



## Control your dust!



Loading dry goods can be a dust-free job, thanks to DSH Systems.  
Loading dry goods can be cost-effective thanks to DSH Systems

By selling more of your product our hopper can pay for itself in weeks!

This innovative kiwi company has solved a worldwide engineering problem: how to control the fallout from bulk loading dry goods. The DSH Systems answer is so simple, yet so effective... and it works with anything from fertilisers, and stockfoods, to wheat, barley and sugar.

### Introducing... the Smart Hopper

Trucks taking on a load used to literally disappear in the dust but now an easily-installed DSH Systems hopper immediately eliminates that problem.

The hopper is suspended above the target and kept continuously full.

By concentrating the stream of dry goods into a solid column, DSH System's purpose-built dust suppression hoppers

- minimise dust
- save wastage
- reduce costs
- create a safer, healthier environment
- reduce maintenance
- great investment

### The right hopper for the job

DSH Systems produces rotational moulded and steel hoppers to cover most applications and due to client demand the company is constantly developing hoppers that can transfer other products. A PLC (programmable logic computer) control system is available, which controls the discharge rate. Ask about our ceramic lined hoppers these are for more abrasive products, e.g. sand and gravel.

Research has found the hoppers work well on many different dry, cool, granular products.

#### Simple. A smarter hopper.

Today, after years of fine-tuning, the dust suppression hopper now works at peak efficiency so it's no surprise companies around Australasia are eager to reap the benefits of this innovative system.

DSH Systems started exporting hoppers to Australia in August 2004.

The first hopper was installed in a fertiliser store in Melbourne and now a food-grade stainless steel hopper is being used inside a silo at a sugar plant in Queensland.

A quarry experimenting with loading sand and gravel has had positive results and the hopper has even sparked academic interest – the University of Wollongong is exploring the science behind the simple yet effective kiwi invention.





## So what are they saying about 'the dustbuster'?

"We are using the Dust Suppression Hopper on our load-out points: truck and rail and also the dress belt into store, a drop of about 14 metres. The hoppers have been a great success in cutting down the dust problem and make visibility a lot easier and provide a perfect pour when loading. The computer controlled model pours perfectly every time and is great for loading spreaders with small bins."

- Shannon Barwood  
Dispatch Foreman, Ravensdown Fertiliser  
Napier, New Zealand

"We have had the hopper operating for about seven months and are extremely happy with it. We now have basically no maintenance to worry about. We no longer have to reline the old system every 3 – 4 months and no more electrical concerns re winches etc that used to raise and lower the old chute. I anticipate that we will be installing more Dust Suppression Hoppers on site in the near future."

- Karl Van Wanrooy  
Logistics Site Supervisor, Incitec Pivot Ltd  
Geelong, Victoria, Australia



"The hopper has made a big difference on the super line at Geelong in the short time it has been operating, mainly in the time it takes to load. I estimate that it is four or five minutes faster as we do not have to take the crossbars out of the truck bodies, or if they are left in, the old chute had to be raised and lowered in to each section and now it runs straight through the whole length and does not make any dust. Hopefully every fertilizer company will be using them soon."

- Steve Johnson  
Transport Operator, Elders WGF  
Koo Wee Rup, Victoria, Australia

## Want to know more?

Simply contact us to request your free copy of our DVD or CD-ROM...

w [www.siouxsteel.com](http://www.siouxsteel.com)  
e [info@siouxsteel.com](mailto:info@siouxsteel.com)  
p 1-800-557-4689  
f 1-605-357-8597  
a 196 1/2 E 6th St - PO Box 1265  
Sioux Falls, SD 57101-1265



## Inventor Information

w [www.dshsystems.com](http://www.dshsystems.com)  
e [info@dshsystems.com](mailto:info@dshsystems.com)  
p/f +64 6 844 6894  
a P O Box 5074, Napier 4145, New Zealand  
3 Nilgiri Road, RD 2, Napier, 4182, New Zealand

