

**HD-S (LED) and
HD-E (LED-Hybrid)**
Innovation comes
as standard.





**Innovation comes as standard.
Heimdall brings safety in design
to improve working practice.**

Safe working practice is critical on building, events, emergency services, road works and maintenance sites. Heimdall gives the user peace of mind regarding safety and greater control of costs.

Heimdall's 'Smart Stability' designs safety into the system. Four hydraulic stabiliser legs integrate with the stability sensors to ensure the Heimdall unit is deployed safely and continues to be safe on site throughout use.

Combine with class leading build quality and security features, in addition to LED lights as standard and Heimdall is pleased to introduce the new HD-S LED and HD-E LED Hybrid range of mobile tower lights.

Smart Stability.

Bad set up, bad monitoring, bad weather, soft ground, all are potential reasons why what initially appeared to be a stable tower light deployment can change into a very nasty accident.

How Heimdall Can Help

Mobile tower lights are used in a number of different environments, be that construction, road works, railway maintenance, events or for spot hires and sports fields. All these have one thing in common... people.

Whenever a tower light is deployed there is the risk of potential instability and a catastrophic collapse. A change in the unit's stability can be the result of softening of the ground due to heavy rain or high winds pushing the unit over.

Whatever the reason, the risk of significant injury to people on the ground or travelling alongside the work site is considerable should a tower light become unstable and fall.

With laws covering a company's duty of care and Directors responsibilities regarding health and safety in the workplace becoming more stringent, a work environment with a managed and minimal risk of injury to employees or the general public is of paramount importance. Heimdall's Smart Stability system eliminates the risk of a tower light collapse on all work and event sites.

The hydraulic legs allow for easy deployment, the operator lowering all the legs from one position. The mast cannot be raised until the legs have been deployed, the distribution of load is equal and the Smart Stability system active.

Heimdall units are available both nationally and globally
Call 0843 855 0068 to find a hirer of Heimdall products in your area

After deployment and over the following days and weeks, the unit self-monitors, the Smart Stability system ensuring the unit is stable throughout its use.

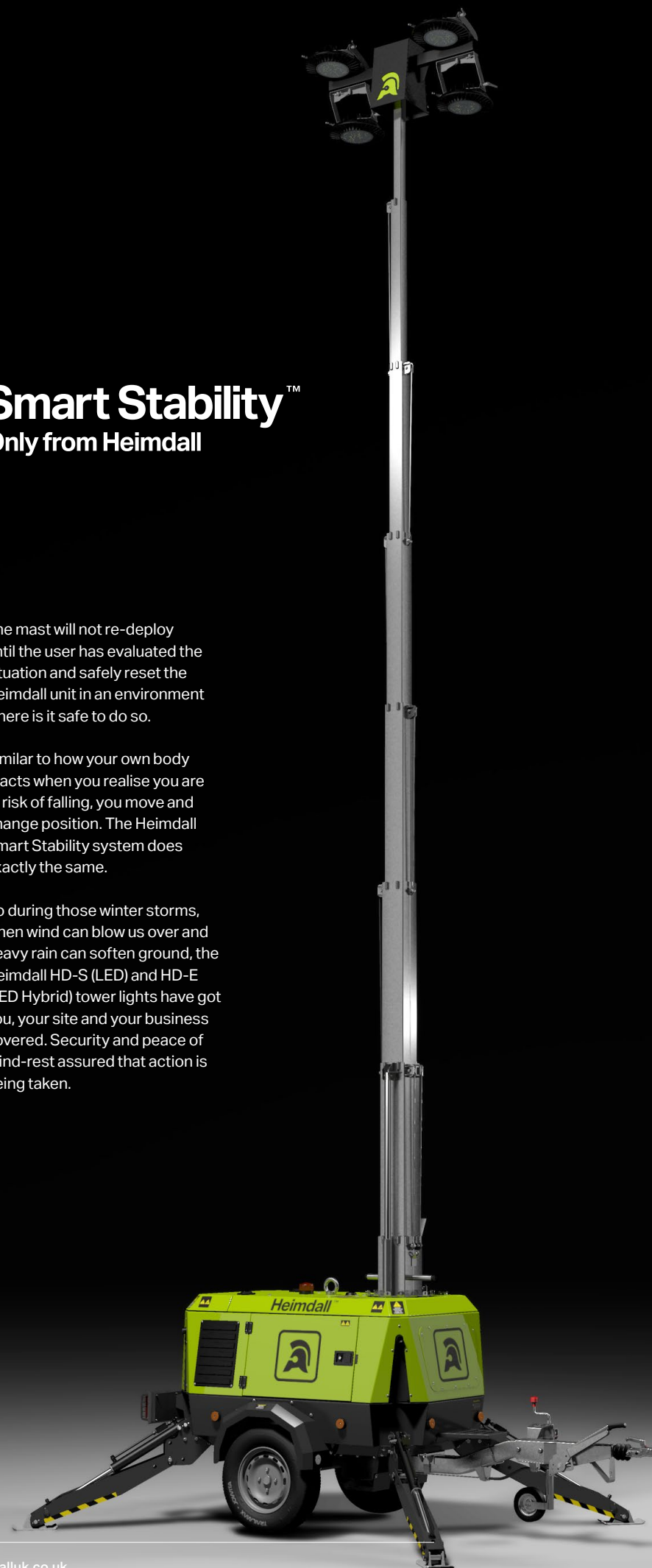
If a change is detected and the unit is at risk of a fall, the mast is automatically retracted with a warning alarm to protect the unit from a collapse.

