

MODQUIP

A division of Mechanical Equipment Group (MEG), ModQuip produces in-house custom bulk material's handling solutions, assembled from locally stocked components for immediate delivery.

The innovation of the ModQuip brand comes from our unique design that allows for easy assembly, which can be done with basic tools – no welding or special equipment required.

This solution delivers increased productivity and unmatched durability for heavy industries.



Quick & Easy Cleaning

High Metering Accuracy

Maintenance-Free
Vibration Discharge

MODQUIP

 Loss In Weight Systems

Mechanical Equipment Group (MEG) was created in 2015 to bring together our family of companies; Chain & Drives, Inquip, Automation & Control, Tank Enviro and Partsbook.

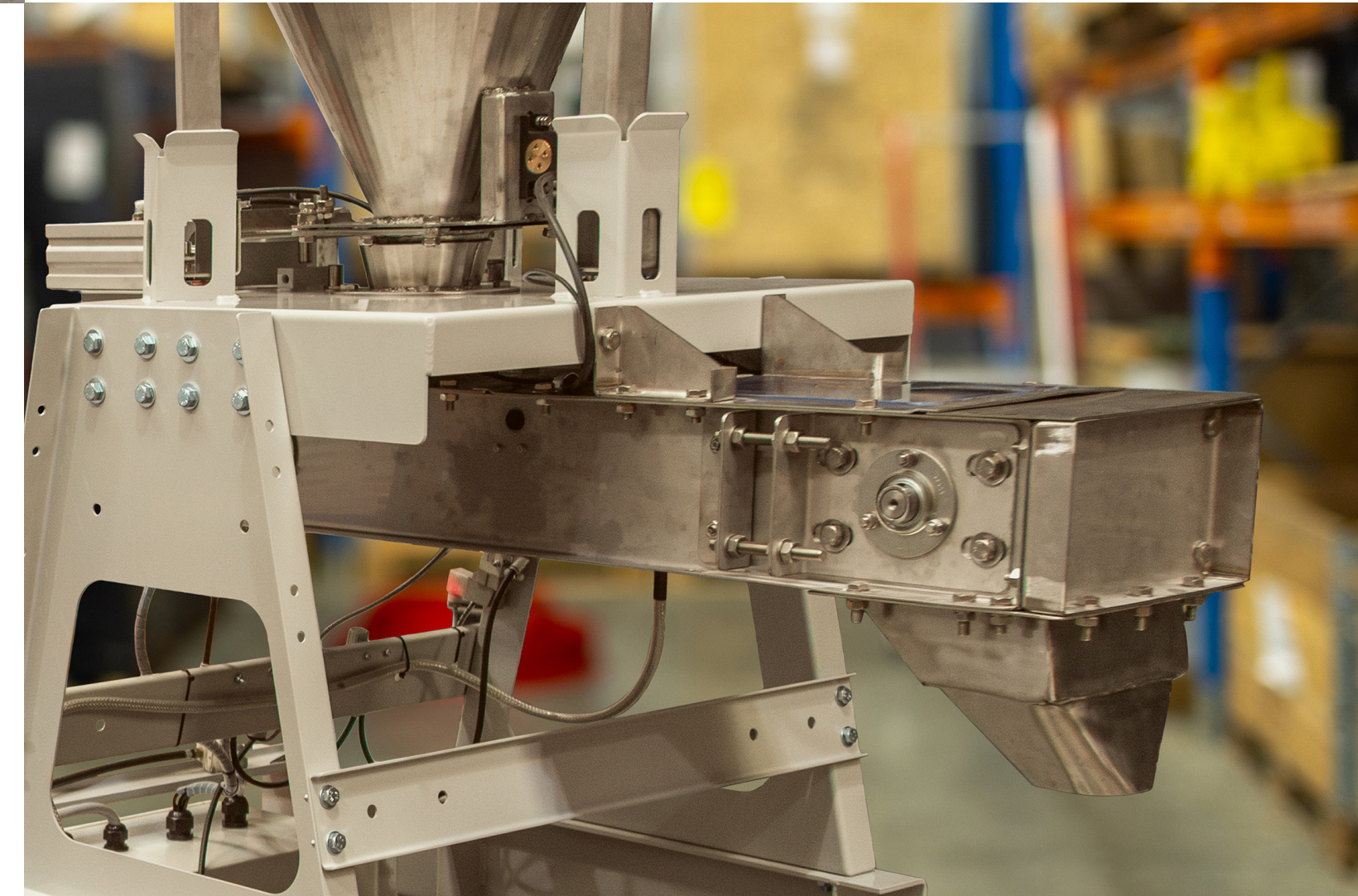
MEG works together to support businesses by offering the complete solution in mechanical equipment, power transmission and engineering services across all industries.

