

# NEXT GENERATION SHUNTING LOCOMOTIVES



## Introducing future ready Clayton Equipment CB45 Locomotive

Based on proven design, the CB45 is a 45 tonne 2 axle 0-4-0 locomotive. It is a battery only, 100% emission free locomotive with centre cab, designed to provide customers with many of the benefits of a locomotive twice the size.

The low emission, low noise, low operating and maintenance cost locomotive combines increased performance and haulage capacity with improved safety features.

The CB45 locomotive is self-contained with onboard chargers, where battery charging is undertaken from a 3-phase supply, providing 100% maximum emission free solutions.

Fitted with a large battery and using regenerative braking to return energy back to the battery, the CB45 is capable of long-range use without recharging.

### Benefits:

- Battery only - 100% emission free
- Range up to 450 km unladen and 16 km with 1,200 tonnes
- Tractive Effort up to 180 kN (see graph)
- Haulage up to 3,000 tonnes (coupler limited)
- Zero emission
- Low noise

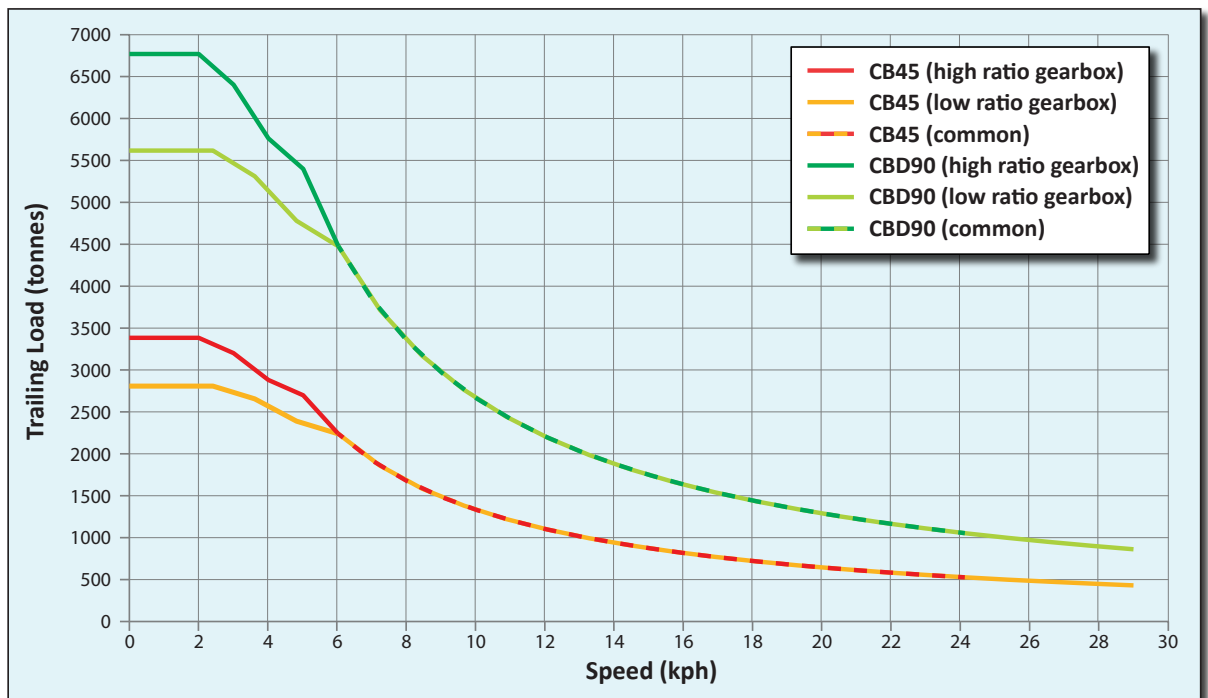
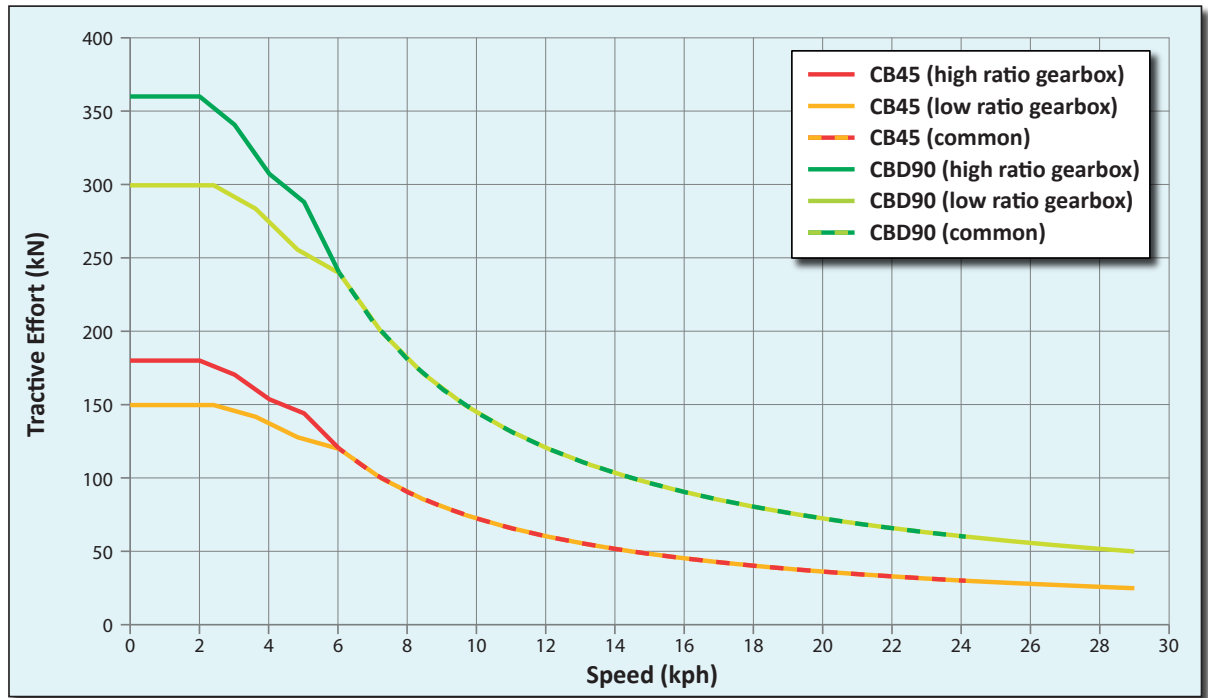
### Improved safety including:

- Speed limited with overspeed protection
- Deadman's vigilance device
- CCTV
- Remote control
- Failsafe braking
- Better line of sight
- Better driver's cab environment
- Remote diagnostics (IoT)



The only locomotive supplier from 1.75 to 150 tonnes

# THE POWER OF LESS



Gearbox ratios from 6:1 to 15:1;  
Higher tractive effort options available including CB50, 50 tonne option.

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ISO9001:2015 certified