 **Smart Stability™**
Only from Heimdall

The mast will not re-deploy until the user has evaluated the situation and safely reset the Heimdall unit in an environment where it is safe to do so.

Similar to how your own body reacts when you realise you are at risk of falling, you move and change position. The Heimdall Smart Stability system does exactly the same.

So during those winter storms, when wind can blow us over and heavy rain can soften ground, the Heimdall HD-S (LED) and HD-E (LED Hybrid) tower lights have got you, your site and your business covered. Security and peace of mind-rest assured that action is being taken.



Wind and weather. Understanding the risks.

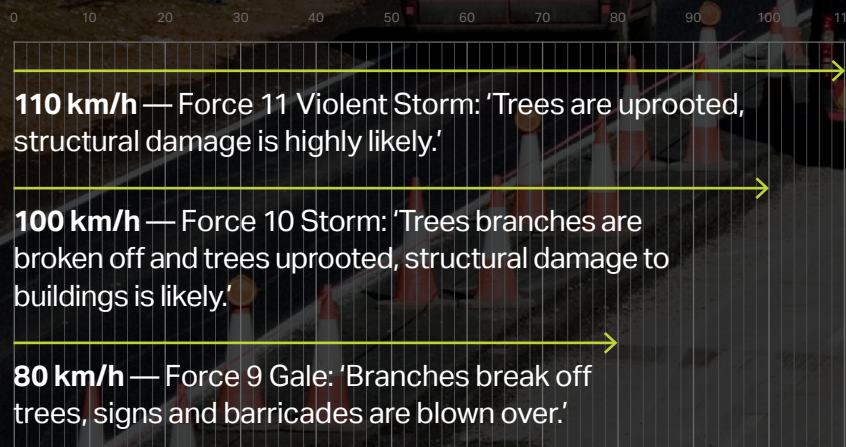
We've all been in bad weather, but understanding what wind and weather forecasts mean in relation to operating plant and equipment on a construction or event site requires 'experience' or 'bravery'.

Heimdall doesn't rely on predictions or forecasts, the 'Smart Stability' reacts in real time to the situation. Heimdall ignores wind ratings, if your lighting tower becomes unstable due to wind or soft ground due to rain or flooding, the unit simply makes itself safe.

So what do our competitors do? They all have wind ratings, but what are they really relying on? Your experience or your bravery?

When considering tower lights other than Heimdall, just think a little about what they are claiming.

