



# MLC250 HYBRID

**Maximum Capacity:** 275 USt (250 t)

**Main boom:** 290 ft (88.4 m)

**Fixed jib:** 80 ft (24.4 m)

**Luffing jib:** 240 ft (73.2 m)



### Reduced Emissions

Smaller diesel engine and electric operation reduces overall machine emissions

### Increased Efficiency

Reduced fuel usage as a result of hybrid operation or charging from shorepower

### Increased Component Life

Reduced hydraulic components wear by limiting idle time on hydraulic system

### Commonality

Maintains capacities, footprint, components and hydraulics from diesel powered MLC250

### Reduced Noise

Limited diesel engine runtime limits the engine noise on site

### Reduced Maintenance Costs

Smaller diesel engine with less hours has lower cost of maintenance and longer intervals between service

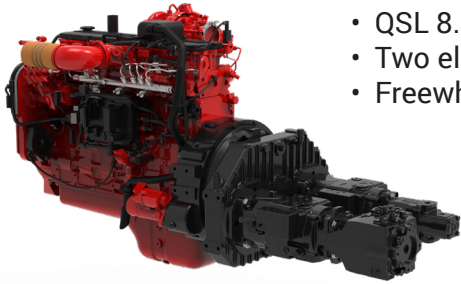
### Built in Backup Power

Parallel powertrains allow for redundant source of power that can act as a built in back up power

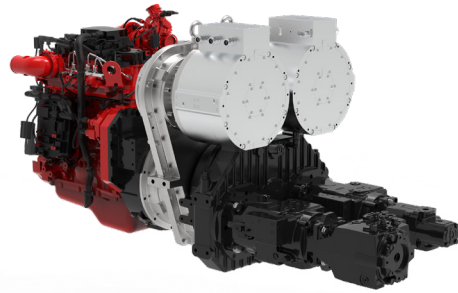
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## MLC250 Hybrid vs Diesel System Comparison

- QSL 8.9L vs QSB 4.5L engine
- Two electric motor/generators
- Freewheel clutch between electric & diesel



Current State



Future State - Hybrid Electric

