

Screening, Engineered for Reliability

Who We Are

Simaflex Engineering is a Perth-based company specialising in **spray systems**, **screening equipment**, and **chute solutions**.

We help clients improve **plant availability**, reduce **moisture** and **material binding**, and deliver more **consistent throughput** — all while lowering **freight costs** by **reducing excess water weight** in shipped ore, improving **effective utilisation** of vessel **deadweight tonnage (DWT)**.

Backed by real **site experience** and a fast, agile approach, we take projects from **problem statement** to **concept** in **weeks - not months**.

Upfront Concepts No Springs

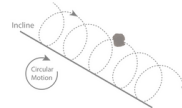
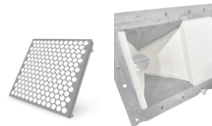
At Simaflex, every project starts with a **complimentary* engineering consultation** and **concept design** — because we believe a solution should be proven before it's purchased.

Simply provide your **equipment specifications**, **technical drawings** or **3D model**, and we'll develop a tailored screening solution — built around your site needs.

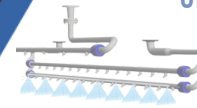
This upfront, **complimentary*** service reflects our **practical approach**, our **site-driven mindset**, and our commitment to **delivering measurable results** before you commit.

Why Clients Choose Us

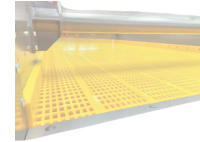
- ✓ **Nimble**
Fast design and proposal turnaround. We cut through red tape and get things done in weeks - not months.
- ✓ **Reliability = Availability**
Designed to withstand tough conditions and perform consistently from one shutdown to the next.
- ✓ **Support Focused**
We stay engaged beyond delivery to validate performance and drive continuous improvement through lessons learnt.



Core Capabilities



- 01 Spray Systems**
Designed for screen decks, chutes, and conveyors to suit dust suppression, fines washdown, or lump screening.



- 02 Wet Screening Panels**
High-Performance Polymers — engineered for vibrating screen decks with custom apertures and configurations to suit your screening needs.



- 05 Heavy Duty Coil Springs**
Designed for vibrating screen, isolation frames, load bearing, and shock absorption.

- 03 Dry Screening Panels**
Heavy Duty Screen Cassettes for dry ore screening. Custom apertures and materials to suit deck layout and feed conditions.

- 04 Chute & Wear Systems**
Custom liners and chute designs to control flow and extend wear life in high-impact zones.

- 06 Screen Flow**
Engineered diverters, deflectors, and velocity curtains to optimise material flow across screen decks.

Proven Impact

A major site was facing excessive wear and blockages on its grizzly screens, causing material hang-ups, oversize carry back, and frequent interventions.

Simaflex Engineering delivered a modular grizzly retrofit solution with redesigned bar spacing, wear-resistant components, and integrated spray bars for fines knockdown.

Results: 30% reduction in oversize events, Improved flow of lump ore onto downstream conveyors, Reduced manual clearing → safer operations and increased availability

