

# nifty

# HR21

HYBRID AWD

**SELF PROPELLED  
ACCESS PLATFORM**



**20.70m (68ft)**  
Working height

**12.60m (41ft 4in)**  
Unrestricted working  
outreach at 225kg

**Hybrid Power**  
Fuel efficient &  
environmentally conscious

**40% Gradeability**  
AWD for rough terrain

**GVW Only 6,300kg**  
Lightest in its class

**Superb Manoeuvrability**  
4m outside turning radius

**Swing-Out Engine Tray**  
Quick & easy to service

**Platform Rotation  
& Fly-Boom**  
Improved access to  
applications



**niftylift.com**



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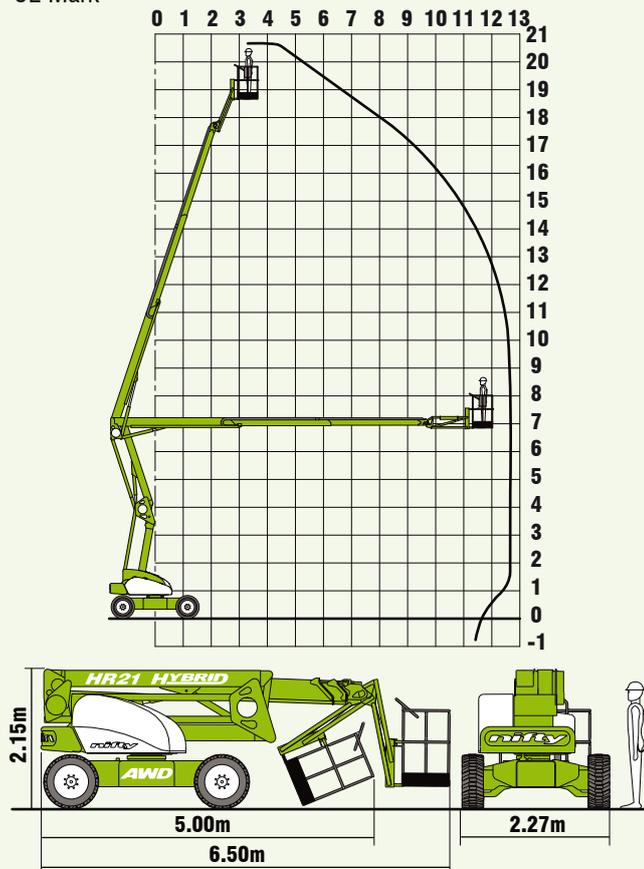
The **Height Rider 21 (HR21) Hybrid All-Wheel-Drive (AWD)** is one of a new generation of environmentally conscious work platforms from Niftylift. Combining advanced power-source technology with versatile AWD, it delivers outstanding performance from a compact and low-weight design.

On Diesel, the **HR21's** revolutionary **Hybrid** system can automatically utilise its electric motor to boost power whenever needed. This allows the **HR21 Hybrid AWD** to operate with a smaller engine, reducing fuel consumption and its exhaust purification system then further reduces CO/NOx, particulates, and noise emissions.

The **HR21 Hybrid AWD** can also operate on battery alone, making it ideal for indoor, quiet or clean applications. **Diesel Re-Gen** re-charges the batteries without a mains power source and a fast charge is achieved whenever the machine is idle and the engine is left running.

## SAFETY FEATURES

- Automatic Fail-Safe Brakes
- Tilt Alarm
- Solid Tyres
- Manual Recovery with Hand Pump
- Dual Controls (Platform & Base)
- Lock Valves on all Hydraulic Cylinders
- Dual Harness Points
- CE Mark



The **HR21 Hybrid AWD** also incorporates Niftylift's new **ToughCage** technology. Its tough impact resistant composite base and larger cross-section steel cage give extra strength and durability, both protecting the operator and reducing the risk of damage to the cage.



## SPECIFICATIONS

<b>Working Height</b>	20.70m	68ft
<b>Platform Height</b>	18.70m	61ft 4in
<b>Working Outreach</b>	12.60m	41ft 4in
<b>Slew</b>	360°	
<b>Fly-Boom Arc</b>	150°	
<b>Width</b>	2.27m	7ft 5in
<b>Height</b>	2.15m	7ft
<b>Length - Stowed</b>	5.00m	16ft 5in
<b>- Overall</b>	6.50m	21ft 4in
<b>Minimum Weight</b>	6,300kg*	13,900lbs*
<b>Turning Radius - Inside</b>	0.78m	2ft 7in
<b>- Outside</b>	4.00m	13ft
<b>Platform Rotation</b>	100°	
<b>Platform Capacity</b>	225kg	500lbs
<b>Platform Size</b>	1.80m x 0.85m	5ft 11in x 2ft 9in
<b>Drive Speed - 2x4</b>	4.5kmph	2.8mph
<b>- 4x4</b>	2.25kmph	1.4mph
<b>Gradeability</b>	20% (2x4)	40% (4x4)
<b>Power System</b>	Hybrid (Battery & Diesel) Kubota 722 (18Hp)	

\* Weights may vary according to specification, please confirm before ordering.

Due to a policy of continuing development and improvement, Niftylift reserves the right to change any specification without notice. Please confirm exact specification before ordering.

Supplied by:

Manufacturers of trailer mounted,  
self propelled and vehicle mounted platforms.

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