LOCQUET POWER & LIGHT

HYBRID POWER
Flywheel **P200**

Code: VLIEGWIEL



Specifications

Energy consumption	80 kW extra power
Frequency	50/60 Hz
Voltage	400/480 V
Noise level	58 dBA@7m
Dimensions (WxLxH)	160 x 120 x 151 cm
Weight	± 1.250 kg
Connection	1x 125A CEE M socket

Flywheel **P200**

Kinetic energy for absorbing start-up peaks, ideal for:

- Hoist motors on tower cranes
- Pin welding
- Concrete batching plants
- Pump start-up

The **flywheel** is ideal for absorbing sudden power peaks when engines start up. This allows the diesel generator to be sized more efficiently, resulting in lower diesel consumption and lower CO_2 emissions.

Thanks to the kinetic energy stored in the flywheel, when a load experiences a start-up peak (typically a starting engine), energy is immediately fed into the circuit to stabilise the frequency and voltage of the diesel generator.

When connected to the mains, the flywheel does not intervene based on frequency, but instead, by means of current measurement, injects energy within a few milliseconds when there is a high demand for power.

Up to 80 kW can be injected for 10 seconds, which is sufficient to absorb the start-up peak of a tower crane's hoisting motors.

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