



Winter Safety Equipment

www.glasdon.com

Towable Gritters	3-10
Manual Grit/Salt Spreaders	11-15
Grit Bins & Multi Purpose Storage Containers	16-21
Snow Removal Equipment	22-24
Snow & Ice Accessories	25
Personalisation	26-27
Material Definitions	26-27

From ideas ... to real world solutions

New product development has been a defining element throughout our history.

The nature of our products is such that they must be designed to resist the numerous challenges faced within the urban landscape.

We continuously enhance our product range and pave the way in the market by introducing unique products.

Working together with our innovative design team, we want to provide real world solutions, tailored to meeting your needs.

When it comes to ensuring your staff, visitors and customers are safe in the winter months, you can trust Glasdon to supply you with the right tools for the job.

With over 50 years' experience in the supply of winter safety products, you can be assured that you are buying from a market leader. We offer a range of high quality grit bins, towable and manual grit/salt spreaders and snow removal equipment. Perfect for keeping your site snow and ice free during the colder months.

Visit our website
www.glasdon.com



Towable Gritters

Gritting your site is essential for staying safe during the winter months. Glasdon towable gritters cover large areas with ease and are simple to use with a car, truck or even quad bike. The towable gritters can be used for broadcast or drop spreading wet or dry grit/salt and are great for covering car parks, pedestrianised areas, small roads or industrial sites.



Turbocast 800™ Towable Dual Action Grit/Salt Spreader

DESIGN FEATURES

- Durapol® material hopper - will not rust, chip or corrode.
- Low maintenance stainless steel chassis, drive mechanism & broadcast spinner plate.
- Consistently distributed 8 metre spread width.
- Unique agitation mechanism spreads wet or dry grit/salt.
- Durapol side deflectors create drop-spreading action for accurate high dosage treatments.
- Spread adjustment mechanism for complete control of spread output from 5 – 60gms/m² for broadcast spreading. Can be set far higher for drop spreading (up to 480gms/m²).
- Adjustable speed control allows for uniform spread output range from 5 - 20mph.
- ON/OFF switch for drive engagement/disengagement to minimise wastage when travelling between sites.
- Adjustable height tow bar with pin hitch or ball hitch coupling.
- Encapsulated drive mechanism for low maintenance operation.

SPECIFICATIONS

Side deflectors not in use: 1935mm
 Side deflectors in use: 2040mm
 Size: 2000mm long x 1210mm wide x 1050mm high
 Capacity: 200 litres (approx. 10 x 25kg bags)
 Towbar height: 290 – 690mm
 Maximum payload: 250kg*
 Unladen weight: 170kg
 Maximum laden weight: 420kg
 Maximum spreading width: 8 metres
 Maximum towing speed: 20mph

*The weight of grit/salt is highly dependent on type and moisture content.

APPROXIMATE SPREADING RATES

RATE	DISTANCE		AREA
	km	miles	m ²
5 gms/m ²	6.23	3.87	49,998
15	2.08	1.29	16,666
30	1.04	0.65	8,333
60	0.52	0.32	4,166

An OFF setting allows the unit to be towed without dispersing grit when required.

BROADCAST SPREADS

An 8 metre spread can be covered at towing speeds from 5 – 20mph, to suit towing vehicle and application.



DROP SPREADS

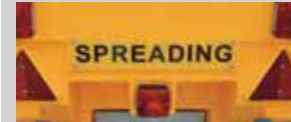
For accurate, controlled spreading, eliminating any waste grit/salt.



