

nifty

HR21

HYBRID AWD

**SELF PROPELLED
ACCESS PLATFORM**



20.80m (68ft 6in)
Working height

12.80m (42ft)
Unrestricted working
outreach at 225kg

40% Gradeability
AWD for rough terrain

GVW Only 6,500kg
Lightest in its class

Superb Manoeuvrability
4m outside turning radius

SiOPS® as Standard
Award winning
operator protection

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

Hybrid Power
Versatile, fuel efficient &
environmentally conscious



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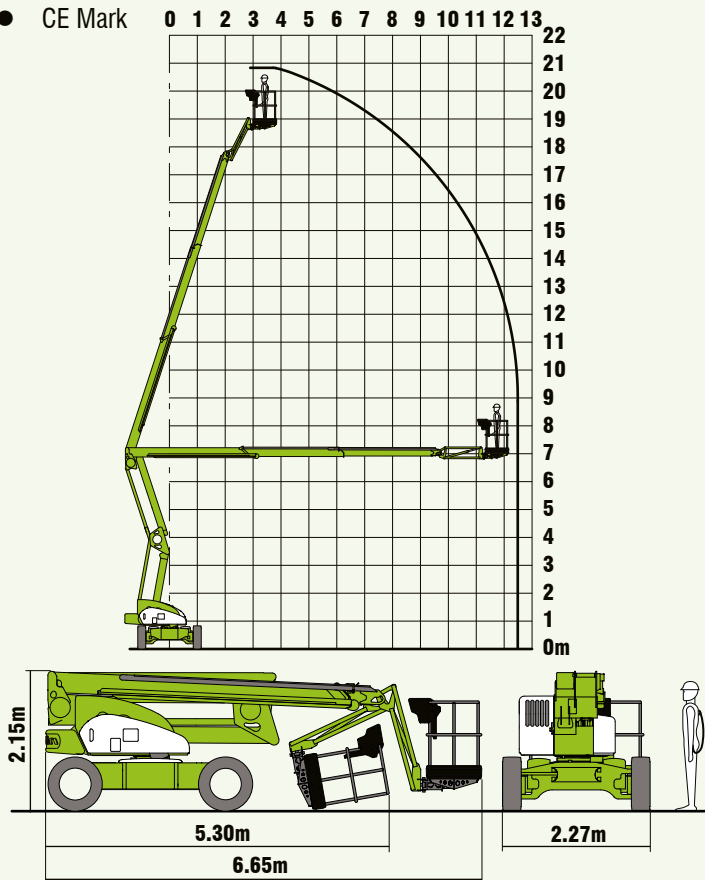
The **Height Rider 21 (HR21) Hybrid All-Wheel-Drive (AWD)** is one of a new generation of environmentally conscious work platforms from Niftylift. Combining advanced power-source technology with versatile AWD, it delivers outstanding performance from a compact and low-weight design.

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

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



The **HR21 Hybrid AWD** also incorporates **ToughCage** and **SiOPS®** technologies. A tough impact resistant composite base and larger cross-section steel give the **ToughCage** strength and durability, while **SiOPS®** offers additional operator protection.



SPECIFICATIONS

Working Height	20.80m	68ft 6in
Platform Height	18.80m	62ft
Working Outreach	12.80m	42ft
Slew	360°	
Fly-Boom Arc	150°	
Width	2.27m	7ft 5in
Height	2.15m	7ft
Length - Stowed	5.30m	17ft 5in
- Overall	6.65m	21ft 10in
Minimum Weight	6,500kg*	14,330lbs*
Turning Radius - 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.

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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