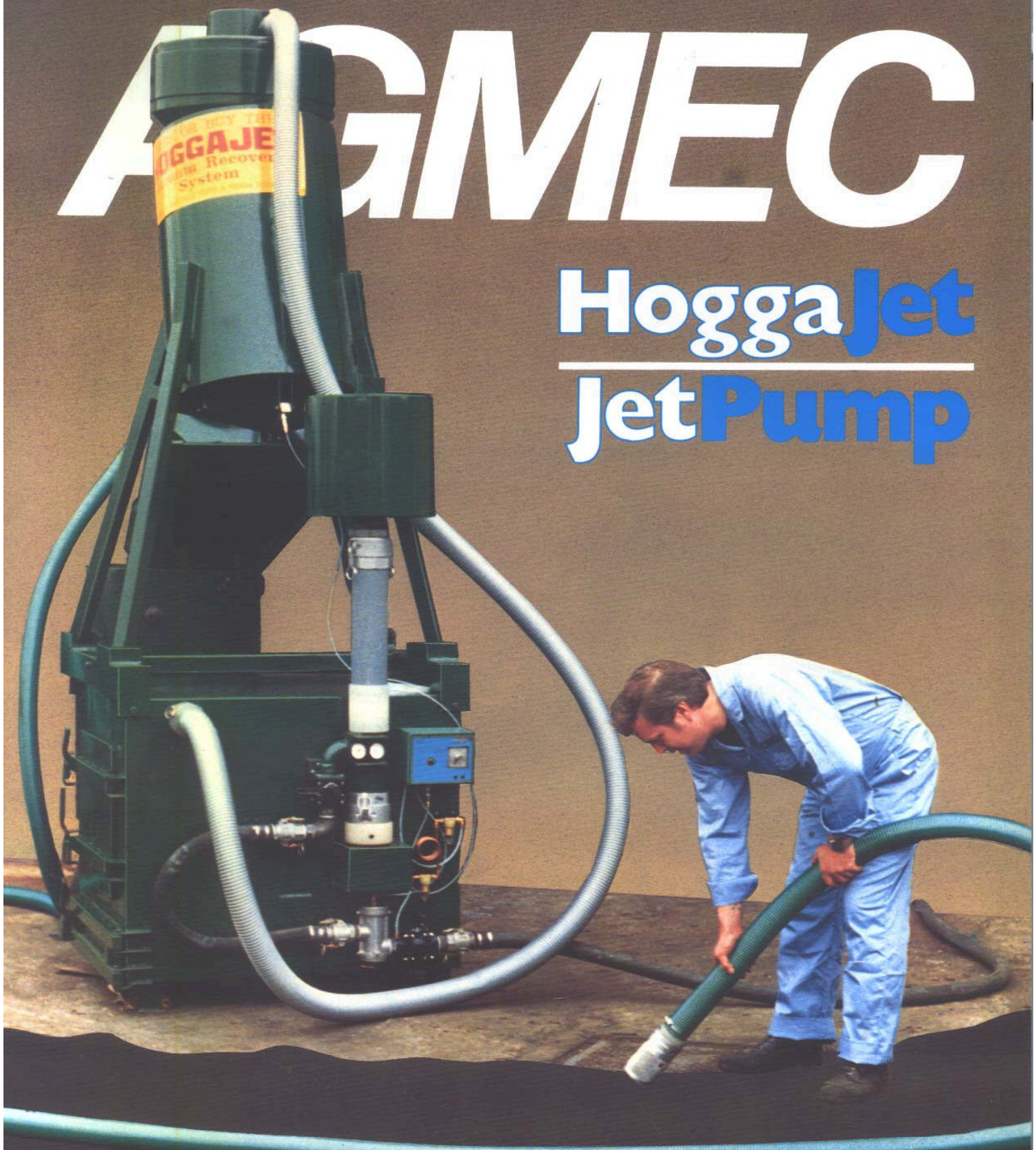


AGMEC

HoggaJet JetPump



**VACUUM
SYSTEMS**

**FOR THE EFFECTIVE RECOVERY
OR CLEARING OF PARTICULATE MATERIALS**

HoggaJet

VACUUM RECOVERY SYSTEM

The AGMEC HoggaJet and JetPump — compact air-operated vacuum systems. Tried and tested over many years in the most arduous situations and found to be efficient, cost effective alternatives for the recovery or removal of particulate materials.

HoggaJet Vacuum Recovery System

This pneumatically operated system is probably the simplest and toughest vacuum recovery system currently available. Incorporating the JetPump as the prime mover, it can produce above 14" Hg of vacuum when connected to an air supply of 250 cfm at 80 psi. At these levels 5-6 ton per hour recovery rates can be attained.

With just two units, a hopper/cyclone and a filter box, the HoggaJet is a flexible and extremely robust system that's easy to use, with the performance of larger, more expensive machines. The system will in fact recover solids up to 50mm (2") in diameter over distances in excess of 100 metres, dependent upon particle size, type of material, volume and pressure of air supply.

