ALLYE

CRANE HIRE



Electric cranes are here.
Site supplies aren't.

An electric crane still needs a plug.

How MAX powers tower, self-erecting and mobile cranes on sites with no grid connection.

No mains supply | Hybrid or standalone | ADR exempt

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THE PROBLEM

The crane is electric. The site isn't.

Early-stage sites rarely have the supply an electric crane needs, so diesel does the work.

No supply on day one

Permanent power arrives late, often after the crane.

Onboard diesel

Hybrids fall back to their engine when there's no plug.

Generator all shift

Sized for the peak lift, idling for the rest of the day.

Noise and neighbours

Urban sites pay for every hour a generator runs.

HOW IT WORKS

Battery first. Generator last.

MAX supplies the crane from stored energy, and runs in hybrid with a generator only when it must.



1 **Size**
Send us the crane model, duty cycle and any existing supply. We match the MAX.

2 **Power**
MAX runs the crane alone, or in hybrid so the generator runs for minutes, not hours.

3 **Share**
The same unit charges electric plant and runs the welfare cabins on the compound.

ONE UNIT, THE WHOLE COMPOUND

Cranes, excavators and cabins

On the Lower Thames Crossing, the Bouygues Murphy JV charges its electric excavators from four MAX500s.



VALIDATED AT LOWER THAMES CROSSING

Over £30,000 saved a week

in generator hire and fuel, against charging the same excavators from on-site generators

Generators Needed to charge the plant	**None**
DC fast charging For electric excavators	**240kW**
Grid connection Needed on site	**None**

2026
on site and operating since January

>£1.5m
a year, at the weekly saving

1st
major UK project with a carbon limit

Baseline: generator hire and fuel for the same plant. Sources: Allye case study with Bouygues Murphy JV; National Highways. Annual figure: weekly saving × 52.

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WHY MAX

Why crane hirers choose MAX

Proven with tower cranes

Horizon Plant, Ireland: 70% less fuel and £1,500 a week saved, running in hybrid.

Sell, lease or hire

Add MAX to the crane hire, or run it from your own fleet.

Transport made simple

Exempt from ADR in the UK, so MAX travels like any other piece of plant.

Quiet on urban sites

A battery is silent while it works, so the generator stops being the neighbours' problem.

Built in Britain

Designed and built in London around second-life EV batteries, with 60% lower embedded carbon.

Safe and supported

CE and UKCA marked, every cell monitored 24/7, built and supported in the UK.

PROVEN

Already working with electric plant



POWER RENTAL, IRELAND

Horizon Plant

Hybrid with tower crane generators: 70% less fuel, £1,500 a week



LIVE EVENTS, SCOTLAND

FTVS, part of Aggreko

12 electric vehicles charged off-grid for a month at a vehicle launch



POWER RENTAL

Dawson Group

Hybrid pilot on a commercial chiller: £75,400 a year projected per site



CONSTRUCTION, ENGLAND

Collins Earthworks

Charging electric trucks from a 125A supply, saving £2,500 a week

TRUSTED BY

JLR e·on roadchef Collins OnBio

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NEXT STEP

Keep cranes electric

Tell us the crane, the duty cycle and the site. We'll confirm the right MAX and whether it runs alone or in hybrid.

ASK FOR

1. A power plan for your crane
2. See MAX at our Acton factory
3. The full MAX range brochure and specifications

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