



Niftylift HR21 Hybrid Articulating Boom

The Height Rider 21 (HR21) Hybrid All-Wheel-Drive (AWD) self propelled cherry picker 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 self propelled boom lift 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 self propelled access platform 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.

The HR21 Hybrid AWD also incorporates Niftylift's ToughCage, and multi-award winning SiOPS® safety system which eliminates sustained involuntary operation by instantly stopping machine movement if the operator is pushed onto the control console. 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.

Hybrid Power - Fuel efficient & environmentally conscious

40% Gradeability - AWD for rough terrain

GVW Only 6,660kg - Lightest in its class

ToughCage with SiOPS® as Standard - Multi-award winning operator protection

Superb Manoeuvrability - 4m outside turning radius

Platform Rotation & Fly-Boom - Improved access to applications

IPAF Category 3b

Do you hold a valid operator's licence?

The PAL Card (Powered Access Licence) is recognised worldwide as proof of platform operator training to the highest standard.

It is issued by the International Powered Access Federation (IPAF) to platform operators who successfully complete a training course at an IPAF approved training centre.

Quick checklist for employers and operators using powered access machines:

- ✓ I have an IPAF PAL card.
- ✓ Date is still valid (Licence expires after 5 years).
- ✓ All categories for the machine's being used are listed on the PAL card (e.g. 3a, 3b, PAV).

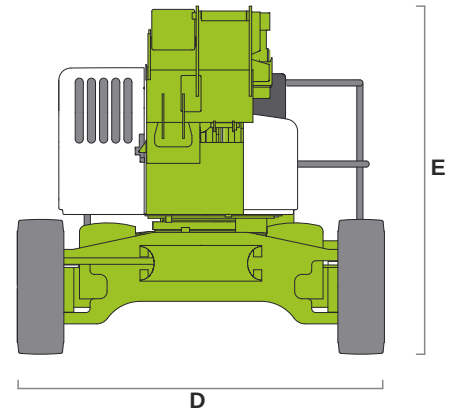
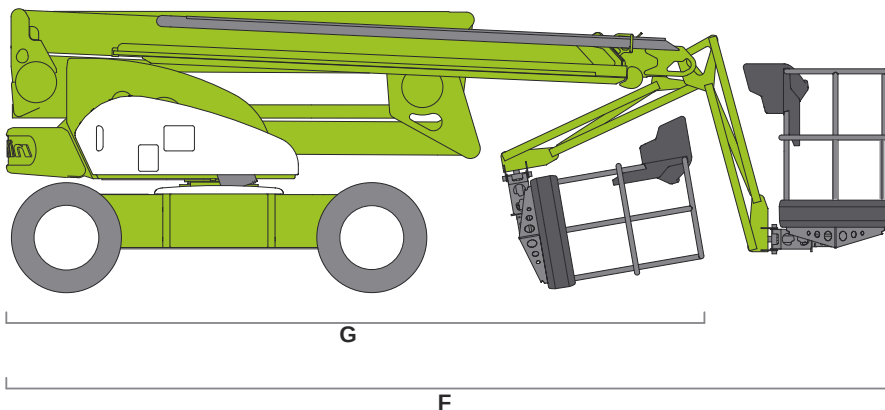
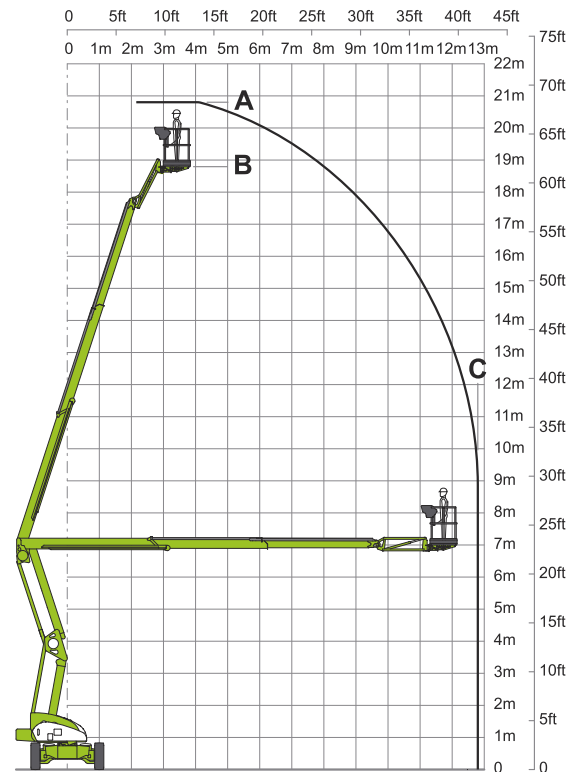
If you can answer yes to all three, you're good to go!

If not, please call us to discuss your requirements and arrange a training course.



HR21 Hybrid Articulating Boom

Dimensions	HR21 Hybrid
A Work Height	20.80 m
B Platform Height	18.80 m
C Horizontal Reach	12.80 m
D Width	2.27 m
E Stowed Height	2.15 m
F Stowed Length	6.70 m
G Transport Length	5.30 m
Weight	6,660 kg
Turning Radius	4.00 m
Platform Capacity	225 kg
Platform Size	1.80 m x 0.85 m
Platform Rotation	100°
Fly-Boom Arc	150°
Drive Speed	2.8 mph
Gradeability	40% (14°)
Power Options	Hybrid (Battery & Diesel)



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