MOTOR SPECIFICATIONS

- **Power class:** 23~310W
- **Excitation force:** 20-350Kg
- **Protection class:** IP65
- **Insulation grade:** F
- **Cooling mode:** 1C410
- **Duty:** Continuous Operation.

CONTROLLER SPECIFICATIONS

- **MCU based sequencing of the individual motors and system safety control.**
- **Soft Start features**
- **Energy monitoring and remote control features.**

UNBALANCED MOTORS HOPPER DISCHARGE SYSTEM

KEY FEATURES

Energy Efficient Design :
Ensures minimal power consumption for cost-effective operation.

Prominent Parameters Auto Tracking:
Automatically tracks key operational parameters for optimal performance.

Informative Function Lamps & Controls:
Clear indicators and controls provide comprehensive status information.

Microcontroller Sequencing & Auto On/Off Cycling:
Advanced microcontroller manages the sequence of operations and auto on/off cycles.

Highly Effective Bulk Dislodging :
Efficiently dislodges bulk materials for smooth operation.

Easy Operation & Maintenance:
User-friendly design for straightforward operation and maintenance.

Dual Amplitude Control:
Provides precise amplitude control for smooth and effective operation.

APS Technology

APS TECHNOLOGY

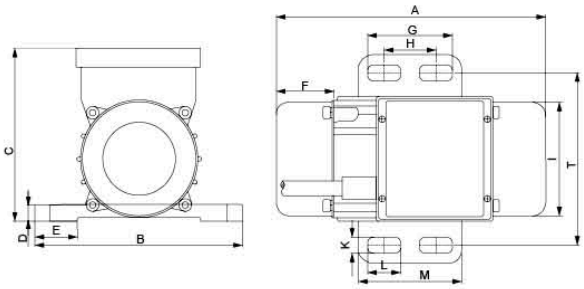
APS Technology Australia Pty Ltd,
Epping NSW, Australia

info@aps-technology.com.au

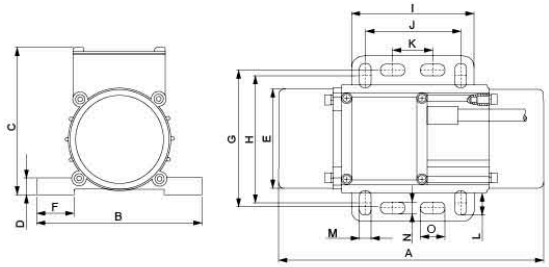
www.aps-technology.com.au

APPLICATIONS

- **Vibratory Feeders**: Controls material flow, prevents blockages.
- **Vibrating Screens**: Sorts and separates materials efficiently.
- **Vibratory Conveyors**: Smooth material transport, reduces spillage.
- **Vibratory Tables**: Compacts materials in containers, reduces voids.
- **Bin and Hopper Dischargers**: Ensures smooth discharge from storage.



Frame 7



Frame 14/14A

UNBALANCED MOTORS BASED DISCHARGE SYSTEM

KEY FEATURES

- **Remote Control & Cloud Control via Mobile with Parameter Setting:** Offers remote operation and monitoring through mobile devices with customizable parameter settings.
- **Data Storage, Analysis & Inferences of Operational Parameters:** Capable of storing operational data for detailed analysis and insights.
- **Solar Operation Possible with Controller (Additional Model):** An additional model is available for solar-powered operation.
- **Operational Economy Saving Running Cost:** Designed to be cost-effective, reducing operational expenses.
- **Single Phase, 50Hz Design & Operation:** Standard single-phase 50Hz electrical design for compatibility and ease of use.