OPTIONAL EXTRAS



Amber flashing light



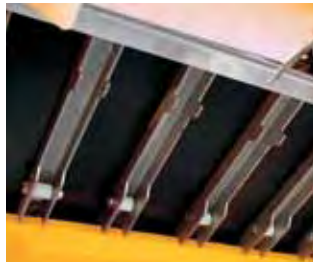
Number plate holder



Durapol material hopper



Rubber agitation mat



Agitation mechanism



Broadcast spinner plate



Twin side deflectors



Mudguards



Towing bar and security cable



Jockey wheel assembly



Spread adjustment handwheel



Turbocast 1000™ Towable Dual Action Grit/Salt Spreader

DESIGN FEATURES

- Durapol material hopper.
- Rubber agitation mat breaks up the grit/salt and feeds it to the hopper funnels.
- Agitation mechanism provides a quiet and smooth operation.
- Dual spinner plates distribute the grit/salt evenly and consistently.
- Twin side deflectors – create drop-spreading action by limiting the width of spread, can be used independently.
- Spread adjustment and shut off lever allows control of the spread rate.
- Spreads both wet and dry grit/salt. (The spread width and consistency will vary dependent on the moisture content of the grit/salt.)
- Mechanism cover – all working mechanisms are encapsulated inside a protective cover.
- Dump flap apertures.
- Maintenance hatch.
- Mud guards.
- 'A' frame & security cable.
- Reversing bars – to protect the unit from accidental damage when reversing.
- Light cluster – comprising a rear brake, number plate, indicator and rear fog lights.
- Reflectors.
- 20mph sticker.

SPECIFICATIONS

Side deflectors not in use: 2676mm long x 1637mm wide
 Side deflectors in use: 2966mm long x 1590mm wide
 Load height: 1151mm Towbar height: 462mm
 Capacity: 430 litres
 Maximum payload: 500kg (holds approx. 20 x 25kg bags of rock salt)
 Unladen weight: 250kg Maximum laden weight: 750kg
 Maximum spreading width: approx. 10 metres
 Maximum towing speed: 20mph

APPROXIMATE SPREADING RATES*				
BROADCAST SPREAD	RATE	DISTANCE		AREA
	gms/m ²	km	miles	m ²
Setting 1	15	3.3	2	33,333
Setting 2	35	1.5	1	14,285
Setting 3	55	1	0.6	9,090

*Based on dry white rock salt.

Rate of Spread

3 spread rate settings have been selected to follow recommended guidelines set by Highways England.

1. **Precautionary** (prior to ground frost, snow and ice).
2. **Intermediate** (following ground frost).
3. **Priority** (following ice and snow).

An OFF setting allows the unit to be towed without dispersing grit when required.

Not Suitable for use on Public Highways.



Durapol material hopper



Rubber agitation mat



Agitation mechanism



Dual spinner plates



Twin side deflectors



Spread adjustment and shut off lever



Mechanism cover



Dump flap apertures



Maintenance hatch



Integrally moulded mudguards



A-Frame & security cable



Reversing bars

BROADCAST SPREADS

A large area can be covered quickly with minimum passes, for an even and consistent spread.



DROP SPREADS

For accurate, controlled spreading, eliminating any waste grit/salt.



TURBOCAST 1000 CONVERTS FROM A BROADCAST SPREADER INTO A DROP SPREADER WITH THE USE OF UNIQUE TWIN SIDE DEFLECTORS.



Release the catch with a gloved hand.



Lower the first side deflector into position.



Repeat the procedure for the second side deflector to complete the conversion.

TOWING: TURBOCAST 1000 IS NOT SUITABLE FOR USE ON PUBLIC HIGHWAYS

OPTIONAL EXTRAS



Operator's box



Maintenance lamp



Digga™ shovel



Amber flashing light



Filling grille



Pin hitch extension bar



Fine grit salt kit



Number plate holder



The broadcast spread can be limited to one side only where required



OPTIONAL EXTRAS

- Number plate mountings.
- Rear lights.
- Reflectors.
- Mudguards.
- Ball hitch.

TOWING OPTIONS

Cruiser 80 can be towed by two and four wheel-driven tractors, vans and trucks. It can also be towed by passenger cars with the ball hitch option (please refer to the towing vehicle's manufacturer's handbook under towing/trailer recommendations). Not suitable for use on Public Highways.

APPROXIMATE SPREADING RATES*

DRY ROCK SALT	RATE	DISTANCE		AREA	WET ROCK SALT	RATE	DISTANCE		AREA
	gms/m ²	km	miles	m ²		gms/m ²	km	miles	m ²
Cruiser Towable 80	100	2.6	1.6	2,110	Cruiser Towable 80	100	3.4	2.1	2,720
	450	0.6	0.4	470		450	0.7	0.5	604

Cruiser™ Towable 80 Grit/Salt Drop Spreader

DESIGN FEATURES

- Can be used with dry, damp or wet grit/salt.
- Continuous rippling action of the rubber plate within the hopper ensures the gritting material does not clog.
- Rotating rubber paddles scoop material from the trough and dispense it evenly.
- Range of spreading settings – an adjusting handle allows accurate control of spreading.
- No rotating parts inside the hopper.
- Cruiser Towable 80 is supplied as standard with a pin-hitch towbar.

