



Investing In A Better Future

# PRODUCT TRAINING

## CRANE BEVMAX REFRESH

Crane is a global leader in the development & manufacture of innovative vending machines. To ensure that we continue to meet our customers expectations, we provide comprehensive professional training for all of our products.

These training programmes, tailored specifically to each machine, ensure engineers are fully conversant with all of the special features of our BevMAX Refresh equipment. This helps increase sales and achieve high first time fixes to increase machine up time and profits.

**BevMAX Refresh training course includes:**

- Machine installation and commissioning
- Machine operation
- Service menu software functions
- Machine fault finding

# CONNECTED TO YOUR WAY OF LIVING



# PRODUCT TRAINING



## COURSE CONTENT

### 1. Machine Installation & Commissioning

- Environment
- Machine leveling
- Removal of transit bracket
- Check X and Y axis alignment
- Check belt tension
- Machine type setup
- Shelf offset setup
- Hookswipe setup
- Testing on free vend and pay vend

### 2. Machine Components

#### Location, function and removal of all parts and assemblies:

Main Door - removal/replacement

Monetary Door - method of removal for installation access

- Pill availability and replacement
- Screen identification and replacement
- Monetary device installation
- Coin reject

Main Control PCB

- Connections
- LED indicators

LED Driver Board

- Connections

Door Lock Replacement

Delivery Port

- Port motor
- Port PCB
- Port Cam
- Product sensor

Cash Box

Power Supply Box components

- Main power switch
- Connectors - power in, fridge power, low voltage connections
- Control - lighting, compressor/condenser fan and evaporator fan
- Environmental PCB
- Lighting system

X-Y Assembly

- Motors
- Home switches
- X/Y Motor PCB

Drive Belts

- Tensioning
- Belt clamps

Picker Cup

- Plunger
- Motor
- Motor cam
- Switches
- Product sensor

Tray

- Importance of cleanliness and lubrication of slide/pusher assembly
- Gate assembly
- Gate drive mechanism

Fridge Assembly

- Basic refrigeration theory
- R290 refrigerant safe working practices
- Compressor start gear
- Condensor fan
- Temperature sensor
- Defrost thermostat

### 3. Service Menu Software Training

**Demonstrate all options and features within the service menu software to include but not limited to:**

Diagnostics

Data Recall

Importance of correct time and date

Language options

Backup/restore

Cloning

Refrigeration settings

Monetary device settings

Pricing

Machine type

Offset values

Special events (timed inhibits, free vends etc)

Lighting options

Library and planogram installation

- Planogram changes
- UPC codes

Space to Sales (STS) setup

Setup of shopping basket

Suggestive selling

Advertisements

Platform movement

Testing of port and picker cup inc. sensors

Multivend discount

Picker dance

### 4. Machine Fault Finding

Incorrect picker position

Failure to pick up or deliver product

Sensor testing

Smart board LED functions

Refrigeration issues

Firmware recovery

