FLOW FORCE Technologies Pty Ltd

# FLOW FORCE SERIES 3

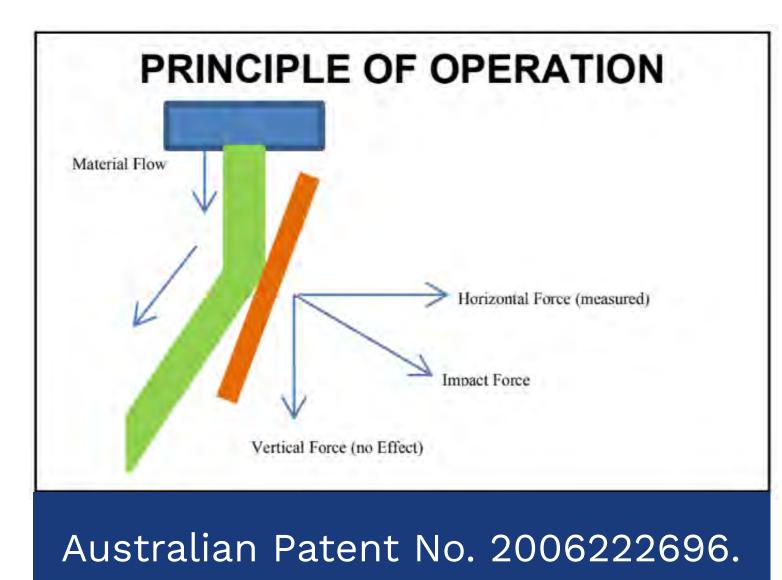


## MAGNE//FLOTM

### Impact Weigher For Hazardous Materials

The Flow Force Technologies MAGNE//FLOTM Impact Weigher is a unique device for measuring the mass flow rate of flowing bulk solids and powders. It is a relatively simple, compact and accurate mass flow meter based on an innovative use of magnetic techniques that allows hazardous materials and food products to be metered and cleaning-inplace to be carried out without fear of damaging the sensor.

The Series 3 MAGNE//FLOTM is designed for gravity feed applications operating at low, medium or high mass flow rates where a constant fall height is available. A built in check weigh feature ensures that calibration with actual material is only needed at time of initial commissioning.



Specification Sheet available at http://flowforce.com.au/impact\_weighers/

The Series 3 style has a number of different configurations (3A, 3B, 3C & 3D) to accommodate different types of feed chutes.

The MAGNE//FLOTM XR-1 Controller tracks and records the number of batches weighed, the maximum, minimum and average flow rates and the total weight.

The unit is supplied as a complete system ready for use after connecting electrical power.

The unit is extremely rugged in construction and does not require any routine maintenance or mechanical adjustment.

## FEATURES

- Work with High Process Temperatures

- Over-load
- Material Build-up
- Cleaning-in-place

- On Site Calibration

- Suitable For Use Materials with Hazardous
- Non-Contact Force Sensor.
- Check Weight Supplied
- **Tolerant to:**
- Operator-friendly Keypad.
- **Local Or Remote Mode.**
- Customised As Needed.
- Local Manufacture.
- ✓ Accuracy +/- 1%

# CONFIGURATIONS:

## Series 3 Method of Feed

- Screw Feeder
- Slow Speed Conveyor
- Air Slide or Vibratory Feeder

## MECHANICAL DATA:

Inlet/outlet flanges:	To customer specification from 50 – 150mm
Dimensions:	According to application
Anti-wear material:	Bisalloy; Stainless steel.
Construction Materials:	Stainless Steel or MS Painted
Flow Range:	1 kg/h to 1,000 tonnes/hr

