

Core Capability Statement

About Inquip

Established in 2008 as part of the Mechanical Equipment Group (MEG), Inquip is a privately owned Australian company head-quartered in Wangara, Western Australia.

We have built a strong reputation for quality, reliability and technical expertise, partnering with clients to deliver engineered, purpose-built and cost-effective solutions.

Backed by in-house technical support and 3D modelling capability, we work closely with our national and international supply partners to develop equipment and design-based solutions tailored to project requirements.

- ▶ Mining & Processing
- ▶ Bulk Materials Handling & Storage
- ▶ Building Materials & Concrete Consolidation
- ▶ Conveying Equipment
- ▶ Backfill Paste Plants
- ▶ Weighing & Dosing



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Our key projects showcase Inquip's ability to deliver tailored materials handling solutions that combine engineering expertise with reliable performance, utilising the Inquip engineering support process.

Cement Plant Relocation Equipment

When a major Cement Supplier relocated Inquip worked with site and subcontract engineers to develop;

- ▶ Compact Blending Plant – utilising Pivoted Weigh Screw to feed materials from 4 silos to reach the bagging plant – pre-blended to match require recipe.
- ▶ Silo Blender and Tanker Out Loading Station – Pivoted Weigh Screws were employed to blend material either into storage silos or directly into road going tankers via Loading Bellows.



Abrasive Minerals Storage & Conveying

Working with a major EPCM Inquip provided design and supply assistance to load 9 silos via 14 bucket elevators and discharge via multiple slide gates onto a 45m reversing conveyor to feed bagging or bulk loading stations.

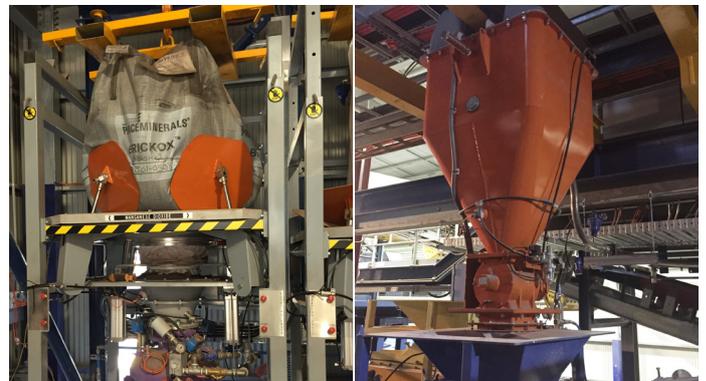
- ▶ 9 x 125m³ silos
- ▶ 14 x Bucket Elevators up to 25m height
- ▶ 45m reversing conveyor with centre drive



Brick Manufacturing - Dosing & Feeding Plant

A brick plant upgrade required a station for 3 x FIBCs to be located under a low mezzanine. Via dense phase transfer the different materials were transferred to the dedicated processing sections including 1 x Loss In Weight to distribute at high accuracy + 1 x screw feed + 1 x drizzle feed. Inquip provided:

- ▶ Mechanical design
- ▶ Installation assistance
- ▶ Electrical control
- ▶ Commissioning
- ▶ All equipment



Potash Project

A 5m³ Front-End Loader (FEL)–filled hopper was fitted with a Belt Weigh Feeder to extract, weigh and transfer potash onto an inclined conveyor for truck loading.

The control system adjusted feeder speed to accurately control and record discharge.



Minerals Outloading Belt Weigher

A mineral processing plant planned to repurpose a spare conveyor as a feeder to a weighing system, but structural modifications would have been extensive. Following our site visit, we redesigned the system using a screw feeder and a compact Modquip belt weigher, eliminating major structural works and the need for an additional weighing unit—saving both time and money.



Specialities



Our specialities cover core equipment and systems for bulk handling and processing, from precision dosing and weighing through to conveying, storage, bagging and mixing.

Industrial Mixers

Heavy-duty mixers for continuous or batch processing, designed for precise blending, consistent product quality and high-throughput operation. Configurable for powders, granules, or bulk materials, with options for integrated feeding, discharge and control systems.



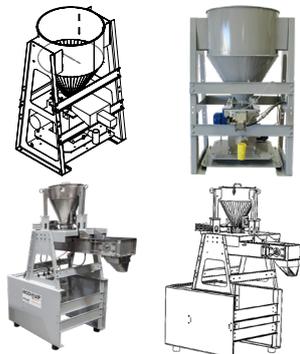
Pivoted Weigh Screws

Screw conveyors adapted to operate as weighing instruments, complete with control systems to maintain and totalise feed rates. Applications range from simple weight totalisers to blending systems, ensuring multiple screws deliver precise material rates to meet process demands.



Loss-in-Weight & Batching

Standalone or fully integrated systems for precise material dosing. Using Micro Batch Feeders, Belt Feeders, or Rotary Valve Discharge to achieve specified feed rates. These systems ensure accuracy, consistency and full control.



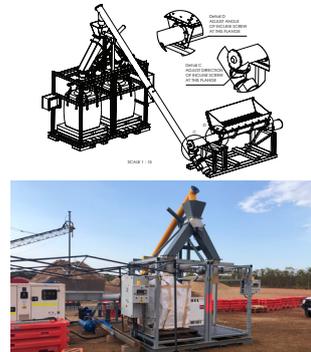
Silos & Bulk Handling

Bulk storage silos with ancillary and discharge equipment, plus filling options such as dense phase systems or bucket elevators. Built for durability and efficiency, these systems ensure reliable bulk material storage and transfer.



Bagging (FIBC Systems)

Flexible bagging solutions ranging from single-station fillers with accurate weight cut-off and auto-correction, to twin systems with semi-continuous loading for high-rate. Systems are designed for reliability, operator safety and consistent performance.



Dust Collectors

Inquip's range of dust collectors are suited to simple silo top mounted units for tanker pressure venting to dedicated fan mounted units to de dust systems including hoppers, FEL loading, conveyor transfers and negative pressure materials handling systems.



Products

Our equipment range can assist with almost any project, with technical support, design assistance, equipment supply and spares from our local stock.



Screw Conveyors



Rotary Valves



Dust Collectors



Bin Activators



Micro-Batch Feeders



Industrial Motovibrators



Slide Gate Valves



Pneumatic Vibrators

Need more information about Inquip products and solutions?
Get in touch.

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