

# III HERON 10

EN

VERTICAL MAST RANGE



**PL** / **TFORM**  
B A S K E T

RAISING THE STANDARD



MADE IN ITALY

# **HERON 10** / **VERTICAL MAST RANGE**

**Innovative self-propelled AWP on crawlers with automatic stabilization, to allow the operations on uneven grounds, as good different option to SPIDER lifts.**

**HERON 10** is a **light** equipment, towable with light trailers. it is easy to use and perfect for **maintenance job, painting activity, windows cleaning, and tree care business**. Inside the building it is suitable for any job, the light weight doesn't damage even the **most delicate floor**, and so the terraces and attics.

**HERON 10** is powered by **diesel engine** only for outdoor use, or available **bi-energy** with the additional 230 Vac electric motor for indoor purpose.

And for the advanced requests and for the green demand, **HERON 10 E** is available **with lithium battery** and a powerful recharging system that allows the use **without any kind of emission**.



**HERON 10** is very compact and so able to work in the **narrowest places**. The crawlers and so the steering let the machine turn on itself. The automatic stabilization **allows the levelling on any slope**, so the user is only focusing on the operation of the upper part.

**HERON 10** is equipped with **radio remote control** for easy and intuitive use, for safe loading on ramps, and in case of winch to operate it as mini-crane.





# PLATFORM BASKET

## HERON 10E

### ELECTRIC version

- Powered by Lithium battery 200Ah/48Vdc.
- Transmission and steering system by electric motors with 100% of torque even with slow speed.
- 4 independent outriggers to level the machine on uneven ground.
- Button for automatic stabilization.
- Two men basket with 230 kg capacity, light and easy to remove.
- Radio remote control with diagnostic display for basket and ground control (cable always available in case of dead battery or bad frequencies).
- Spare battery and recharging battery for radio, fitted in the machine.
- Going home button to stow the machine for transport.
- Proportional movements.
- 220/110V plug in the basket for tools.
- Air/water high pressure pipes.
- Diagnostic display.
- Encoder monitor system for turret rotation.
- Emergency lowering system by gravity.
- Hand pump for emergency.
- Lifting points for fork lifts.
- Lifting points for cranes.

## HERON 10

### DIESEL version

- KUBOTA diesel engine, water cooled, with automatic accelerator.
- Automatic stabilization with 4 independent outriggers.
- Button for automatic stabilization.
- Two men basket with 230 kg capacity, light and easy to remove.
- Radio remote control with diagnostic display for basket and ground control (cable always available in case of dead battery or bad frequencies).
- Spare battery and recharging battery for radio, fitted in the machine.
- Going home button to stow the machine for transport.
- Proportional movements.
- 220/110 V plug in the basket for tools.
- Air/water high pressure pipes.
- Diagnostic display.
- Encoder monitor system for turret rotation.
- Emergency lowering system by gravity.
- Hand pump for emergency.
- Lifting points for fork lifts.
- Lifting points for cranes.

### Hook (optional)

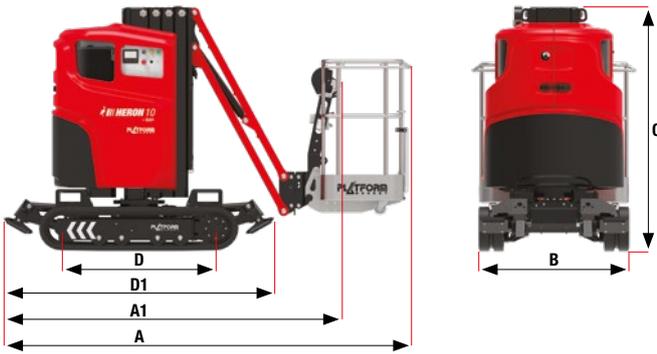
A practical hook allows for quick transformation of the platform into a lifting device, increasing versatility and enabling safe and fast load handling.



#### Remote control

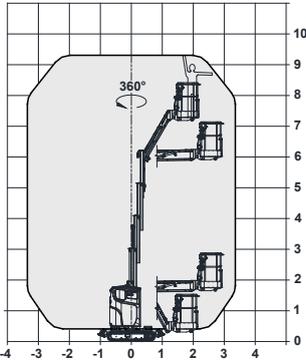
The remote control ensures full machine control, providing the operator with maximum safety and visibility. An indispensable ally for precise and safe use in any operational situation.