SPECIFICATIONS

Size: 1555mm long (1725mm fully extended) x 1270mm wide (with mudguards) x 900mm high
 Load height: 800mm
 Towbar height: 400mm adjustable to 640mm
 Capacity: 160 litres
 Maximum payload: 275kg of wet brown rock salt (holds approx. 11 x 25kg bags)
 Unladen weight: 85kg
 Maximum laden weight: 360kg
 Minimum weight of tow vehicle: 720kg
 Area of coverage: 2,720m² @ 100gms/m²
 Maximum spreading width: 800mm
 Approx. spreading distance: 3.4km
 Maximum towing speed: 20mph

Cruiser Towable 80 carries the **CE** mark which shows compliance with Machinery Directive (2006/42/EC) which is the European Safety Directive relating to these products.



Manual Grit/Salt Spreaders

Glasdon supply a range of manual grit spreaders which are ideal for gritting entrance areas, pavements and footpaths. Like our towable gritters, we have options for both broadcast and drop spreading.



Turbocast 300™ Grit/Salt Broadcast Spreader

DESIGN FEATURES

- Chassis manufactured from mild steel with Armortec® coating.
- 52 litre Durapol material hopper.
- Plastic guards protect all working mechanisms.
- Slim design – can fit through a standard 760mm door.
- Easy to empty.
- Range of spreading settings.
- Solid rubber cushioned tyres.
- Polypropylene spinning plate – protected by a steel frame.
- Agitation mechanism – designed to efficiently spread either wet or dry rock salt.

SPECIFICATIONS

Size: 1235mm long x 670mm wide x 950mm high
Load height: 690mm
Capacity: 52 litres (holds approx. 2.5 x 25kg bags of rock salt)
Maximum payload: 66kg of wet brown rock salt
Unladen weight: 43kg
Maximum spreading width: approx. 7.3 metres (based on using 74kg of damp brown rock salt @ fast walking pace)

EASY TO EMPTY

Front rest allows the unit to be emptied wheelbarrow fashion.



Polypropylene spinning plate

Protected by a steel frame.



All working mechanisms are protected



APPROXIMATE SPREADING RATES

	DAMP BROWN ROCK SALT	DAMP WHITE ROCK SALT
Slow Walking Pace	3m	3.5m
Medium Walking Pace	5.5m	5.5m
Fast Walking Pace	7.3m	6.5m

TYPICAL COVERAGE GUIDE PER FULL HOPPER

	Rate gms/m ²	Area m ²
Damp Brown Rock Salt	48	1,375
Damp White Rock Salt	44	1,432



Range of settings



Slim design



Solid rubber cushioned tyres

OPTIONAL EXTRA

Cover

To provide protection when storing outside.

(Note: Grit/salt should never be left in the Turbocast 300 after use.)



Turbocast 300 carries the CE mark which shows compliance with Machinery Directive (2006/42/EC) which is the European Safety Directive relating to these products.



APPROXIMATE SPREADING RATES*

DRY ROCK SALT	RATE	DISTANCE		AREA	WET ROCK SALT	RATE	DISTANCE		AREA
	gms/m ²	km	miles	m ²		gms/m ²	km	miles	m ²
Cruiser Manual 50	100	1.4	0.8	700	Cruiser Manual 50	100	1.8	1.1	900
	450	0.3	0.2	155		450	0.4	0.25	200

Cruiser™ Manual 50 Grit/Salt Drop Spreader

DESIGN FEATURES

- Can be used with dry, damp or wet grit/salt.
- Continuous rippling action of the rubber plate within the hopper ensures the gritting material does not clog.
- Rotating rubber paddles scoop material from the trough and dispense it evenly.
- Range of spreading settings – an adjusting handle allows accurate control of spreading.
- No rotating parts inside the hopper.