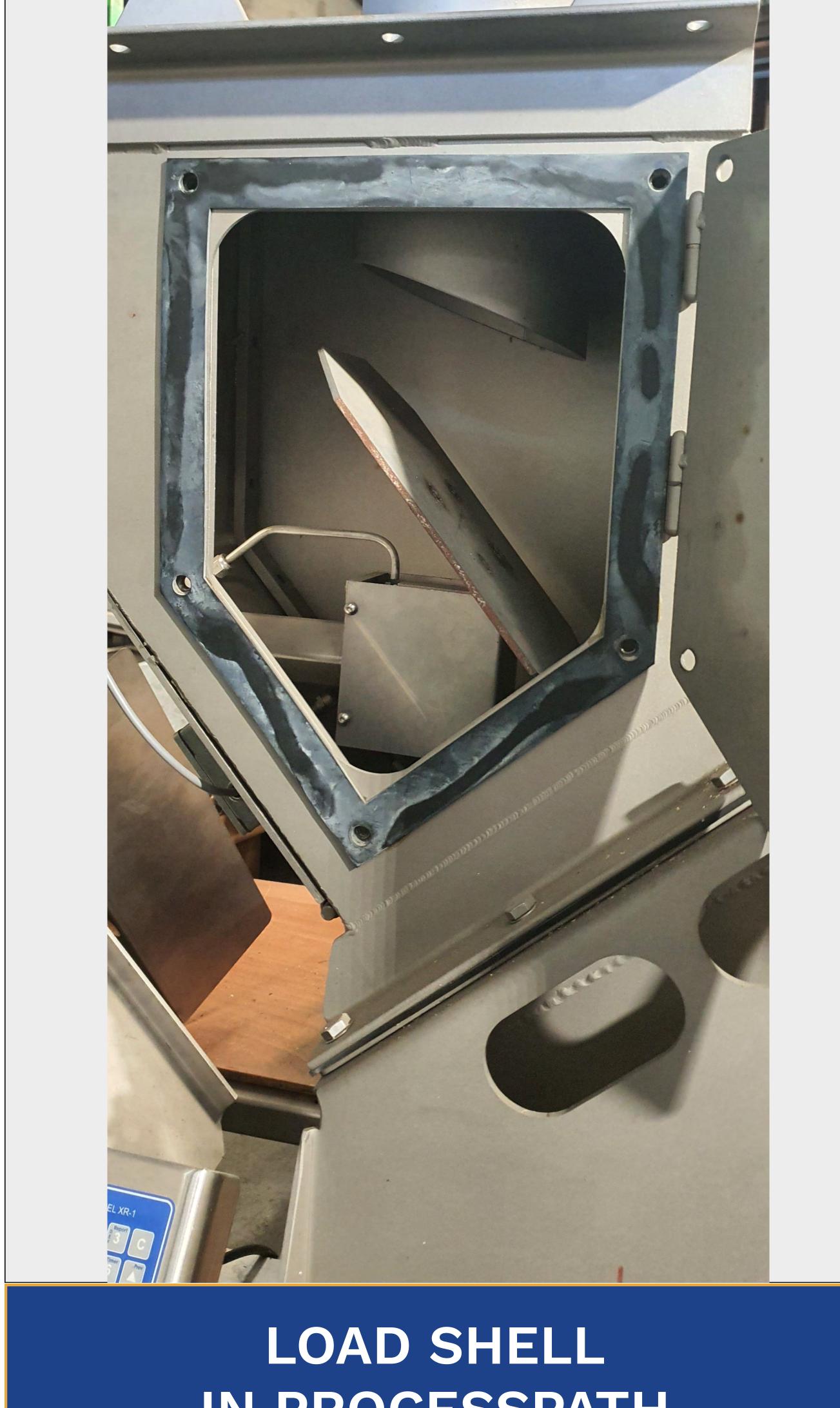


### **APPLICATIONS:**

Grain & Fodder

- Alumina
- Cement
- Mineral sands (V) Sugar





IN PROCESSPATH.



EXTERNAL LOAD CELL MAGNETICALLY COUPLED.















Local Agent:





Coal









