



Empowering Every Lift

SERIES

MH-iT

Intelligent Assist Lifting Device

80KG | 200KG | 300KG | 600KG



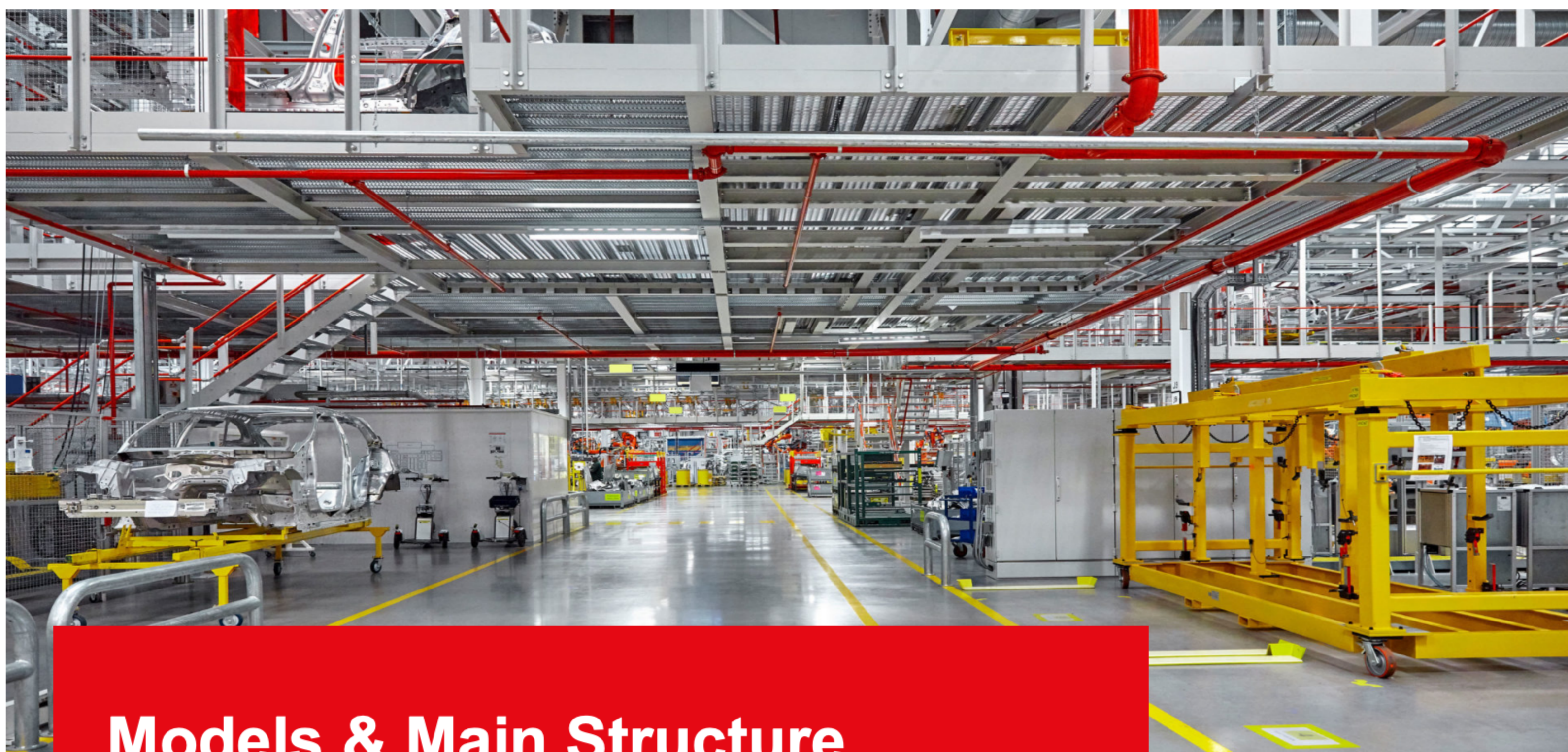
Lift Like Never Before !

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



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.



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.



