



WHY CHOOSE DSH?

A LOW COST, SIMPLE SOLUTION
FOR NEAR DUST FREE LOADING

—
REDUCES MAINTENANCE, DUST
DISPOSAL, CLEANING,
EXPLOSION RISK AND
POLLUTION

—
IMPROVES YOUR LOADING
DENSITY AND STORAGE
CAPACITY

—
EASY INSTALLATION WITH
MINIMAL DOWNTIME

—
REQUIRES NO ELECTRICITY,
PNEUMATICS OR HYDRAULICS



CONTACT US

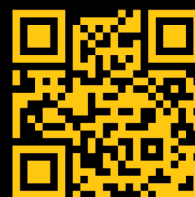
☎ : +64 (0) 9 828 8012

📍 Postal:
PO Box 48052
Blockhouse Bay
Auckland 0644
New Zealand

Physical:
3/41 Lansford Crescent
Avondale
Auckland 0600
New Zealand

✉ info@dshsystems.com

🌐 www.dshsystems.com



DSH
SYSTEMS

**DUST
SUPPRESSION
HOPPER**
PRODUCT RANGE

OUR PRODUCTS

DSH hoppers come in a range of sizes, with varied loading capacities. Depending on product type, bulk density and desired flow rates, our team will determine the appropriate size, as well as any specialized construction recommendations that may be required.

Loading capacities can range from 50 tonnes per hour up to more than 2000 tonnes per hour.

Example Based on Grain at Bulk Density 750 kg/m³

DSH Mini - 20 to 80 TPH
DSH 1 - 80 to 130 TPH
DSH 2 - 130 to 220 TPH
DSH 3 - 220 to 330 TPH
DSH 4 - 330 to 530 TPH
DSH 5 - 530 to 750 TPH
DSH 6 - 750 to 1,050 TPH
DSH 7 - 1,050 to 1,350 TPH
DSH 8 - 1,350 to 1,700 TPH
DSH 9 - 1,700 to 2,100 TPH



CONSTRUCTION



DSH Systems works alongside our clients to develop site specific solutions, with each hopper being designed and engineered for maximum efficiency and ease of use.

Our hoppers are able to be constructed from a number of materials:

Polyethylene hoppers cover most general applications and can be used with some corrosive products.

Corten and Hardox Steel is long-lasting and can be used with abrasive or warm products

Stainless Steel is suitable for food applications or corrosive products

Specialised construction or extras include flat sides, reduced width, TARDIS hoppers, dust filter covers, ceramic linings, and static electricity earth straps.

HOW IT WORKS

The Hopper is installed under a feed point where it can be suspended above the loading area and kept at operating level.

As the Hopper is filled the springs start to extend, which gently lowers the hopper and helps control the material flow

The central plug and a small degree of natural agitation helps exclude air from the material being transferred and forces it into a solid column as it exits the hopper

The material falls in a condensed column through the air with minimal dust into your truck, ship or container, ready for transport!

