

# ADM 4400 Series

## Batching & Control Solutions

Prewired, configured ready for installation



## Features

### ***In a Configuration To Suit You***

Four versions: Basic, Standard, Intelligent & Custom

### ***Quality You Can Rely On***

Australian made - 12 Months Warranty

### ***Robust Construction***

Industrial metal painted enclosure IP56

### ***Renowned A&D Safety***

Operator controls are spring return off for safety

### ***Various Languages Available***

English, Indonesian, Malaysian and Arabic

### ***Room To Upgrade***

Enclosure has provision for future expansion

### ***With Component Diagrams***

Diagram of circuit and wiring connections

### ***Quality Electrical Components***

250VAC 10A Contacts, Spare double contacts

### ***Various Sizes Available***

Sizes from: 400h x 300w x 210d (mm)

### ***Strong, Yet Light***

Total weight 9.8Kg (11.5Kg Packed)

***Simple, Flexible and Intelligent***

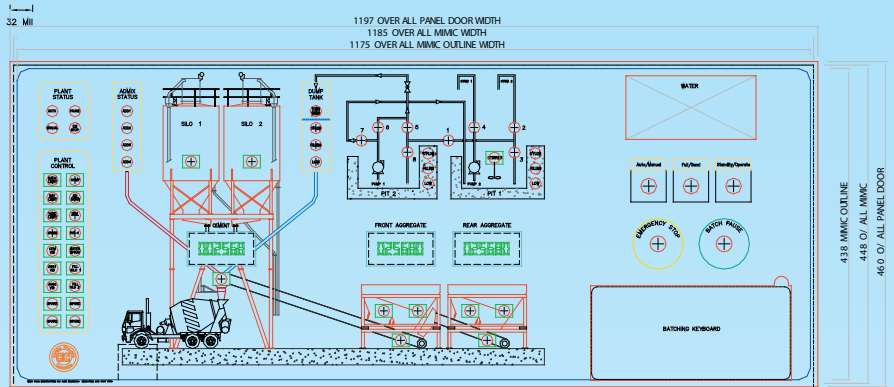
**AND** ...Clearly a Better Value  
A&D MERCURY PTY. LTD.

<http://www.andmercury.com.au>



# Applications

- ▶ Concrete and Asphalt Batch Plants
  - ▶ Fertiliser Blending Plants
  - ▶ Plastics and Rubber Mixing Plants
  - ▶ Stock Feed and Flour Milling
  - ▶ Chemical and Food Manufacturing
- ... and many other industries.



## Basic AD4406

- ▶ Setpoint product target
- ▶ Dual speed (fast & slow) feeding control
- ▶ Auto re-start (zero band)
- ▶ **NEW** - Remote control RF 433MHz to 350 metres



## Standard AD4401

- ▶ High speed (100) batch control
- ▶ Setpoint product target
- ▶ Three speed (fast, medium, slow) feed control
- ▶ Auto tare



- ▶ Auto re-start (zero band)
- ▶ Automatic batch accumulation (weight or count)
- ▶ Discharge start & time control
- ▶ **NEW** - Remote control RF 433MHz to 350 metres



## Intelligent AD4402

- ▶ High speed (100) batch control
- ▶ Multi-ingredient recipe batching
- ▶ 10 ingredients - expandable to 20
- ▶ 100 recipes storage
- ▶ Three speed (fast, medium, slow) feed control

- ▶ Fuzzy logic, automatic inflight compensation
- ▶ Full alpha-numeric operator display
- ▶ Graphic status of batch functions
- ▶ Nozzle control for drum filling
- ▶ Fieldbus networking: Modbus, Profibus, DeviceNet, CC-Link
- ▶ **NEW** - Remote control RF 433MHz to 350 metres

# Options

- ▶ **Enclosures:** Stainless and Metal painted to IP65
- ▶ **Consoles:** Pedestal and Desk versions
- ▶ **Remotes:** Red LED and Yellow Digits

- ▶ **Loadcells:** Tension, Compression and Shearbeam
- ▶ **Wireless:** Bi-directional Serial communications
- ▶ **Printers:** Label, Ticket and Strip Printers



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A&D MERCURY PTY. LTD.  
ACN 007 556 809

Head Office  
32 Dew Street  
THEBARTON  
South Australia 5031  
Telephone (08) 8301 8100  
Facsimile (08) 8352 7409

Victorian Office  
Unit 4, 313 Arden Street  
KENSINGTON  
Victoria 3031  
Telephone (03) 9372 1522  
Facsimile (03) 9372 1193

New South Wales Office  
Unit 4, 14 Abbott Road  
SEVEN HILLS  
New South Wales 2147  
Telephone (02) 9674 5466  
Facsimile (02) 9674 2544

Email: [salesinquiry@andmercury.com.au](mailto:salesinquiry@andmercury.com.au)  
Internet page: <http://www.andmercury.com.au>

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