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

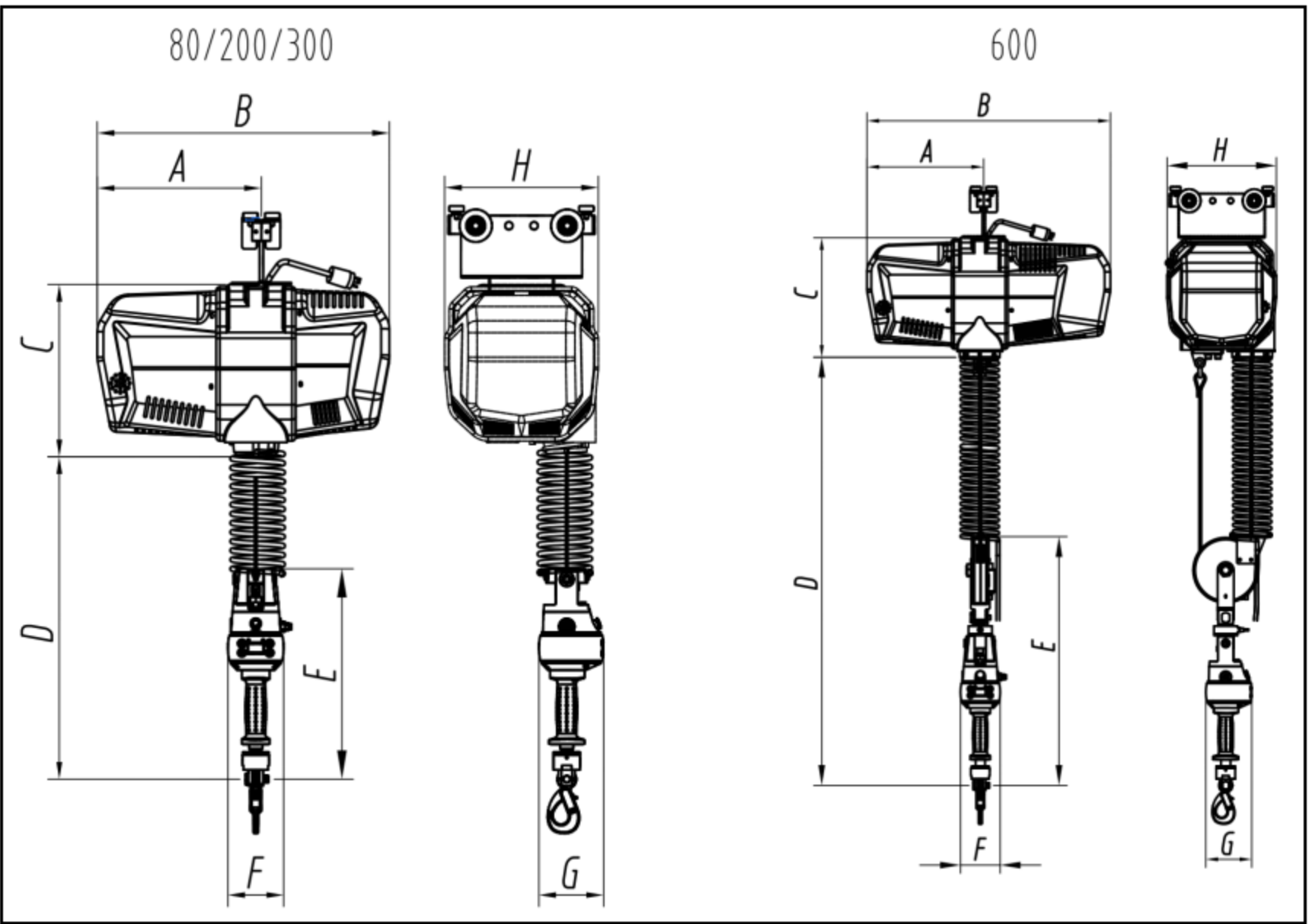
Load sensor detects overload above 110%, auto-protects and stops lifting.

■ 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 Liftig Weight (KG)	80KG	200KG	300KG	600KG
Max Liftig 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.



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



Intelligent Assist Lifting Device

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