

# GROUND-EFFECT

AERIAL AGRICULTURE EQUIPMENT



**Ground-Effect** spreading buckets have proven to be an extremely effective tool for aerial spreading of fertilizers, seed and baits.



[www.imsLtd.co.nz](http://www.imsLtd.co.nz)



Designed to be strong, light weight and to provide an even spread distribution. The **Ground-Effect** Spreading bucket will ensure that your investment will provide maximum return.

# GROUND-EFFECT SPREADER BUCKET CAPACITIES

Part Number	Capacity (Litres)	Capacity (US Gallons)	Capacity (Cubic Feet)
GE200	200	53	7
GE300	300	79	10.6
GE350	350	92	12.4
GE400	400	106	14.1
GE560	560	148	19.8
GE650	650	172	22.9
GE750	750	198	26.5
GE950	950	251	33.5
GE1200	1200	316	40.6
GE1350	1350	355	45.9
GE1500	1500	396	53
GE1650	1650	436	58.3



The **Ground-Effect** Spreader system has been successfully implemented into many countries throughout the world for a variety of applications, with a strong network of representatives supporting various local markets the **Ground-Effect** Spreader range will prove to be an essential addition to any professional helicopter operation.

## OPTIONAL: COLLAPSIBLE HOPPER

Designed for applications where weight and space are essential.

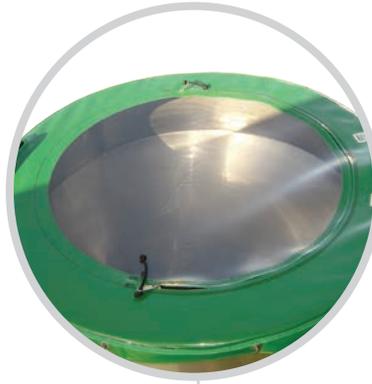


# GROUND-EFFECT SPREADER ACCESSORIES



## Spinner & Motor

A range of spinner and motor configurations are available to suit your specific application requirements. The team at IMS New Zealand will work with you to supply the optimum system for your needs