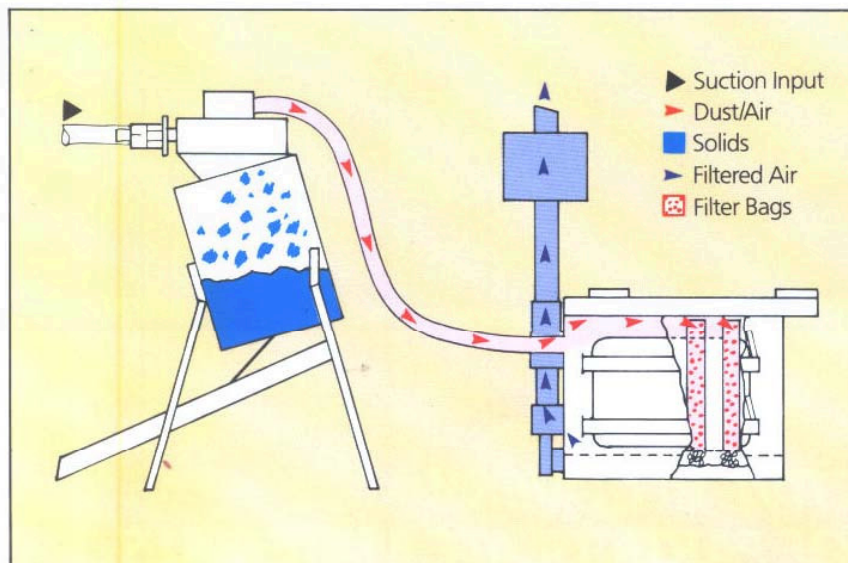
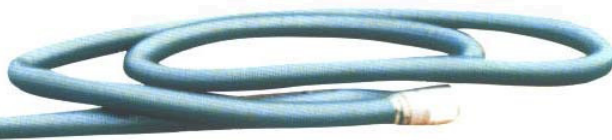
Maintenance and operator attention is reduced to a minimum, as the HoggaJet has only one moving part. With no electrical power required, there's no risk of fire or explosion, particularly important in inflammable areas.

The system conforms to all Health and Safety at Work Acts, particularly in respect of the low noise levels — 83db at 2 metres.

Method of Operation

All material is recovered through the gulper suction head and is drawn via the rubber lined hose into the Cyclone. The vortex created separates the very fine dusts from the heavier particles which fall, under gravity, into the hopper. A dump valve on the hopper is operated by an adjustable timer which can be set to suit the rate of recovery.

Any remaining dust travels along the flexible intermediate hose to the filter box. Inside the box the 18 filter socks collect the dust as the airstream passes through. Clean air is discharged through the JetPump and silencer to atmosphere. The filter socks are automatically cleaned each time the machine stops by reverse pulsing into the dust compartment situated at the bottom of the filter box.



TECHNICAL SPECIFICATION

Power Source	Compressed air — 250 cfm at 100 psi.
Suction Hose	2½" i.d. (max. 4" i.d.)
Recovery Rate	5-6 tons/hour (dependent on media)
Dimensions	Filter Box: 79" x 53" x 52" Hopper/Cyclone: 86" overall height x 43" x 37"
Weight	Complete System: 540kg
Filtration	Cyclone and 18 durable fibre dust filter socks (epitropic available)
Noise Level	83 dba at 2 metres

JetPump

CLEANING AND REMOVAL SYSTEM

The JetPump is a robust, compact, highly efficient pneumatic eductor, designed to work on clean-up operations.

Capable of handling material sizes up to 10 mm, with a transfer rate of up to 3 tons per hour depending on air supply and media.

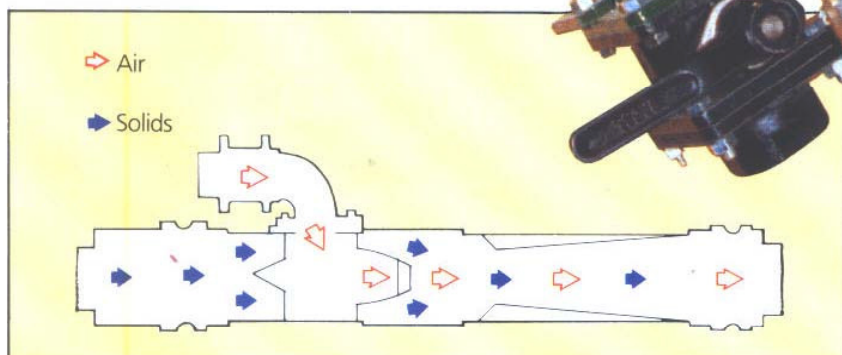
Maximum solids handling capacity is obtained using our unique aerofoil lift action and direct through-flow design.

The replaceable liner ensures that most abrasive materials can be handled without encountering the wear problems of more complicated machines.



POWERFUL FEATURES

- Only form of power required — 250 cfm of air at 80 psi minimum.
- Portable — weighs only 32kg.
- Effective — recovers loose solids up to 10mm diameter over distances of 30m.
- Safe — no moving parts.
- Low capital and maintenance costs.
- Simple to operate.
- Versatile — wide range of dry materials handled.



A wide range of uses

The AGMEC vacuum system can recover or transfer numerous kinds of loose solids, for instance:

Casting Sand — Blasting Abrasives — Plastic Granules — Powders —
Grain — Soda Ash — Cullet — Mill Scale — Grit — Solid Fuels —
Acrylic Beads — Sand — Styrene Pellets — Wheat — Gravel.

