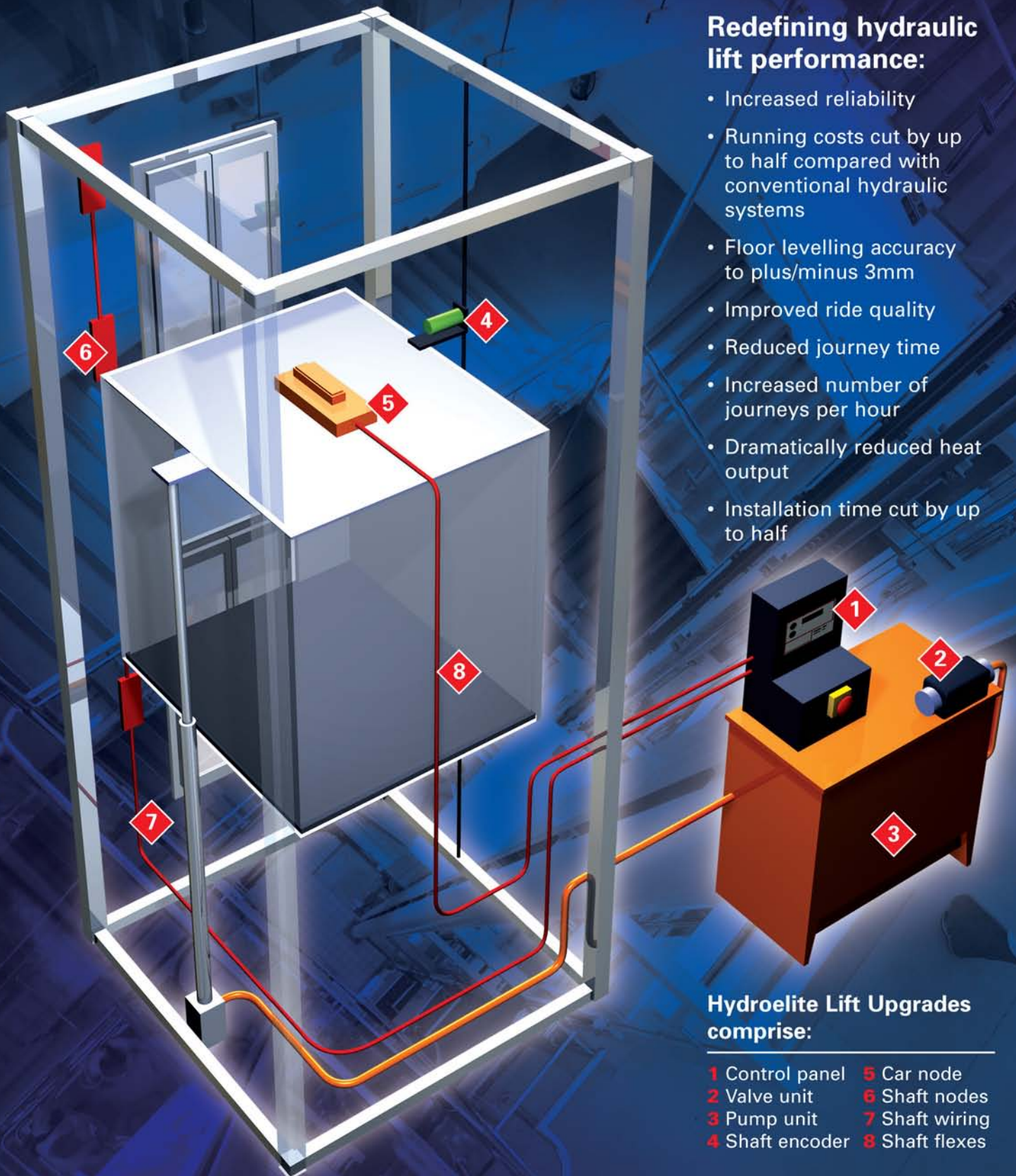


## Hydraulic lift upgrades with the Hydroelite Drive & Control System

### Redefining hydraulic lift performance:

- Increased reliability
- Running costs cut by up to half compared with conventional hydraulic systems
- Floor levelling accuracy to plus/minus 3mm
- Improved ride quality
- Reduced journey time
- Increased number of journeys per hour
- Dramatically reduced heat output
- Installation time cut by up to half