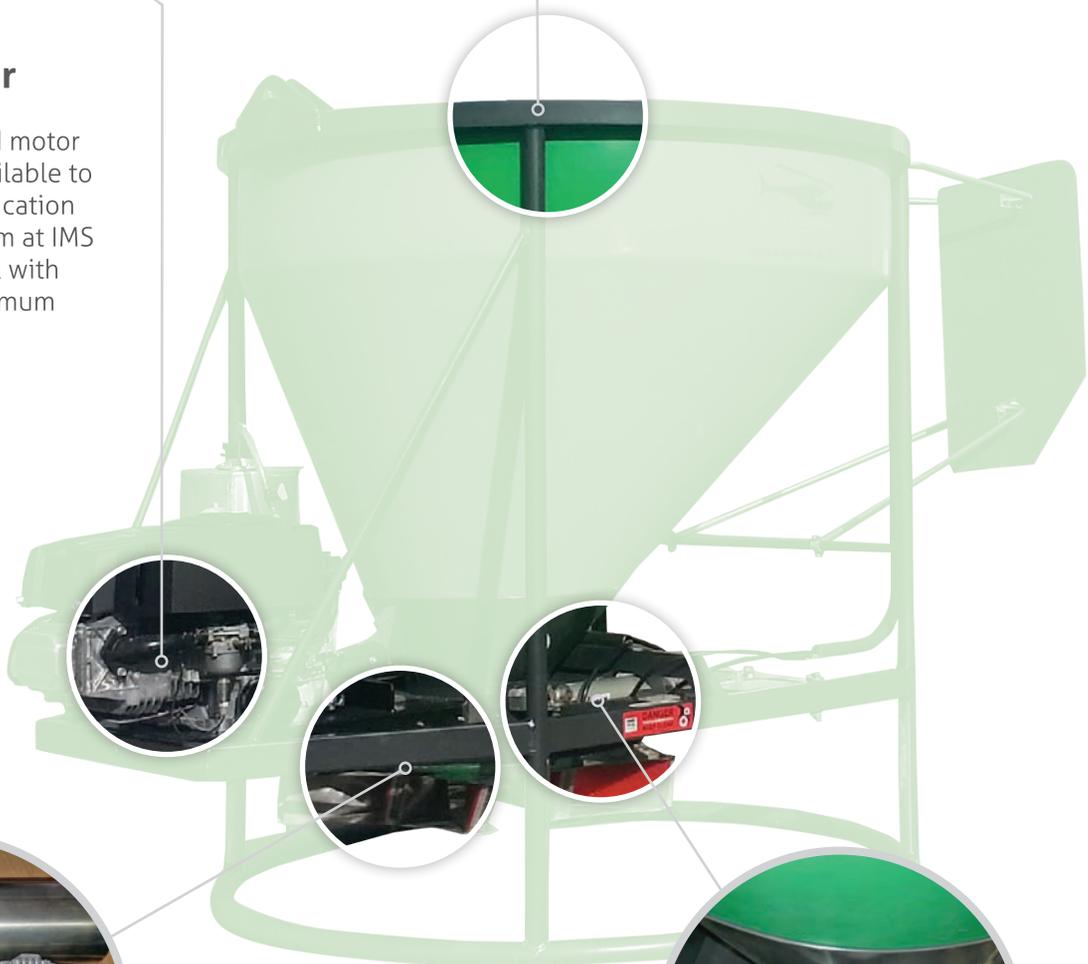


## Hopper Lid

Robust Hopper lids are available for the entire Ground-Effect range.

## Bucket mounted compressor

Used where bleed air from the aircraft is not available and compressed air is the preferred energy source for the slide valve operation.



## Product agitator

Maximizes product flow to the spinner and reduces product bridging in hopper.



## BAITING

Baiting attachments are available in the Ground Effect spreading bucket range, with specific product agitators, Trickle feed augers and broadcasting spinners available which have been designed to handle a variety of baits efficiently and effectively.



# LIME APPLICATION

**IMS New Zealand** have developed a Heavy Application System for applying bulk fertilizer products at rates in excess of 500 Kg's per Hectare (500lbs per Acre).

The Bulk application bucket operates on pneumatics powered by aircraft bleed air or a bucket mounted air compressor. Adjustment of the door opening position allows the operator to vary the application rate simply and quickly without the requirement of any special tools.

Agitator systems are also available for the Bulk application bucket which minimises the risk of product bridging or hanging up in the bucket.

This system is available in a range of sizes and comes complete with certified lifting strops, a spreader bar suited to your helicopter, and all wiring and airlines required to suit your helicopter configuration.



## VOLUME

US Gallons	Liters	Cubic Feet
40	150	5.3
53	200	7
66	250	8.8
79	300	10.6
92	350	12.4
106	400	14.1
119	450	15.9
132	500	17.6
145	550	19
158	600	21
171	650	23
184	700	24

**Contact us** for information on a system that best suits your application.





## CONCRETE / GRAVEL BUCKET

A bucket for placement of wet cement / gravel products and is available with manual door actuation or pneumatic door actuation.

### A robust and effective Skip for a wide range of products

A full range of underslung skips are available to suit your specific needs with a range of volumes and release configurations including Pneumatic, Electric and Manual operation.

The tough and effective IMS Skips are suitable for concrete positioning and masonry product handling and are available in Mild steel and Aluminium construction.

#### VOLUME

US Gallons	Liters	Cubic Feet
40	150	5.3
53	200	7
66	250	8.8
79	300	10.6
92	350	12.4
106	400	14.1
119	450	15.9
132	500	17.6
145	550	19
158	600	21
171	650	23
184	700	24



# CONVEYOR LOADER

The **Ground-Effect** Conveyor Loader incorporates a digital load cell system to ensure precise bucket loading saving you time and ensuring effortless accuracy and consistency with each job.

The **Ground-Effect** Conveyor loader is designed with the operator in mind and incorporates features to eliminate product waste, optimize efficiency and have low maintenance requirements.



## Specialised equipment

Designed specifically for the industry, this system will minimize loading and flight times.



## For a specialised job!

Loads granulated products into a **Ground-Effect** bucket in seconds providing the correct weight every time.

Looking for a fast and effective way to load your **Ground-Effect** Spreading Bucket? Try our Conveyor Loader





FOR MORE INFORMATION CONTACT US

---

35 Wakefield Street  
Onekawa, Napier  
New Zealand  
PO Box 8504  
Havelock North 4157

P: +64 21 583 033  
F: +64 843 5984  
E: [sales@imsltd.co.nz](mailto:sales@imsltd.co.nz)

[www.imsltd.co.nz](http://www.imsltd.co.nz)