

Vending Hub

Specification Overview



Purpose

SFI's innovative Vending Hubs increase efficiency and reduce downtime through the smart distribution of everyday consumables, personal protective equipment and common industrial supplies. The Vending Hub allows you to effortlessly manage, track, and control access to consumables, tools, and safety equipment with the click of a button.

The Automated Vending Hub is easy to manage, cost effective, and provides the flexibility you need for accurate reporting and distribution.

Manufacturer

SFI Australia

Category

Industrial Supplies and Consumables

Powered by **Monitor** ⚡

- User Access Control
- Guaranteed Security of Supply
- Advanced Reporting



Vending Hub Storage Trays

The storage trays are a versatile storage designed for storing the components inside the Vending Hub. The storage trays are 100% Australian made and made from strong, durable, virgin grade material. Each tray features divider slots and are perfect for storing components and bulky parts.

Small Storage Tray

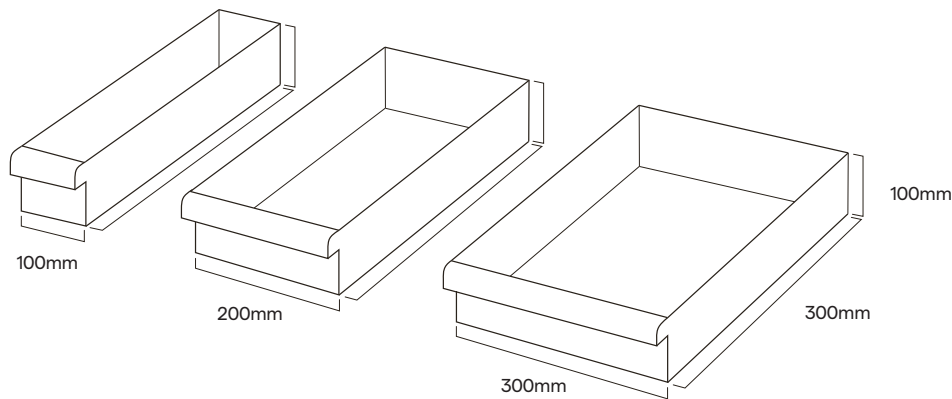
- Weight: 0.29 kg
- Max Weight: 5kg

Medium Storage Tray

- Weight: 0.46 kg
- Max Weight: 8kg

Large Storage Tray

- Weight: TBC
- Max Weight: 25kg



Product Name	Model Number	Description	Notes
Vending Hub (Master)	AVH-M1	Master vending solution scalable with secondary slave units (AVH-S1).	Single door, 10 or 20 bin configuration.
Vending Hub (Secondary)	AVH-S1	Additional capacity scalable secondary units that connect with a master (AVH-M1)	Single door, 10 or 20 bin configuration.

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Key Features

- Scalable vending solution including modular drawer design for configurable storage options
- Scalable user management
- NFC card access for approved workers
- Real-time inventory tracking and automated restocking alerts
- 4G/LTE, Wi-Fi, and Ethernet connectivity

General Specifications

- Dimensions
 - Height: 1910 mm
 - Width: 800 mm
 - Depth: 920 mm
- Weight
 - Empty ~300 kg (max)
 - Loaded ~550 kg (max)
- Material Finish
 - Material: Powder-coated EG (Electro Galvanized) steel
 - Color: RAL9005 (Black), Matt finish
 - Power supply: 110-240V AC, 50/60Hz
- Power consumption
 - Idle: 55W
 - Operating: ~100W (max)

Applications

- Warehouse
 - Fast access to packing materials, PPE, and tools
- Manufacturing facilities
 - Controlled distribution of cutting tools, lubricants, and maintenance supplies
- Mining operations
 - Secure dispensing of safety gear and high-value consumables at remote sites
- Construction projects
 - Point-of-use access to consumables, fasteners, and PPE on large job sites

Construction

- Chassis
 - Robust, modular structural and panel design
- Door
 - Hinged front door with durable handle
- Viewing panel
 - 5mm thickness plexiglass for product visibility
- Internal shelving
 - Five equally spaced slidable shelves using heavy duty drawer runners
- Leveling feet
 - Adjustable feet for stability on uneven surfaces
- Degree of protection
 - IP64

Power Input

- Network connectivity
 - Internet access via 4G/LTE, Wi-Fi, and Ethernet
- Restocking
 - Restocking via Monitor LMS: vending access software

Electrical & Lighting

- Internal lighting
 - Energy-efficient LED strip lighting at sides for clear product display
- Wiring
 - Internally routed and protected wiring harness
- Circuit protection
 - Over current and short-circuit protection

Environmental Considerations

- Energy efficiency
 - Low power consumption (100W max)
- Indoor and semi-outdoor use (IP64)

Security Features

- Mechanical and electronic locking mechanism
- NFC card based access system, manual override key for service level accessibility

Warranty & Support

- Standard warranty
 - 12 months parts and labour
- Support
 - Business hours

Compliance & Certifications

- CE, RCM, and ISO 9001:2015 certified
- Meets Australian electrical safety and EMC requirements
- Data management compliant with ISO 27001 principles