

# MAYHO

Empowering Every Lift

**SERIES**

# MH-iT

**Intelligent Assist  
Lifting Device**

80KG | 200KG | 300KG | 600KG



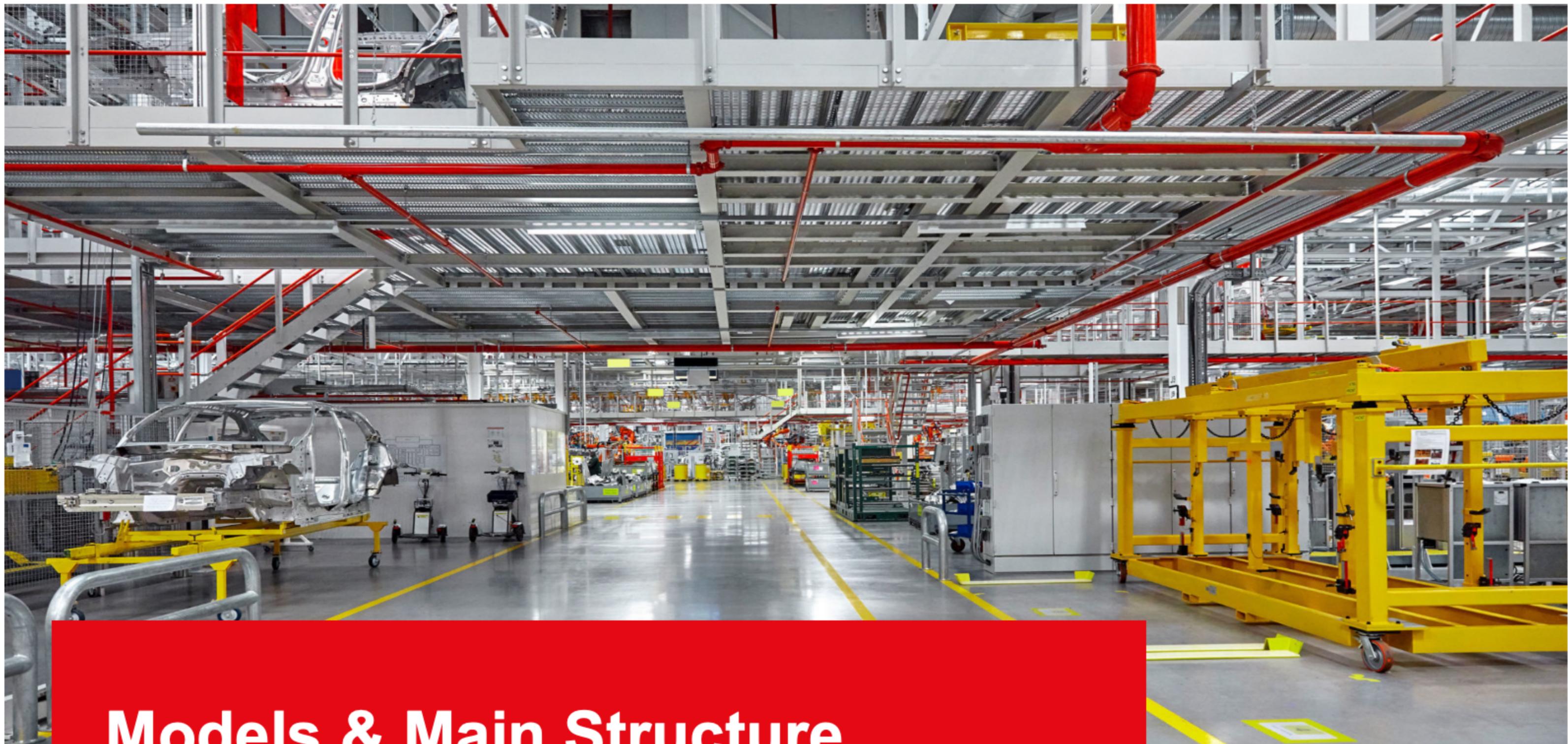
# Lift Like Never Before !

**Precision Lifting, Intelligent Control**

The MH-iT series Intelligent lifting equipment is mainly composed of servo drive, servo motor, reducer, and controlled by microprocessor.

