

**GRAVITY** **ANT**  
THE OVERACHIEVER

**DEFY  
GRAVITY**

**ELECTRICAL  
SMART  
LIFTING  
DEVICE**

**MORE THAN A  
MANIPULATOR**



**GÜRALP**<sup>®</sup>

30 years

## WITH OUR ELECTRIC INTELLIGENT LIFTING DEVICE, WHICH IS MORE THAN A MANIPULATOR;

- INCREASES WORK SAFETY
- DECREASES OPERATION TIMES
- REDUCES OPERATOR ERRORS
- EVOLVING FROM STANDARD CONTROL METHODS

**YOU CAN STEP IN A NEW WORLD.**

## GENERAL FEATURES OF ELECTRICAL SMART LIFTING DEVICE

- Works with 230 or 115 V AC mono-phase supply voltage
- Working class of FEM 4m / ISO M7 / HMI H5.
- Suitable for IP 54 class protection and operation temperature between -10° / 50° C.
- Designed according to **CE** and **UL** safety standards.
- The efficiency of the system is up to 90% with the servo motor.
- It provides continuous speed control instead of the gradual speed which is seen in standard control systems.
- Unlike pneumatic systems, there are no wobbles caused by air compression and no loss of performance depending on the supply pressure and weight lifted.
- Compared to other lifting machines, the lifting speeds are several times higher.
- With the "Float Mode" feature, which leaves the product weightless in the air. It ensures that operations such as transportation/assembly are carried out easily and safely, by simply touching the product without using any control button.
- Thanks to its compact design, it has the possibility of fast installation and commissioning procedure.

## WORK SAFETY ADVANTAGES

- IMMEDIATE STOP IN EMERGENCY BY STO FEATURE
- OPERATOR'S HAND CONTROL WITH HAND PRESENCE SENSOR
- IMPROVED WIRE ROPE SLACK CONTROL
- ADJUSTABLE VIRTUAL LOW SPEED AND LIFTING RANGE ZONES
- AUTOMATIC SPEED DECREASE AND VIRTUAL LIMIT POSITIONS CHANGE ACCORDING TO DIFFERENT WEIGHTS
- OPERATOR FALL DETECTION IN FLOAT MODE
- AUTOMATIC WIRE ROPE LIFE AND LOADCELL CALIBRATION SELF CHECK
- HOLDING THE LOAD FOREVER WITHOUT SLIPPAGE, EVEN IN POWER CUT AND OVERLOAD CONDITIONS.

## ERGONOMIC CONTROL

You can control the load quickly and safely with our user-friendly ergonomic control box **IBOX**, which is different from the standard controls



# MODEL INFORMATIONS

## GRAVITY ANT STANDARD MODELS

### CAPACITY: 50 KG

Span (mm)	2000 / 2500 / 3000 / 4000 / 5000		
Lifting Height	Unloaded Speed	Loaded Speed	Float Mode Speed
1800	75 m / min	60 m / min	50 m / min
2500			
3000			

### CAPACITY: 100 KG

Span (mm)	2000 / 2500 / 3000 / 4000 / 5000		
Lifting Height	Unloaded Speed	Loaded Speed	Float Mode Speed
1800	60 m / min	50 m / min	45 m / min
2500			
3000			

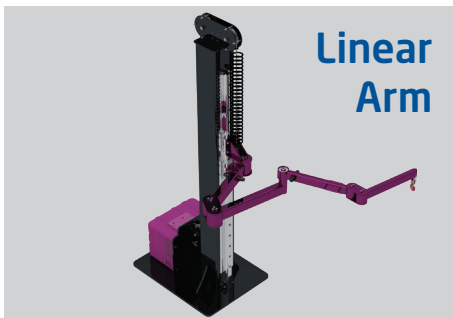
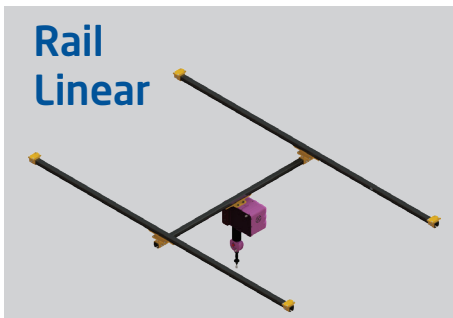
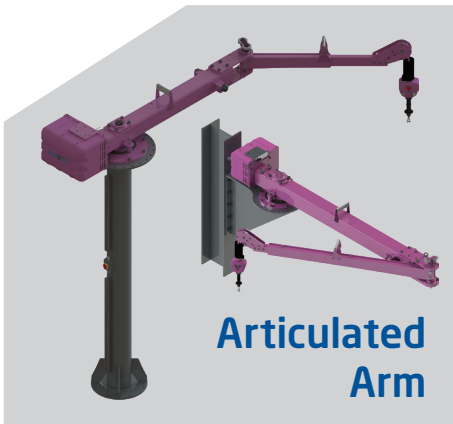
### CAPACITY: 200 KG

Span (mm)	2000 / 2500 / 3000 / 4000 / 5000		
Lifting Height	Unloaded Speed	Loaded Speed	Float Mode Speed
1800	35 m / min	25 m / min	24 m / min
2500			
3000			

### CAPACITY: 300 KG

Span (mm)	2000 / 2500 / 3000 / 4000		
Lifting Height	Unloaded Speed	Loaded Speed	Float Mode Speed
1800	26 m / min	17 m / min	16 m / min
2500			
3000			

\*These specs are for standard applications, please contact to us for non-standard specifications.



## OPTIONS

### • External Display

- Instant change of machine settings
- Device status and maintenance time information

### • Base Plate

- Eliminates the need for fixing to the ground
- Easy to move the system to another point

### • Internet of Things (IoT)

- Operator and device work time data
- Operation status tracking



### • External Arm Brake

- Locks arm movements at emergency stop



### • External remote control

- Remote control possibility for large loads





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GRAVITY 100 KG