



# HAB24RT

This eco-friendly hybrid platform features a Range Extender motor that allows it to work in electric mode with an extended capacity of up to 30 days. In combination with the IC engine, the Range Extender motor can charge the battery at any time.

It has a lowered centre of gravity and below-ground reach, enabling it to access areas below the supporting surface.

The platform is equipped with 4 steering drive wheels for improved stability on any surface.

The boom folds for transport so that the vehicle can be shipped in a container.



## STANDARD EQUIPMENT

- Proportional controls
- Thumb rocker steering
- Flashing light
- Horn
- Hour counter
- Harsh Environment Kits
- 12V DC Auxiliary Power

## PERFORMANCE

- Front oscillating axles to match the terrain irregularities granting optimal adherence to the ground
- 4 Wheels Steering
- Four-wheel drive
- Positive traction four wheel drive
- 360° rotation (continuous)

## BASKET

- Self levelling platform
- Rotating basket +/-90°
- Power to platform

## SAFETY

- Drive enable system
- Platform load sense system
- On-board diagnostics system
- Tilt indicator with alarm
- Crushing protection
- Emergency lowering system

## BATTERY

- TIANNENG - Lead-acid battery
- Powersource : 48V/375Ah
- Charger : 48VDC/60A
- Monophase 220V
- Recharge cycle from 0 to 100% (hours)\*: 5
- Engine Range extender: Kubota Z482/9.8kW

## STANDARD EQUIPMENT



Construction



Large Events



Aircraft  
maintenance  
Ship repair



Plant  
Service



Oil & gas



Restoration

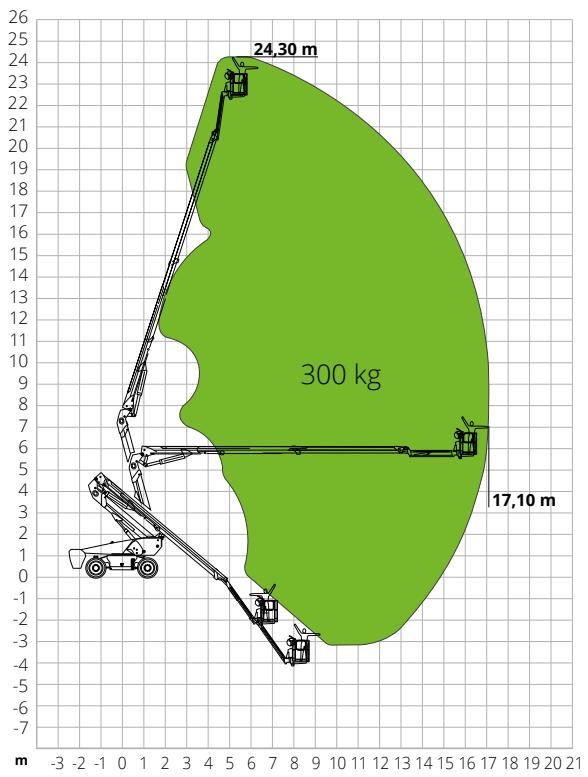
## HAB24RT

<b>Max. working height</b>	24.30 m
<b>Max. basket height</b>	22.30 m
<b>Articulation point</b>	9.14 m
<b>Max. reach</b>	17.10 m
<b>Below-ground height</b>	4.03 m
<b>Below-ground reach</b>	9.14 m
<b>Max. platform load capacity</b>	300 kg
<b>Max. Occupants</b>	2
<b>Max. gradeability (stowed)</b>	45%
<b>Max. working slope</b>	X-5°/Y-5°
<b>Max. wind speed</b>	12.5m/s
<b>Turning radius (outside)</b>	3.22 m
<b>Turning radius (inside)</b>	1.87 m
<b>Turret rotation (continuous)</b>	360°
<b>Jib type</b>	Regular
<b>Jib length</b>	4,20 m
<b>Jib vertical rotation</b>	135°
<b>Basket width</b>	0.91 m
<b>Basket length</b>	2.44 m
<b>Basket rotation</b>	180°
<b>Total weight</b>	17,200 kg
<b>Travel speed (closed config.)</b>	6.0km/h
<b>Travel speed (working config.)</b>	1.1km/h
<b>Tyres</b>	385/45-29
<b>Engine Range Extender</b>	Kubota Z482/9.8kW
<b>Diesel tank capacity</b>	110 l
<b>Hydraulic tank capacity</b>	165 l
<b>Battery Type</b>	Lithium battery - Maintenance free
<b>Powersource</b>	80V/320Ah
<b>Charger</b>	-
<b>Charger type</b>	Monophase and Three-phase 380V and 220V
<b>Recharge cycle from 0 to 100% (hours)*</b>	4,5
<b>Driving motors</b>	54VAC/18kW
<b>Lifting motors</b>	-
<b>Emergency power system</b>	12V
<b>Transmission</b>	Hydrostatic

\*Experimental calculation. The count is affected by climate and usage of the machine.

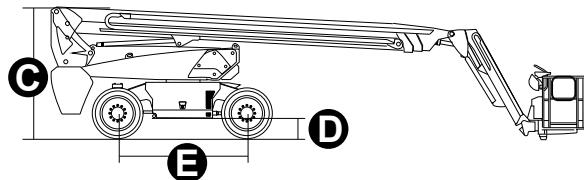
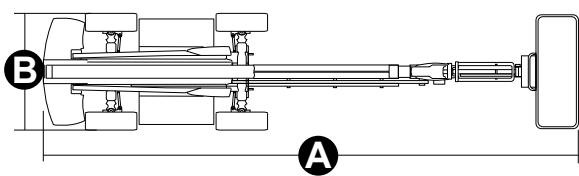
**STANDARDS COMPLIANCE:** EN 280, ANSI/SAIA A92.20

## LOAD CHART



## DIMENSIONS

<b>A</b>	<b>Platform length</b>	9.83 m
	<b>Platform length (transport)</b>	10.03 m
<b>B</b>	<b>Platform width (tyres)</b>	2.50 m
	<b>Platform width (transport)</b>	2.33 m
<b>C</b>	<b>Platform height</b>	2.89 m
	<b>Platform height (transport)</b>	2.89 m
<b>E</b>	<b>Wheelbase</b>	2.80 m
	<b>Tailswing</b>	1.61 m
<b>D</b>	<b>Ground clearance</b>	0.41 m



# #LIFT DIFFERENT

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The data in this brochure are provided for the purposes of information and subject to change without notice.