



From Diesel to Zero-Emission

Situation

Cassidy Construction needed to find a way to power the Terex CTL-260 luffing tower crane on a project in Remuera, Auckland.

Available on-site power source

Grid connection only

Load requirements

Terex CTL-260 luffing tower crane

CO₂ Reduced

7 Tonnes per month using 1 x CP300



The grid connection was not large enough to support the crane. Instead of taking the traditional approach and installing a 200kVA generator for the crane, Cassidy chose the CP300 and simply plugged it into their existing temporary site power supply, eliminating the need for a generator all together.

Cassidy are saving money, reducing noise and fumes and are preventing 7 tonnes of CO₂ emissions each month.

Location	Multi-story medical centre, Remuera, NZ.
Site Operator	Cassidy Construction
Power Requirement	150kVA
Crane Type	Terex CTL-260 - 165kVA
Input Feed	16A, 400V 3-phase
CP Battery Model	CP300
Build Date	2024