MODQUIP

Engineered Solutions.
Endless Possibilities.

modquip.com.au

support@modquip.com.au



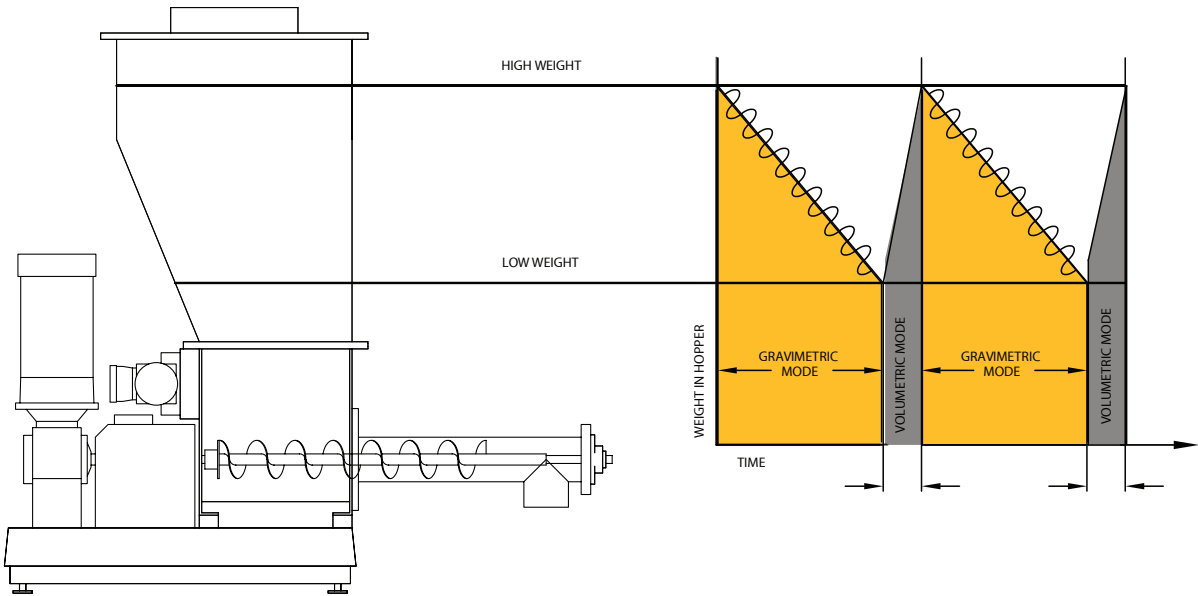
Loss In Weight Systems

ModQuip's Loss-In-Weight (LIW) Systems are suitable for both small to medium feeding ranges, and offer extreme precision and flexibility in the bulk handling of solid and liquid materials.

How It Works

ModQuip's Loss-In-Weight System uses a hopper or tank, a feeder or pump, scales, and a smart controller that measures only the material weight by ignoring the hopper's tare. The operator sets the desired feed rate, and as material flows out, the controller monitors the weight loss and adjusts the feeder speed to keep the flow steady and accurate.

When the material gets low, the system automatically refills the hopper using volumetric control, then switches back to weight-based feeding. A disturbance mode lets the system handle manual refills or disruptions without stopping the feed process.



