

Zero-emission eLift

Zero-emission lifting

With the introduction of the SK487-AT3 City Boy we already made a significant step in sustainability by making electric driving and lifting possible. Now we continue these developments by expanding our product range of sustainable models that can operate 100% emission free; the SK597-AT4 eLift and the SK1265-AT6 eLift.

These models are equipped with the new hybrid upper drive system with PowerPack technology and make it possible to lift even heavier and further with zero emission. Up to 60 meter radius and 10.000 kg weight.



CITYBOY



Plug-in Hybrid eDrive

Zero-emission eLift

SK487-AT3 eDrive

Drive: Diesel / Hybrid / Electric
Lift: Electric / Hybrid

- Specs:
- 40 meter reach
 - 7.000 kg max.
 - 1.700 kg tip load

Zero-emission eLift

SK597-AT4 eLift

Drive: Diesel
Lift: Electric / Hybrid

- Specs:
- 48 meter reach
 - 7.000 kg max.
 - 1.700 kg tip load

Zero-emission eLift

SK1265-AT6 eLift

Drive: Diesel
Lift: Electric / Hybrid

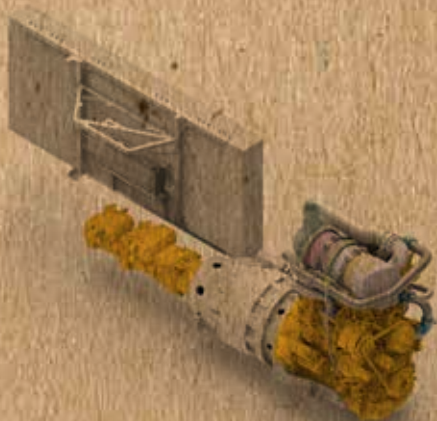
- Specs:
- 60 meter reach
 - 10.000 kg max.
 - 1.700 kg tip load



Zero-emission eLift

Full electric & hybrid mode

The Zero-emission eLift system has two operating modes; electrical mode and hybrid mode. Both modes have an efficient first line energy source, and allow the operator to choose between operating on grid or diesel power. The PowerPack® battery technology absorbs the peaks in energy usage and will be charged when energy requirement for the crane is low. By using the electric mode you operate the crane 100% emission free on a low sound level without any limitations in usage and capacity.



Zero-emission eLift contains:



PowerPack® battery technology

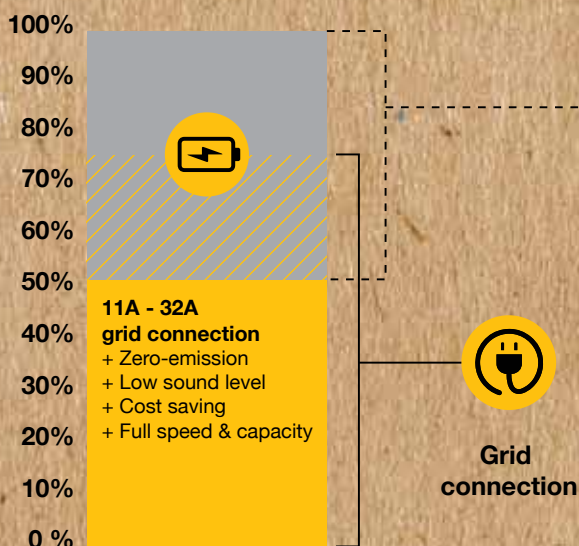


11A - 32A grid connection

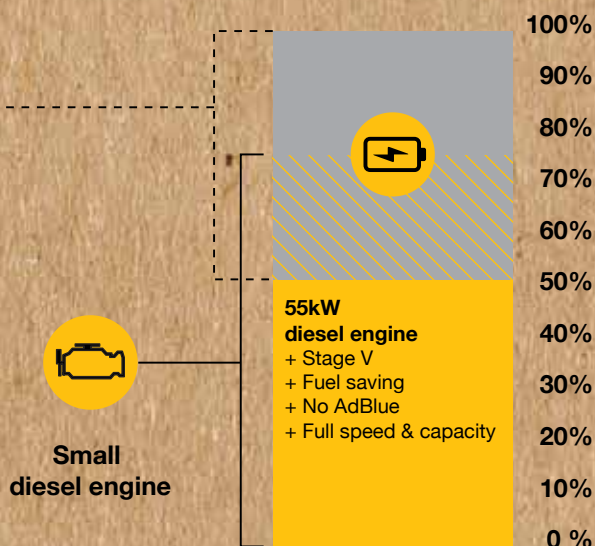


55 kW diesel engine

ELECTRIC MODE



HYBRID MODE



To operate the crane in electric mode it needs to be connected to a **grid connection** which is often available at most job sites. The system can be operated between 11A and 32A which can be pre-set at the display, so there still can be energy left for other equipment on site. The surplus energy of the grid connection is used to recharge the battery of the PowerPack®, so it can be used for peak absorption.

A small **55kW 3-cylinder diesel engine** with the newest Stage V emission certification is the main energy source during hybrid mode. The surplus energy of the diesel engine is used to recharge the battery of the PowerPack®, so it can be used for peak absorption.