

# Amtech IFHS I

INTELLIGENT FUJI HEAD STORAGE



Amtech®

**SMART AND SAFE**  
STORAGE OF **FUJI**  
PLACEMENT **HEADS**  
IN ONE PLACE



Evidence of **all stored heads** status  
Safely stored **in one place**  
**Heads** constantly under **power**  
**Secured** by 3-level login **system**  
**Modular** solution  
**MES** connection

# Amtech IFHS I

## INTELLIGENT FUJI HEAD STORAGE

### Main features

#### Innovative Storage Solution for FUJI Heads

The Intelligent Fuji Head Storage (IFHS) cabinet is designed to securely store up to 14 high-speed FUJI placement heads. The modular system consists of a master and slave cabinet configuration, allowing flexible expansion. Each cabinet is divided into three sectors, providing space for FUJI heads, empty head cases, and an electrical cabinet. This solution ensures that your FUJI heads are always organized, protected, and easily accessible in a controlled way.

#### Advanced Protection and Security

The IFHS cabinet features a robust three-level login system, including RFID and barcode readers, to ensure that only authorized personnel can access stored heads. Each head is locked individually within the cabinet, and a color-coded display system informs users of head status, making sure that only operational heads are withdrawn. The system logs all operations, providing a full audit trail for enhanced security and traceability.

#### Constant Power and Seamless for Installation

All stored FUJI heads remain constantly powered to prevent battery discharge, ensuring they are always ready for use. The cabinet seamlessly integrates with MES systems, providing real-time status updates for each head, along with details such as serial number, type, and location. The system also supports external database access, allowing for centralized control and monitoring.

#### Flexible and Scalable Design

The IFHS cabinet offers a modular and scalable design, making it easy to adapt to the evolving needs of your production environment. Each cabinet is equipped with LED lighting, ensuring optimal visibility during operations, and is divided into separate sectors for the storage of heads, empty cases, and electronic components. The system can be expanded by adding up to two additional slave cabinets, all controlled by a single master unit. This flexibility allows for increased storage capacity without compromising on operational efficiency or security.

### Technical specifications

We can accommodate custom changes to meet specific customer requirements.

Specification	Value
Maximum number of heads per cabinet	14
Maximum number of slave cabinets	2
Dimensions of the device	1930 x 1005 x 600 mm
Weight	400 kg
Power supply	1NPE AC 230 V
Touchscreen	22"
Door locking	Maintained even during power loss
Operation logging	SQL database
Head information	Serial number, type, location, status, text message, insertion date, operator, history
Optional extensions	Multilingual version, RFID access, up to two additional cabinets controlled by the main cabinet



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**AMTECH, spol. s r.o.**

📍 Hradištská 887  
687 08 Buchlovce  
Czech Republic

☎ +420 541 225 215  
✉ amtech@amtech.cz  
🌐 www.amtech.cz