It has strength of easy operation, high precision, intelligence, speed controllable, safe and reliable. It can effectively improve production efficiency and reduce the risk of injury to operators.





## Models & Main Structure



**Main Unit**

Primarily responsible for providing precise control, the necessary lifting power, and signal processing for the equipment.



**Operating Handle**

Users control the lifting and lowering of the equipment through the handle while receiving relevant info via the display screen.

MH-iT80 MH-iT200 MH-iT300 MH-iT600

The MH-iT series offers a versatile range of intelligent lifting solutions.

With models capable of handling loads of 80KG, 200KG, 300KG, and up to 600KG, meeting diverse industrial handling needs.



**Spiral Cable**

Functions as the signal transmission link between the main unit and the handle, transmitting operation signals.

# Smart Features, Real Results

## Next-Level Capabilities

### ■ Auto Hovering

Lift to any height, auto-hover, stays locked even without power.

### ■ Speed Control

Smart lift syncs with operator, speed adjustable.

### ■ Weight Adaptive

Hand-held mode lifts any load without setup.

### ■ Improve Efficiency

Boosts factory efficiency by enhancing worker productivity.

### ■ High-Precision Positioning

Our smart lifting equipment offers 1 mm accuracy, ideal for delicate and fragile loads.

### ■ Anti-Rebound Tech

suspension mode, system prevents overspeed or drop from load changes, reducing injury risks.

### ■ Overload Protection

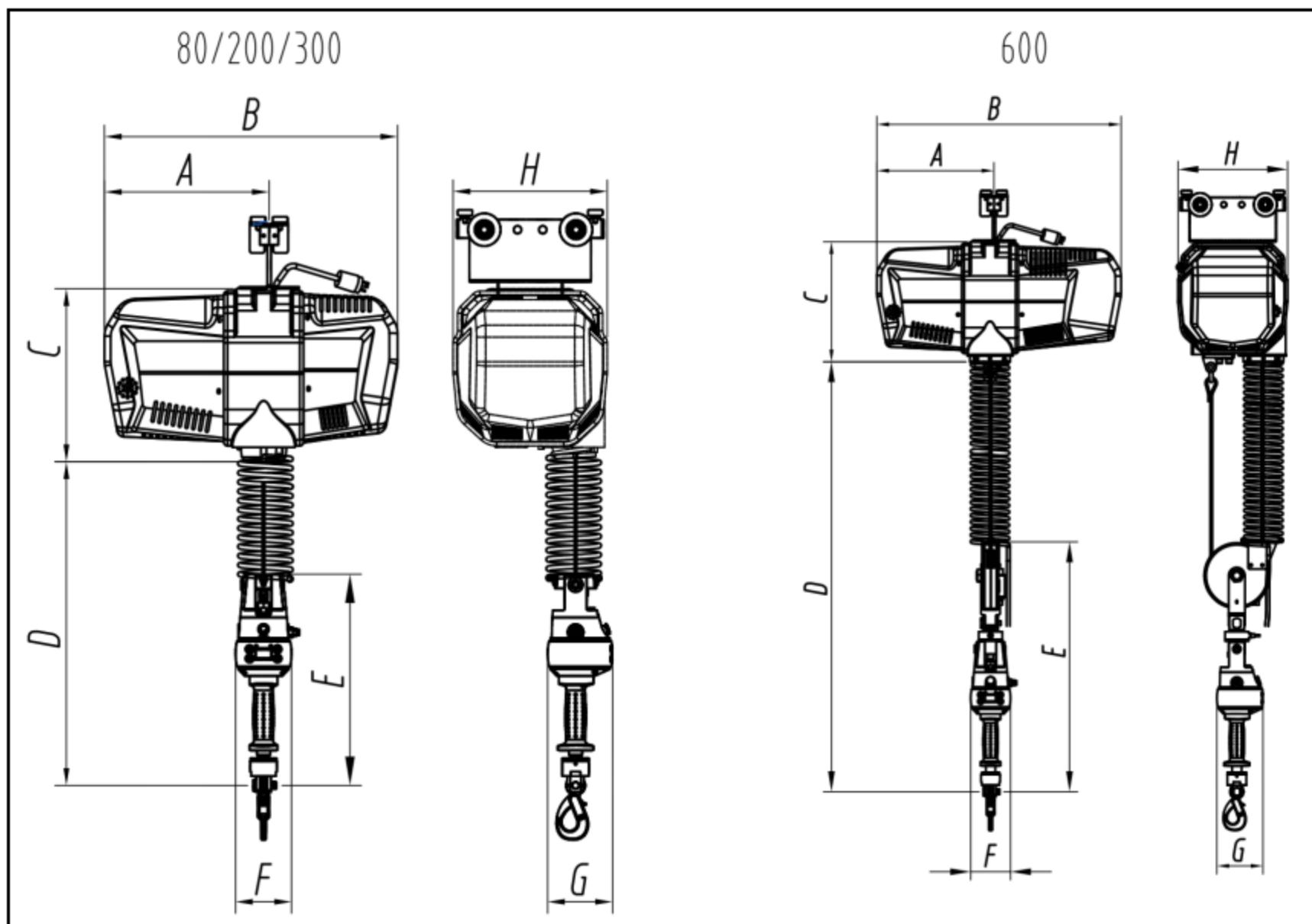
Load sensor detects overload above 110%, auto-protects and stops lifting.