SPECIFICATIONS

Size: 1115mm long x 790mm wide x 955mm high
 Load height: 560mm
 Capacity: 53 litres
 Maximum payload: 90kg of wet brown rock salt
 Unladen weight: 48kg
 Area of coverage: 900m² @ 100gms/m²
 Maximum spreading width: 500mm
 Approx. spreading distance: 1.8km

Cruiser Manual 50 carries the CE mark which shows compliance with Machinery Directive (2006/42/EC) which is the European Safety Directive relating to these products.

Icemaster 50™ Grit/Salt Broadcast Spreader

DESIGN FEATURES

- Durapol material 50 litre hopper.
- Rotary agitator – breaks up the grit/salt for a consistent spread.
- Range of spreading settings – an adjusting handle allows accurate control of spreading.
- Rear stand.
- Pneumatic tyres.

SPECIFICATIONS

Capacity: 50 litres
 Width: 655mm
 Unladen weight: 16kg
 Weight capacity: 55kg (holds approx. 4 x tubs of Glasdon Icemelt)

COLOUR

Black.



Icemaster 25™ Grit/Salt Broadcast Spreader

DESIGN FEATURES

- Durapol 25 litre hopper.
- Rotary agitator – breaks up the grit/salt for a consistent spread.
- Range of spreading settings – an adjusting handle allows accurate control of spreading.
- Rear stand.
- Pneumatic tyres.

SPECIFICATIONS

Capacity: 25 litres
 Width: 530mm
 Unladen weight: 9.75kg
 Weight capacity: 25kg (holds approx. 2 x tubs of Glasdon Icemelt).

COLOUR

Black.



GRITTING MACHINE SPARES

Glasdon offer a complete after-sales service. Spare parts are available for all Glasdon gritting machines. Please telephone our sales office on **01253 600410** for further information and to discuss your requirements.

Grit Bins

Glasdon grit bins come in a variety of styles and sizes to suit all requirements. Ideal for locating at entrance areas, public footpaths and car parks to store grit/salt for ease of access and spreading.

Glasdon can also personalise your grit bin to include your name, logo or message.



OPTIONAL EXTRAS

- Hasp and staple
- Personalisation



Orbistor™ Grit Bin

DESIGN FEATURES

- Manufactured from Durapol material.
- Large 800 litre capacity.
- Integral knuckle and rod hinge with plastic coated reinforcing rod.
- Spherical design ensures no weak corners.
- Moulded-in drainage channels on the lid.
- Angled lid maximises storage space.
- Lower leading edge – for improved access.
- Front recesses – for lid opening.
- Forklift slots with hand holds.

SPECIFICATIONS

Capacity: 800 litres
 Height: 1075mm
 Diameter: 1280mm
 Weight capacity: 1000kg loose grit/salt (or approx. 40 x 25kg bags of rock salt)
 Area of coverage: 20,000m² @ 50gms/m²
 Colours: Yellow, Deep Green.



Can be stacked for storage - up to 3 bins high

OPTIONAL EXTRAS

- Din Lock
- Hasp and staple
- Personalisation
- Concrete Fixing Kit



Nestor™ 400 Grit Bin

DESIGN FEATURES

- Double skinned lid – for supreme strength and weather protection.
- Knuckle hinged lid – fully opens exerting little stress on the hinge.
- Angled lid and drainage channels to reduce moisture ingress.
- Large aperture and low front lip for easy access.
- Choice of 2 lids – Plain or moulded-in GRIT-SALT legend.
- Base recesses – to allow lifting by a forklift truck.
- Concave base with stability features.
- Can be stacked for storage – up to 3 bins high.

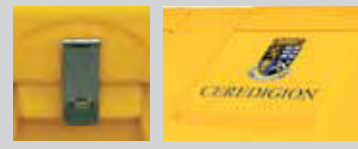
SPECIFICATIONS

Capacity: 400 litres
 Length: 1150mm
 Height: 950mm
 Width: 725mm
 Weight capacity: 540kg loose grit/salt (or approx. 21 x 25kg bags of rock salt)
 Colours: Yellow, Deep Green. Other colours are available – please contact our Sales Office for details.