The Beaufort Scale describes wind in terms of what would be observed on land and sea;



To make matters worse, wind is measured at 10 metres high, so what you feel on the ground is worse at the top of the mast.

So think a little about what our competitors claim and then think what am I... experienced... brave... or just lucky?





Stainless Steel Manufacture.

All Heimdall tower lights are manufactured in Stainless Steel and then fully painted to ensure your Heimdall stays in prime condition looking younger for longer, giving you a greater return on investment and a better residual value when it is time to sell.

- Corrosion resistance 250 × greater than common mild steel
- Higher strength: 3Cr12 tensile strength 450–650 Mpa
- Excellent impact resistance
- Eliminates rust spots and under paint rust creep

1000 hour Service intervals. Extended 1000 hour generator service intervals as standard.

For a company wishing to maintain a fleet of machines, service is an expensive business- a constraint on your employee's valuable time and a significant cost to your business.

If you choose not to service, then when things go wrong how many suppliers want to help when they realise they have a 'get out'.

Heimdall offers extended service intervals of 1000 hours as standard on their complete range of tower lights.

Service Savings

Standard tower light cost of service every 250 hours: £200
Weekly usage hours in 'dark months': 50 hours per week.
250 hour service every 5 weeks.

Over 6 months heavy utilisation, cost of service £1040

Heimdall 1000 hour service tower light:

6 months heavy utilisation, cost of service £200
Service savings over 5 years = £4200



Heimdall Shadow Telemetry (Optional)

Imagine you could check on the upkeep of your investment. How is your tower light being treated?

Imagine you could control it, immobilise it, check on the position, if there's a problem know what it is. Heimdall Shadow telemetry allows you to do all this and more.

Included as an optional extra in **Premium** and **Premium Plus** configuration.

Premium

- Access to mobile and web based portals
- View GPS location
- View error code or stability event log
- View live engine data
- View battery voltage, fuel level and engine hours






Premium Plus

All the functionality of Premium, with the addition of:

- Remote immobilisation
- GEO fencing
- Configurable automated alerts and usage report, via text and email.

Heimdall HD-S (LED) and HD-E (LED Hybrid). The safest mobile tower light, protecting your employees, your business and the public at large.

Suitable for:

-  General Hire
-  Road works and maintenance
-  Construction sites
-  Rail network construction and maintenance
-  Agriculture
-  Festivals and music events
-  Emergency services
-  Military applications
-  Quarrying and mining
-  Gas and petro-chemical sites
-  Sports fields and outdoor events
-  TV and film sites



Innovative Design. Class leading products.

Key Specification	HD-S (LED)	HD-E (LED-Hybrid)
Smart Stability System	Yes	Yes
Stabiliser Legs	Hydraulic	Hydraulic
Wind Proof (km/hr)	Self-monitoring	Self-monitoring
Lamp Type	LED	LED
Lamp (W)	4 x 200w	4 x 200w
Illuminated Area @ 20 Lux	4100 msq	4100 msq
On/Off Auto Light Sensor		Yes
Power Outlet	110v	110v
Engine	Yanmar L48N	Yanmar L48N
Generator (Kva)	3.8Kva	3.8Kva
Generator Service Intervals (hrs)	1000	1000
Bunded Fuel Tank	Yes	Yes
Fuel Tank	150	150
Fuel Use (ltr/hr)	0.35	0.35
Run Time (Full Tank)	428Hrs	
Body/Panel Construction	Stainless Steel	Stainless Steel
Mast Construction	Mild Steel Galvanised	Mild Steel Galvanised
Anti- Corrosion Guarantee	25 Years	25 Years
Mast Height (m)	9	9
Mast Rotation (Degrees)	340	340
Mast Deployment System	Hydraulic	Hydraulic
Central Lifting Eye	Yes	Yes
Leg and Mast Movement Alarm	Yes	Yes
Weight (kg)	1142kg (inc 20L fuel)	1222kg (inc 20L fuel)

MORE INFORMATION

Heimdall units are available both nationally and globally
Call 0843 855 0068 for details

www.heimdalluk.co.uk

