

# HAB16RT

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 is also equipped with 4 drive wheels for greater 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
- 2 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: FIRMAN AN192F/7.6kW

## STANDARD EQUIPMENT



Construction



Large Events



Aircraft  
maintenance  
Ship repair



Plant  
Service



Oil & gas



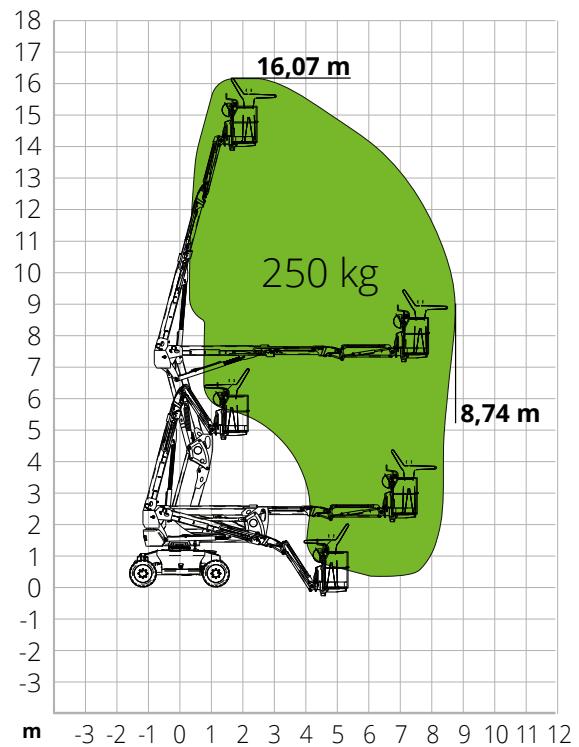
Restoration

**HAB16RT**

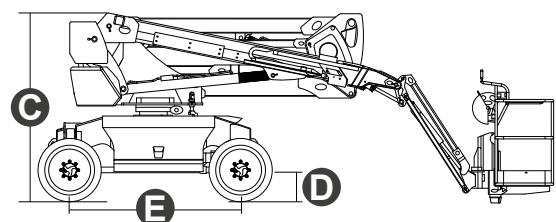
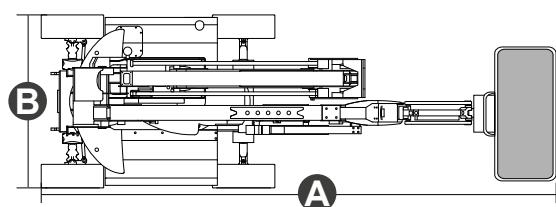
<b>Max. working height</b>	16.07m
<b>Max. basket height</b>	14.07 m
<b>Articulation point</b>	7.25 m
<b>Max. reach</b>	8.74 m
<b>Below-ground height</b>	1.06 m
<b>Below-ground reach</b>	7.25 m
<b>Max. platform load capacity</b>	250 kg
<b>Max. Occupants</b>	2
<b>Max. gradeability (stowed)</b>	40%
<b>Max. working slope</b>	X-5°/Y-5°
<b>Max. wind speed</b>	12.5m/s
<b>Turning radius (outside)</b>	4.49 m
<b>Turning radius (inside)</b>	2.92 m
<b>Turret rotation (continuous)</b>	360°
<b>Jib type</b>	Regular
<b>Jib length</b>	1.50 m
<b>Jib vertical rotation</b>	132°
<b>Basket width</b>	0.79 m
<b>Basket length</b>	1.83 m
<b>Basket rotation</b>	180°
<b>Total weight</b>	7,780 kg
<b>Travel speed (closed config.)</b>	6.0km/h
<b>Travel speed (working config.)</b>	1.1km/h
<b>Tyres</b>	315/55 D20
<b>Engine Range Extender</b>	FIRMAN AN192F/7.6kW
<b>Diesel tank capacity</b>	30 l
<b>Hydraulic tank capacity</b>	145 l
<b>Battery Type</b>	TIANNENG - Lead-acid battery
<b>Powersource</b>	48V/320Ah
<b>Charger</b>	48VDC/60A
<b>Charger type</b>	Monophase 220V
<b>Recharge cycle from 0 to 100% (hours)*</b>	4,5
<b>Driving motors</b>	34VAC/9kW
<b>Lifting motors</b>	34VAC/13kW
<b>Emergency power system</b>	-
<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>	7.05 m
	<b>Platform length (transport)</b>	5.19 m
<b>B</b>	<b>Platform width (tyres)</b>	2.33 m
	<b>Platform width (transport)</b>	2.33 m
<b>C</b>	<b>Platform height</b>	2.55 m
	<b>Platform height (transport)</b>	2.57 m
<b>E</b>	<b>Wheelbase</b>	2.30 m
	<b>Tailswing</b>	0.19 m
<b>D</b>	<b>Ground clearance</b>	0.31 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.