

# nifty

# HR21

## SELF PROPELLED ACCESS PLATFORM



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

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

**45% Gradeability**  
4WD for rough terrain

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

**Superb Manoeuvrability**  
4m outside turning radius

**Unique Suspension System**  
Improving traction & comfort

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

**Platform Rotation  
& Flyboom**  
Improved access to  
applications



[niftylift.com](http://niftylift.com)

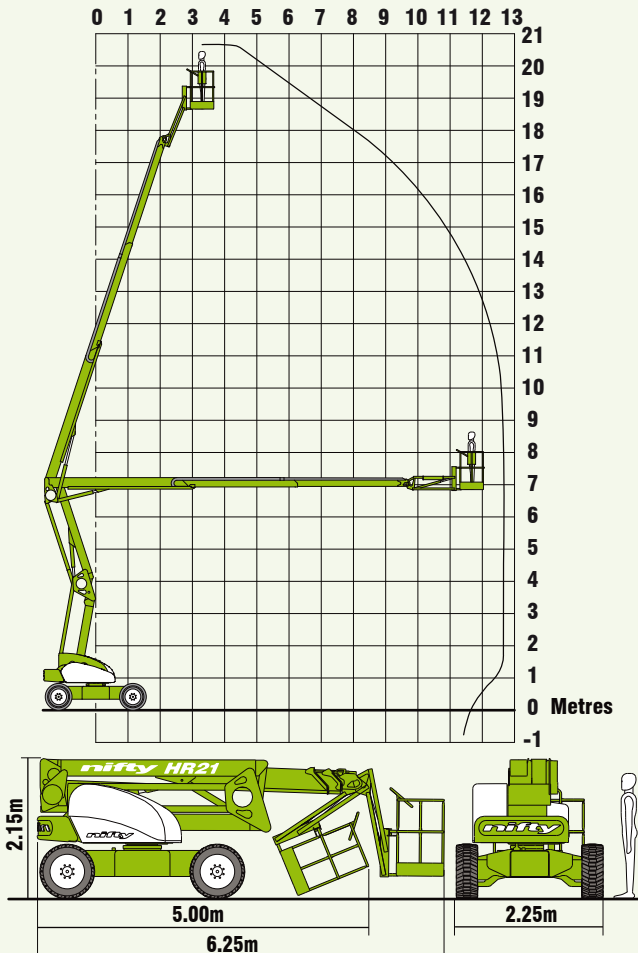


# nifty Height rider 21

The Nifty **Height Rider 21** is a 4-wheel-drive rough terrain platform. Its innovative design combines weight and space saving technology with the latest advances in boom geometry for a truly versatile machine. Its 4m turning circle and weight efficient design give the **HR21** more manoeuvrability on site and its unique suspension and powerful 4WD provide superb traction on steep or uneven terrain. Fully proportional hydraulic controls allow smooth and measured operation and the platform rotation and flyboom allow the operator to position the platform with precision anywhere in its vast working envelope.

## SAFETY FEATURES

- Automatic Failsafe Brakes
- Tilt Alarm
- Foam Filled 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** offers exceptional outreach. Whether it be up-and-over access to awkward locations or outreach to jobs below ground level. The **HR21** does it all still leaving plenty of space in the platform for tools and equipment.

## SPECIFICATION

<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>Flyboom Arc</b>	150°	
<b>Width</b>	2.25m	7ft 5in
<b>Height</b>	2.15m	7ft
<b>Length - Stowed</b>	5.00m	16ft 5in
<b>- Overall</b>	6.25m	20ft 6in
<b>Minimum Weight - (2x4)</b>	6,220kg*	13,700lbs*
<b>- (4x4)</b>	6,220kg*	13,700lbs*
<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 0.70m	5ft 11in x 2ft 4in
<b>Drive Speed - (2x4)</b>	4.5kph	2.8mph
<b>- (4x4)</b>	6.6kph	4.1mph
<b>Gradeability</b>	30% (2x4)	45% (4x4)
<b>Control System</b>	Booms: Fully proportional hydraulic Drive: Fully proportional electric over hydraulic	
<b>Power System - (2x4)</b>	Battery Only	
<b>- (4x4)</b>	Bi-Energy (Battery & Diesel) Kubota 722 (18Hp) Diesel Only Kubota 1505 (32Hp)	

\* 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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