OPTIONAL EXTRAS

- Hasp and staple
- Personalisation
- Drainage holes



Slimline™ Grit Bin

DESIGN FEATURES

- Manufactured from Durapol material.
- Fully rotating lid.
- Moulded-in drainage features.
- Integral fork lift slots.
- Large, easy access aperture.
- Light weight (when empty) – for easy siting by one person.
- Choice of 2 lids – Plain or moulded-in GRIT-SALT legend.

SPECIFICATIONS

Capacity: 160 litres
 Length: 838mm
 Height: 750mm
 Width: 515mm
 Weight capacity: 208kg loose grit/salt (or approx. 8 x 25kg bags of rock salt)
 Area of coverage: 4,160m² @ 50gms/m²
 Colours: Yellow, Beige, Deep Green, Red.



Nestor 400
(400 litres)

Nestor 90
(90 litres)



Nestor™ 90 Grit Bin

DESIGN FEATURES

- Strong knuckle hinge with GRP hinge rod.
- Robust double-skinned lid.
- Fully opening lid.
- Large aperture with low front lip for easy access.
- Drainage channel prevents rainwater entry.
- Base recess allows lifting with a sack truck.
- Can be stacked up to 5 bins high for storage.

SPECIFICATIONS

Capacity: 90 litres
 Length: 630mm
 Height: 624mm
 Width: 536mm
 Weight capacity: 125kg loose grit/salt (or approx. 4 x 25kg bags of rock salt)
 Colours: Yellow, Red, Deep Green.
 Other colours are available – please contact our Sales Office for details.

Rollastor™ Portable Grit Bin

DESIGN FEATURES

- Manufactured from tough, high-density polyethylene.
- Front hopper feed aperture – for easy removal of contents.
- Supplied with a Digga™ Shovel.

SPECIFICATIONS

Capacity: 110 litres
Length: 480mm
Height: 945mm
Width: 550mm
Weight capacity: 132kg (holds approx. 5 x 25kg bags of rock salt)
Area of coverage: 2,900m²
Colour: Dark Grey.



Do You Need Grit/Salt?

If you require grit/salt supplies in bags or bulk, we would be pleased to recommend grit/salt from



To place your grit/salt order or for further information please contact Darlington's on:

Tel: 0844 880 6563 Fax: 0151 328 5613

Multi-Purpose Storage Containers

All Glasdon grit/salt containers can also be used for general-purpose storage, giving them all-year round versatility. Ideal for sand, tools, fertiliser, spill kits and other site equipment in addition to grit/salt storage.



Snow Removal Equipment

Clearing snow in winter should be easy and efficient that's why it is ideal to have specialised tools to carry out the job. Our purpose built snow shovels are strong and sturdy as they are made out of our corrosion resistant Durapol, this also gives them a fantastic life span.

As well as providing an excellent solution to snow removal they can also be used for general purpose clearing alongside our full range of Grit Bins.



Snowdozer™ Snow Plough Attachment

DESIGN FEATURES

- Reversible 1750mm wide Durapol material blade.
- 25° angled blade – pushes snow to the side of the road.
- Twist locks – easily operated with gloves on.
- Universal fork moulding – fits all standard forklifts.
- Steel frame with Armortec coating.
- Internal steel bump stops – indicate when fully engaged.

SPECIFICATIONS

BLADE
 Width: 1750mm
 Internal diameter: 630mm
 Blade thickness: 15mm
 Angle of sweep: 25 degrees to the left

FRAME
 Width of blade support: 1220mm
 Height of blade support: 50mm

Length of Legs	Depth of Legs
Right leg: 700mm	650mm
Left leg: 1000mm	900mm
Width of Legs: 150mm	



Snowshovel™ Spade



Snow covered steps and door entrances can be cleared quickly and easily. Simple to use, Snowshovel has been purpose-designed with a broad-angled blade. Mild steel shovel with Armortec coating and a wooden handle.

Snowscoop™ Shovel



Lightweight and easy to push, Snowscoop quickly clears snowdrifts from entrance areas, footpaths and car parks. Wheels are recessed into the 600mm wide steel blade to prevent jamming during snow clearance. Supplied in three snap-together sections. Mild steel construction with Armortec coating.