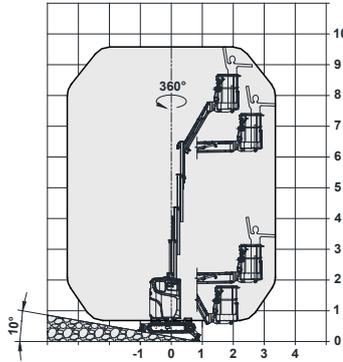


SPECIFICATIONS		STD	E
Max working height	m		9,6
Max platform height	m		7,6
Max horizontal working reach	m		3,45
Max working height at max reach	m		8,3
A - Overall length	m		3,25
A1 - Overall length without basket	m		2,71
B - Overall width	m		1,2
C - Overall height	m		1,99
D - Wheelbase	m		1,23
D1xB - Overall stabilization dimensions	m		2,15 x 1,2
Aluminium platform dimensions	m		1,2 x 0,87
Platform capacity inside	kg		230
Platform capacity outside	kg		230
Turning radius inside/outside	m		0 / 1,21
Turret rotation	°		± 180
Max slope	degrees/%		19° (35%)
Max working tilt x/y	degrees/%		3° (5,25%)
Max tilt x/y for autostab	degrees/%		10° (18%)
Max speed stowed	Km/h		2,8
Max speed not stowed	Km/h		1

### Working diagram on crawlers



### Working diagram on stabilizers



WEIGHTS		ST	E
Weight in working conditions	kg	2750	2800
Ground pressure in tracks	kg/cm² (kPa)	1,9 (183)	-
Ground pressure on stabilizer	kg/cm² (kPa)	2,4 (233)	-

POWER		ST	E
<b>DIESEL ENGINE</b>	9,9 kW / 13 HP @3600 rpm	•	-
<b>ELECTRIC MOTOR</b>	2,2 kW / 3 HP 230Vac/50Hz 1,5 kW / 2 HP 110Vac/60 Hz	• (optional)	-
<b>ELECTRIC MOTOR (DRIVE)</b>	3,5 kW / 5 HP 48 Vdc	-	•
<b>ELECTRIC MOTOR (PUMP)</b>	4,5 kW / 6 HP 48 Vdc	-	•
<b>TRACTION BATTERY</b>	48Vdc 210 Ah Lithium Ion	-	•

**INDOOR**

- 160 kg (operator)
- 70 kg (tools)
- TOT. 230 kg
- Wind max 0 km/h
- Manual Force max. 400N

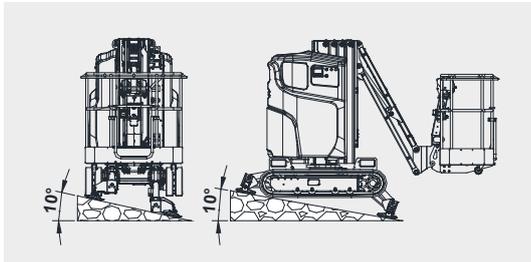
**OUTDOOR**

- 80 kg (operator)
- 150 kg (tools)
- TOT. 230 kg
- Wind max 45 km/h
- Manual Force max. 200N

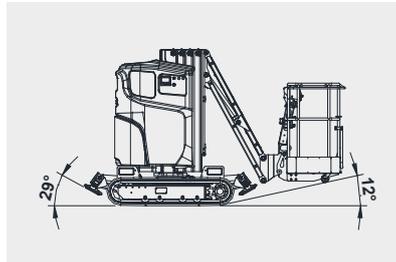
### OPTIONAL:

- Single-man basket
- Pre-arrangement for winch
- Lifting winch (250 kg)
- Electric pump 12V
- Obstacles monitor system
- Man-present pedal
- PBT (Platform Basket Telematics)
- Anti-entrapment
- Anti-collision device made from conductive rubber applied to the aerial basket.
- Non-marking rubber tracks

### Max. tilt for selfstabilizers



### Jib free when machine stowed



### Max. slope 35%