### ■ Safe and Reliable

Our intelligent lifting equipment achieves 1 mm accuracy for safely handling delicate loads.



## Product Dimensions



Size Lifting Weight	80KG	200/300KG	600KG
A	359 mm	289 mm	
B	638 mm	749 mm	669 mm
C	376 mm	369 mm	
D	708 mm	860 mm	
E	458 mm	761 mm	
F	122 mm		
G	142 mm		
H	336 mm		

## Technical Specifications

### MH-iT080 | MH-iT200 | MH-iT300 | MH-iT600

Max Lifting Weight (KG)	80KG	200KG	300KG	600KG
Max Lifting Speed (m/mim)	40	30	15	7.5
Effective Range (m)	3.3	3.3	3.3	1.65
Rated Power	750W	1500W	2000W	2000W
Noise			≤80dB	
Main Power(VAC)		Single-phase 220V ± 10%	Three-phase 220V ± 10%	
Positioning		Mechanical Limit	Software Limit	
Tool Power Supply		24VDC	0.5A	
Control Mode		Server Control (Position Control)		
Lifting Medium		φ5.00mm 19X7	φ6.5mm 19X7	
Operating Environment Temperature Range			-10~60 ° C	
Operating Environment Humidity Range (Non-condensing)			0-93%	
Weight Display Accuracy		± 1% of Lifting Weight		
Cooling Method		Natural wind or forced wind		

# Versatile Control for Every Task

## Handle It Your Way

Our intelligent lifting device is compatible with six different types of operating handles, allowing it to adapt seamlessly to a wide range of application scenarios.



**H360 Remote Sliding / Pressure Handle**

- Built-in sensor prevents misoperation.
- Display screen shows real-time information.
- Slip ring prevents cable tangling.



**Remote Control Handle**

- Button control for fast/slow movement and hover switching.
- Suitable for heavy loads and long travel distances
- Speed and function types are customizable.



**H360 Touch Handle**

- Controls speed and direction with a pressure sensor.
- Customizable handles on both sides.
- Display screen for real-time information.



**H360 Stepless Handle**

- Built-in sensor prevents misoperation.
- Display screen for real-time information.
- Slip ring prevents cable tangling.



**Coaxial Sliding Handle**

- Stepless speed control.
- Display screen for real-time operation data.
- Ideal for confined spaces or remote load handling.



**Coaxial Pressure Handle**

- Built-in sensor prevents misoperation, ensuring safety.
- Display screen shows real-time data and modes.
- Ideal for limited space where operators can't approach the load.



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## Smart Setup, Anywhere You Want

Our intelligent lifting device offers multiple installation options to suit different workspaces and requirements.

Whether it's ceiling-mounted, wall-mounted, or stand-alone, it's designed for easy integration and maximum flexibility. No matter your setup, it fits right in.



Jib Crane



Overhead Rail



Mobile Cantilever Crane



Jib Crane



Monorail

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