

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

& Flyboom

Improved access to
applications



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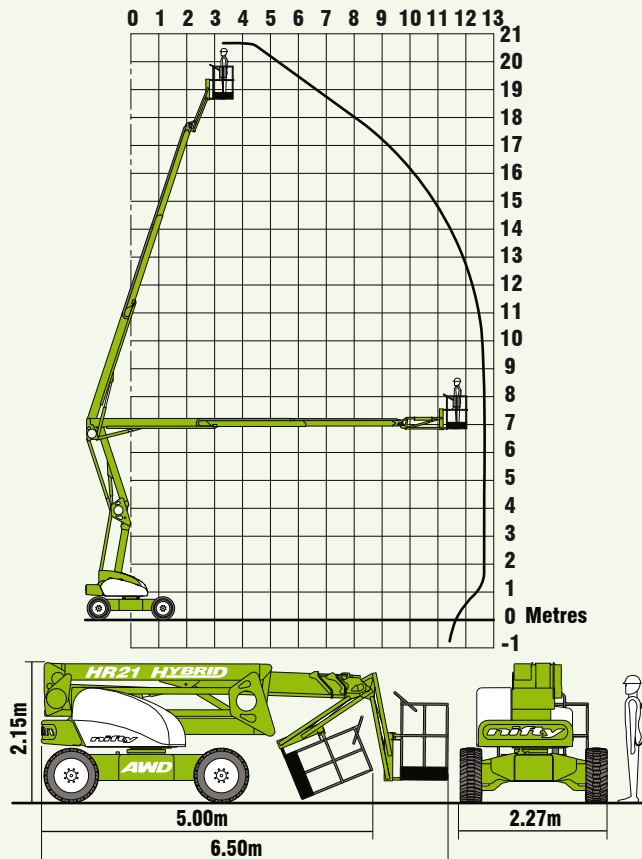
The **Height Rider 21 (HR21) Hybrid All-Wheel-Drive (AWD)** is one of a new generation of environmentally conscious work platforms from Niftylift. Combining advanced power-source technology with versatile AWD, it delivers outstanding performance from a compact and low-weight design.

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



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.



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.



SPECIFICATION

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

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

Supplied by:

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

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