Digga™ Shovel

Made from robust polypropylene with a steel pin-reinforced shaft, Digga unscrews into two sections.



Glasdon Snoopade™ Shovel



Snoopade has an extending aluminium handle, which can be quickly adjusted using the twist grip lock. The shovel head is manufactured from robust Durapol material. Compact size makes it ideal for storage in grit bins or car boots.



Dispensa™ Spreader

A hand held spreader for use with Glasdon grit/salt storage containers (see pages 16-21).



■ Icemelt™ Compound

DESIGN FEATURES

- One 12.5 litre tub will cover 250m².
- Ice-penetrating action ensures surfaces remain safe to walk on even if refreezing occurs.
- Dispenser supplied.
- Fully bio-degradable.
- 12.5 litre tubs or 25kg bags available. (Icemelt must be kept dry.)



■ Glasdon Ice-Grips™ Shoe Spikes

DESIGN FEATURES

- Can be used on snow and ice.
- Toughened steel spikes for ice grip.
- Carbide steel spiral wire for snow grip.
- Suitable for temperatures down to -40°

MATERIALS

Spikes and spiral wire: Steel
Grip areas: Rubber

	Medium	Large	X-Large
UK Men's	3-6	6-10	10-13
UK Women's	3-6	6-10	10-13
Euro Men's	35-39	39-46	46-48
Euro Women's	35-39	39-46	46-48
US Men's	4-7	7-12	12-14
US Women's	5-8	8-13	13-15



Personalisation / Materials

Add a unique touch to your Glasdon order with our Personalisation & Branding service. Make your grit bins instantly recognisable and promote your responsibility for winter safety by personalising them with your name, logo or message. We have the in-house expertise to help you achieve the impact you require.

Personalisation & Branding

Step 1. Choose from a wide range of products and personalisation options:

Our experienced sales team will advise you on the personalisation options of your chosen product. We can also send you examples of some of our tried and tested visuals for a little inspiration.

Step 2. Selecting Standard Options

Many of our products offer standard decals to choose from at the point of ordering. Simply select from the drop down menu the option you require on our website or contact our sales office for more information.

Step 3. Looking for Something Different?

If you would like to adapt a standard option by changing decal colours or to include an element of branding, or perhaps you would like to create something completely unique, we can help. Our Sales team will be happy to learn more about your project and requirements. We will work with you to achieve the finish you require.

Step 4. Free Visualisation Service

Our sales team will then liaise with our in-house graphics team to prepare a visual of the product with your chosen personalisation, of which you're able to review and make changes to if required.

This is a free service offered to all Glasdon customers.

Step 5. Artwork Approval

We are committed to making sure the end result is exactly right for you. So when you are completely happy with the visual and have agreed any of the additional production costs, we will finalise and deliver your personalised order.



Glasdon High Performance Materials

Glasdon products are manufactured from high performance materials and undergo stringent quality checks to ensure durability and best value. We have accreditation with ISO 9001:2008, underlining our commitment to provide quality products.

Throughout this brochure reference is made to the following materials:

Armortec® corrosion resistant coating is specially formulated to extend the life of Glasdon metal products and components used externally.

Durapol® material is a polymer formulated to withstand extremes of temperature and is impact-tested in our Quality Assurance Laboratory as part of our BS EN ISO 9001:2008 test procedure. Durapol will not chip or rust, is easy to clean and never needs painting.

All Glasdon products manufactured from Durapol can be recycled at the end of their service life.



www.glasdon.com



More detailed literature is available for many of our products. Please contact our Sales Office on 01253 600410 with your enquiry.

Glasdon, Armortec, Cruiser, Digga, Dispensa, Durapol, Glasdon Ice Grips, Glasdon Snospade, Icemaster 25, Icemaster 50, Icemelt, Nestor, Orbistor, Rollastor, Slimline, Snowdozer, Snowscoop, Snowshovel, Turbocast 1000, Turbocast 300 and Turbocast 800 are trademarks or registered trademarks of GLASDON Group or its subsidiaries in the UK and other countries.