

GRAVITY **ANT**
THE OVERACHIEVER

**DEFY
GRAVITY**

**ELECTRICAL
SMART
LIFTING
DEVICE**

**MORE THAN A
MANIPULATOR**



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.
- There are no wobbles due to the compression of the air which is seen in the pneumatic systems.
- 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 start-up 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 ACCORDING TO DIFFERENT WEIGHTS
- OPERATOR FALL DETECTION IN FLOAT MODE
- AUTOMATIC WIRE ROPE LIFE AND LOADCELL CALIBRATION SELF CHECK

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			

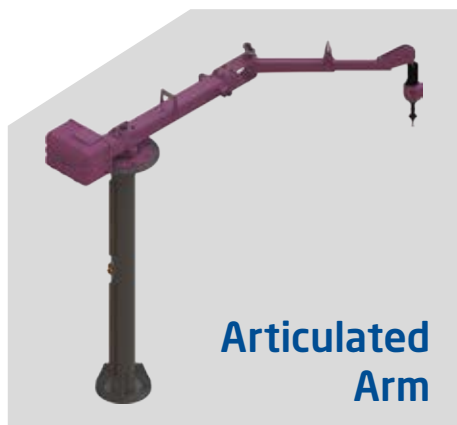
CAPACITY: 200 KG

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



SYLVEST
TRADING ApS



Yedi Eylül Mahallesi Ümit Tunçağ Caddesi No:4 Torbalı / İzmir

T: +90.232.853 18 66 **F:** +90.232. 853 18 67

gravityant@guralpvinc.com.tr

www.gravityant.com

www.guralpvinc.com.tr

