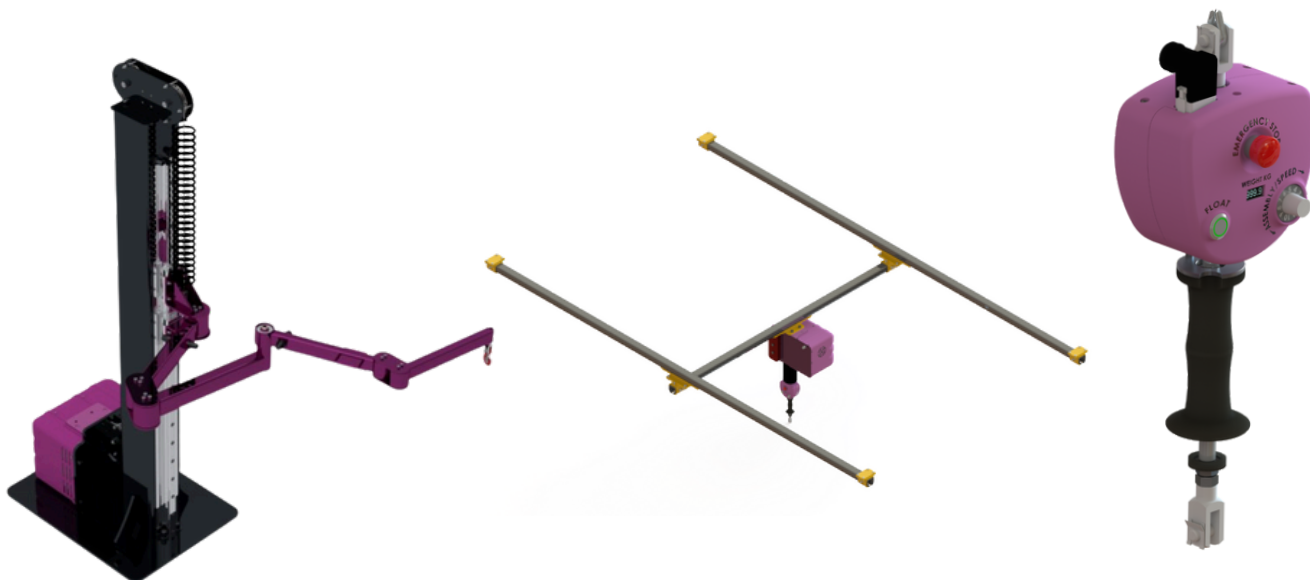


## About Manipulator

The Manipulator is an electric smart lifting device that combines precision, intelligent control, and modern design to make even the heaviest lifts feel light while improving lift control, speed, efficiency and safety in modern manufacturing.



Unlike traditional pneumatic or mechanical lifting device, our electric manipulator delivers consistent performance without air pressure loss, offering up to 90% efficiency and lifting speeds several times faster than conventional equipment.

Whether you're moving components, assembling systems, or improving ergonomics on your production floor — Gravity ANT is built to redefine how your team handles heavy loads.





## Key Features



### ELECTRIC SMART LIFTING SYSTEM

Operating on standard 230V/115V single phase operating voltage



### INTEGRATED SAFETY SUITE

Includes hand-presence sensors, overload protection, emergency stop & wire-rope slack control



### FLOAT MODE TECHNOLOGY

Enabling weightless, hands on load manipulation



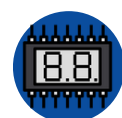
### AUTOMATIC SYSTEM SELF-CHECKS

Covering wire rope, load cell calibration, safety diagnostics



### CUSTOMISABLE LIFTING ATTACHMENTS

For different load types & applications



### INSTANT LOAD DISPLAY & REAL TIME SPEED ADJUSTMENT

Modern technology that shows real-time data logging with adjustment



### SERVO DRIVEN CONTINUOUS SPEED CONTROL

This allows smooth, precise lifting



### COMPACT PORTABLE SYSTEM DESIGN

Allowing quick installation & easy relocation



### SECURE LOAD HOLDING

Load are safely held even when power cuts or overload conditions

## Benefits



### SAFER OPERATIONS

With Advanced sensors, overload protection & emergency stop features



### FASTER PRODUCTION CYCLES

High lifting and smooth servo control makes production faster



### REDUCED OPERATOR FATIGUES & INJURE RISK

Using its ergonomic, weightless load handling features



### FEWER OPERATOR ERRORS

With intelligent calibration & automatic system adjustments.



### ADAPTABILITY TO DIFFERENT TASKS & LAYOUTS

Multiple system adjustments (Jib, Linear arm, Rail Linear, Articulated beam)



### IMPROVED OPERATIONAL FLEXIBILITY

With portable design, fast installation & customisable lifting attachments.



### LOWER DOWNTIME & MAINTENANCE COSTS

Through automated self-checks & smart diagnostics



### GREATER PRECISION IN ASSEMBLY HANDLING

Using Float mode and continuous speed control

## Contact us

Towne Lifting is a leading lifting and overhead crane specialists in the UK with offices in Hull, Gateshead & Stockton

You can contact us on



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