



# Technical specification

The **Cardok** is lifted by means of an electro-hydraulic system.

## Electrical Requirement

**240v 32 amp** 3 phase supply is preferable, but Cardok can be adapted to run on a 240v 32 amp single phase supply.

## Power Consumption

**Cardok is very** energy efficient. It only requires about the same amount of energy to operate through one cycle as it takes to boil a kettle of water.

## Structural Design

**Design has** been carried out using the latest finite element software. However, site conditions need to be expertly assessed to ensure that they remain within defined parameters.

The standard Cardok's total lifting capacity is 10 tonnes. Each platform will support a safe working load of 3 tonnes.

## Surface Protection and Finish

The **gutter** and tank sides are treated against corrosion, giving maintenance-free protection for the life of the Cardok.

An Aluminium checker plate finish provides a durable non-slip surface, which will give many years of service before requiring maintenance.

A 40mm deep tray is fitted on the top platform as standard, and can be finished with a covering to match the surrounding area. A deeper tray up to 50mm can also be fitted, to accommodate almost any surface treatment. The covering can have a mass of 1.4 tonnes without affecting the safe working load of the platforms, meaning Cardok is almost un-noticeable when in the lowered position. When raised, the top platform and support posts are very slender and constructed from fully welded box section.

## Safety

**Operation is** by hand-held radio control device and is "hold to run". The operator must at all times ensure that he or she has full visual command of the moving platform and can react to stop the lift from moving by simply releasing pressure from the command button on the remote control unit.

A standard Cardok is supplied as a fully assembled and tested unit within a watertight tank. Any build up of water in the sump (from vehicles dripping or driving rain when the platform is raised) is pumped away via a filtered automatic sump pump.

## Hydraulic Operation

The **power** unit is situated in the service area of the Cardok and is extremely quiet when operating. Lifting and lowering time is less than thirty seconds each way. In the unlikely event of a power cut each Cardok is supplied with a small back-up generator so you will always be able to access your car.