and application rates, essential for precise application and minimal material wastage.

The **POLARONE**™ vibration system is a patented auto vibration control to manage consistent material flow which is totally new and unique to the industry.

Constructed with a weight-saving polypropylene hopper, and stainless steel anti-corrosion components, **POLARONE**™ is designed for longevity. **POLARONE**™ can be trailer or vehicle-mounted and the list of key features and benefits is impressive.

## **W** SPECIFICATIONS

	<b>WS-900</b>	<b>WS-1200</b>
Hopper capacity - Level (Litres)	900	1200
Hopper capacity - Rounded (Litres)	1000	1320
Spread width	1.5-10m	1.5-10m
Integral brine tank vol (L)	465	550
Width (hopper only)	1140mm	1160mm
Height (hopper only)	1030mm	1030mm
Length (hopper only)	1820mm	2220mm
Bed length required	1750mm	2120mm
Auger diameter	105mm	105mm
Weight empty	210kg	230kg

*When only the best will do...*

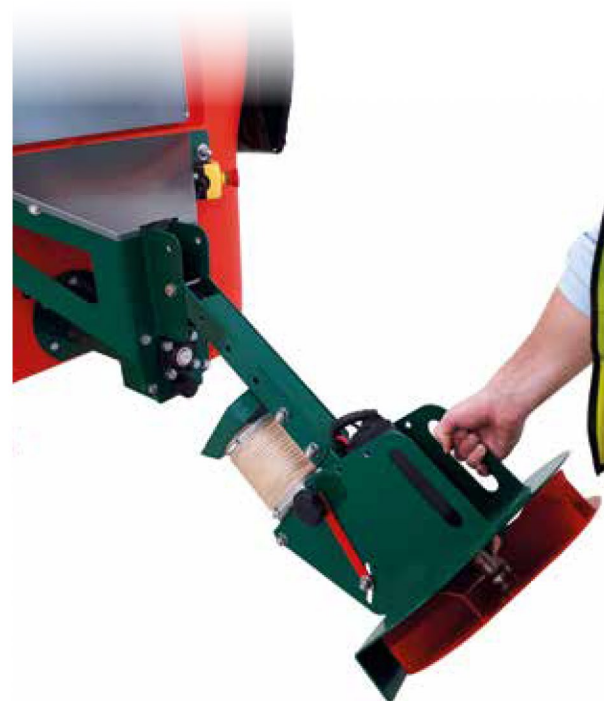
*When only the best will do...*



**MULTIFUNCTIONAL IN-CAB CONTROLLER**, SPECIFY YOUR DESIRED APPLICATION RATE THEN LET THE CONTROLLER DO THE WORK!

The GPS connectivity will adjust material delivery according to your vehicle speeds to maintain a consistent application rate. A speed optimisation indicator will help you optimise your driving speeds to improve the accuracy of spreading and productivity of your equipment and reduce material wastage.

Activate **POLARFLO™** auto vibration system to provide consistent material feed onto the spinner or switch to manual mode to individually control auger & spinner speeds & also vibrators.



**ADJUSTABLE SPINNER HEIGHT AND FOLD UP FEATURE**, FOR EASE OF STORAGE AND TO UTILIZE VEHICLE TOW HITCH

**KEY FEATURES & BENEFITS**

- 1 POLYPROPYLENE HOPPER AND INTEGRAL LIQUID TANK** with self-supporting design for durability & weight saving.
- 2 STAINLESS STEEL COMPONENTS & FIXINGS** for corrosion resistance and longevity
- 3 GPS CONTROLLED FLOW RATE FOR PRECISE APPLICATION** and minimal material wastage increasing profitability.
- 4 POLARFLO™ VIBRATION SYSTEM** – Patented auto vibe control for consistent material flow
- 5 ADJUSTABLE SPINNER HEIGHT WITH FOLD UP FEATURE** – to suit a wide variety of vehicles
- 6 EXTENDED AUGER DESIGN** – allows better weight distribution in host vehicle
- 7 NO ENGINES, BELTS, CHAINS OR GREASE POINTS** – unique low maintenance design
- 8 ADJUSTABLE CHUTE FOR AN OFFSET SPREADING PATTERN.** Reducing the risk of overspread and increase output by treating two carriageways.
- 9 LARGE DIAMETER AUGER WITH DELIVERY TUNNEL** allows spreading of large range of materials, avoiding blockages and leakage.
- 10 CAN BE TRAILER OR VEHICLE BED MOUNTED**

- ✓ **AUTO OPERATION**
- ✓ **MINIMAL MATERIAL WASTAGE**
- ✓ **MAXIMUM PROFITS**



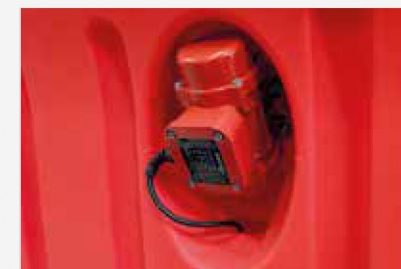
**TRAILER**  
– OPTIONAL EXTRA



**WIDE ANGLE AUGER**  
FOR HIGH VOLUME MATERIAL MOVEMENT



**EMERGENCY STOP**



**POLARFLO™ VIBRATION SYSTEM**  
FOR CONSISTENT MATERIAL FLOW



**MESH TOPSCREEN GRID**  
– PREVENTS LARGE CHUNKS ENTERING THE HOPPER



**ALL WEATHER COVER**  
WITH STURDY FRAME FOR EASY UNCOVERING



**THREE OPTIONS ARE AVAILABLE:**

**1 MODEL ST**

- ✓ A manually operated machine for those who want just a basic salt spreader, no speed control or data logging.

**2 MODEL GT**

- ✓ All the functions of the standard machine but with the addition of GPS speed control where the system monitors changes in FWD speed and spread widths to maintain the requested application rate.

**3 COMMANDER**

- ✓ All of the above with the addition of full telematics to provide a means to remotely monitor the salt spreader back at base. This set up would have access to a real time webpage and open up a variety of additional facilities such as route logging, reporting and ring-fencing machines.



**MOUNTING PLATE**



**WORK LIGHT**

**OPTIONAL EXTRAS**

- ✓ **HIGHWAY TRAILER**
- ✓ **MOUNTING PLATE FOR NUMBER PLATE & LIGHTING BOARD**
- ✓ **BRINE, PRE-WET & SPRAY BAR**
- ✓ **WORK LIGHT**