Features

- ▶ Continuous real-time controlling and adjustment*
- ▶ Feeding accuracy between 0.5 and 1.0%
- ▶ Compact system with non-stick contact surfaces manufactured from stainless steel
- ▶ Feed hoppers with different volume capacity
- ▶ Batch or Continuous versions available

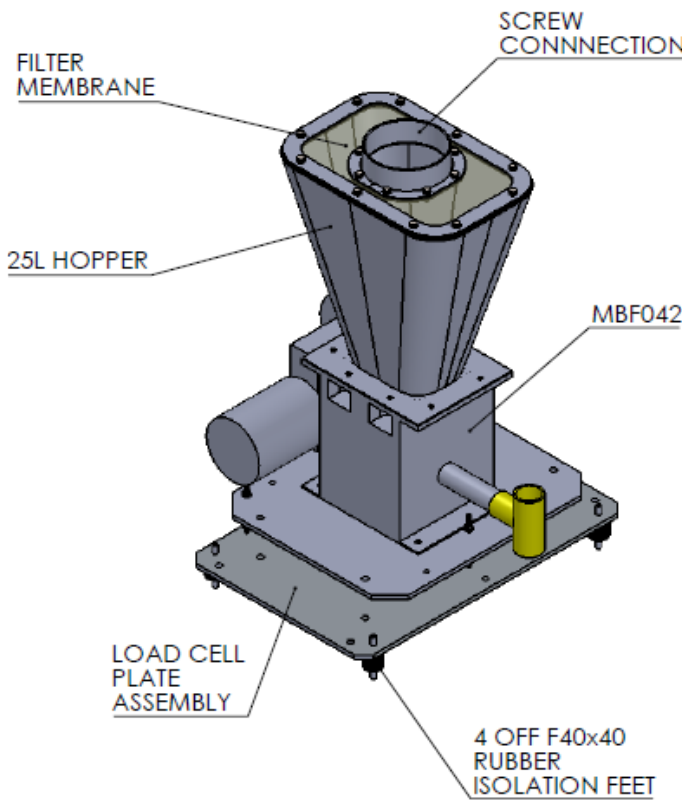
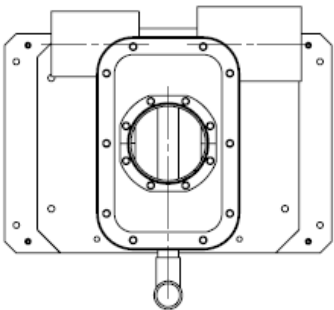
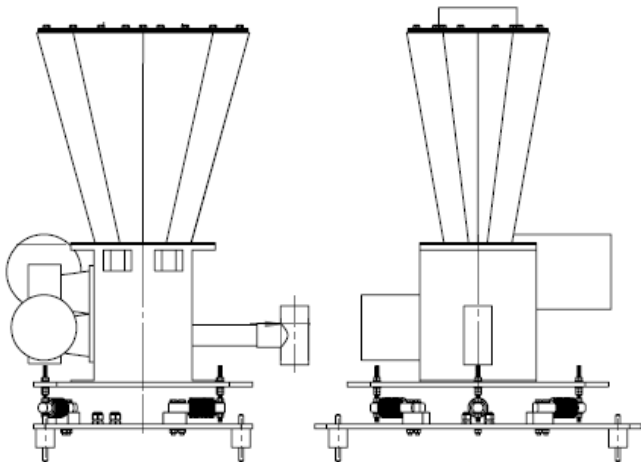
*depending on material flow

Benefits

- ▶ Accuracies of $\pm 0.25\%$ to $\pm 0.5\%$
- ▶ Quick and easy cleaning
- ▶ Maintenance-free vibration discharge
- ▶ Volumetric and gravimetric gentle weighing
- ▶ High metering accuracy

Applications

- ▶ Cement production
- ▶ Plastics processing
- ▶ Flour milling
- ▶ Chemicals
- ▶ Ceramics
- ▶ Feed and foods



Need Help Configuring Your System?

Speak with our team to customise your ModQuip Loss In Weight for your material type, throughput and installation requirements.

