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# Electromechanical linear drive

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Max Mårtensson  
Torsgatan 11  
111 23 NL

info@cascadedrives.com  
<https://cascadedrives.com/>  
+46 73 334 55 67

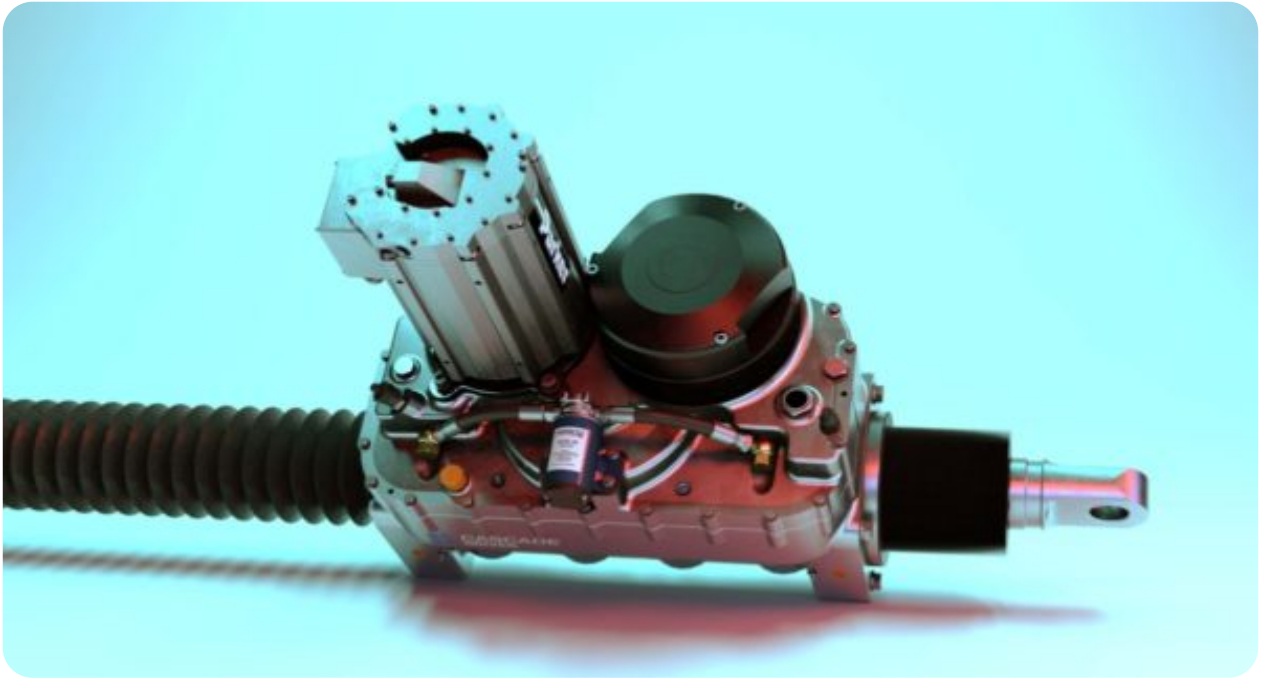
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## De Challenge

A transition to all-electric solutions for industry equipment is required. However, there is no substitute for hydraulic cylinders in large and heavy applications with higher forces, power and robustness requirements.

## De Solution

[Cascade Drives](#)' electromechanical linear drive utilises a unique gearbox technology which enables high performance capabilities of high load and high speed capacity as well as high energy efficiency. The high performance attributes achieved by Cascade Drives technology make it suitable for heavy-duty operations and enables all-electrification in heavy equipment, where it hasn't been possible before.



## De Businesscase

- Combine both high load capacity and high speed.
- Lower life cycle costs .
- Maximises the productivity of customer equipment.
- Reduces emissions, fuel cost and environmental threat.

iTanks innovatie

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