### Hydroelite Lift Upgrades comprise:

- |                 |                |
|-----------------|----------------|
| 1 Control panel | 5 Car node     |
| 2 Valve unit    | 6 Shaft nodes  |
| 3 Pump unit     | 7 Shaft wiring |
| 4 Shaft encoder | 8 Shaft flexes |

# Hydraulic lift upgrades

with the Hydroelite Drive & Control System

## Hydroelite™ system overview

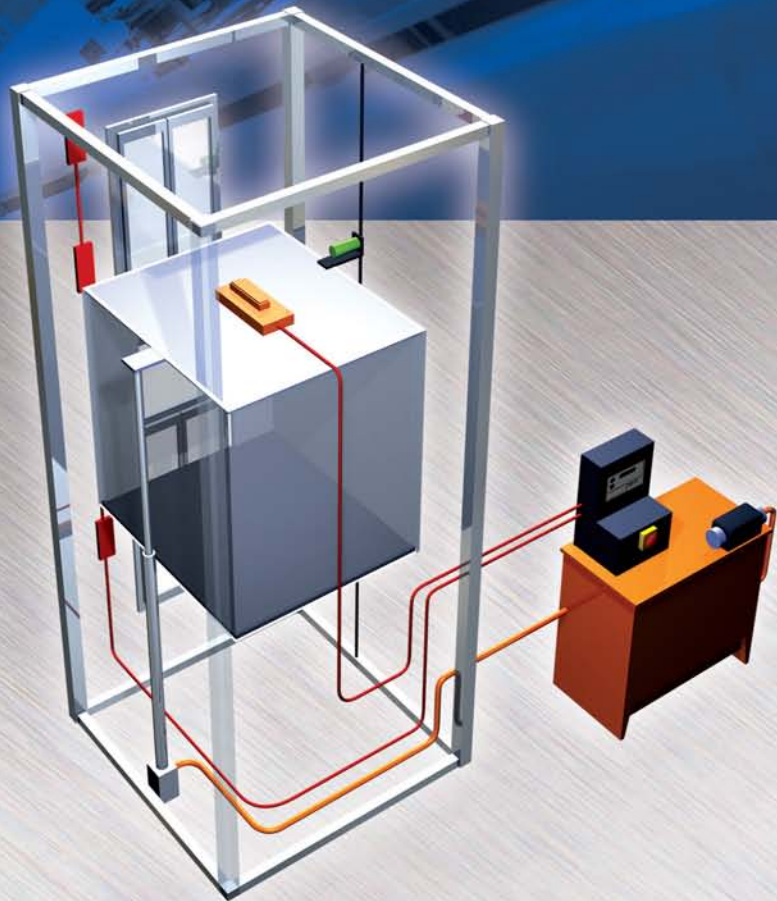
Hydroelite is an integrated control and drive system specifically designed for hydraulic elevators.

This unique modernisation package comes complete with all shaft wiring, shaft switches and position encoder. A node communication box at each landing and on top of the lift car ensures easy local wiring, thus reducing the installation and down time of the lift modernisation.

This shaft position encoder is accurate to 0.02 of a millimetre and is responsible for controlling all slowing, stopping and floor levels of the lift.

The combination of shaft encoder, servo valve unit and control panel, ensures that the ride experienced is always smooth and accurate. The lift will arrive directly at floor level reducing journey times, running costs and heat generation.

Due to the latest technology, the lift service engineer can easily diagnose any faults and plan maintenance procedures via the control panel display and error log. This unique system does not require any service or diagnostic tools to carry out day-to-day maintenance.



## Key Benefits:

- **Reduced journey times and energy consumption**, means significantly reduced running costs.
- **Increased reliability**, with the benefit of planned maintenance specific to each lift installation.
- **Improved ride quality** – smooth acceleration and deceleration for increased passenger comfort.
- **Floor level accuracy to plus/minus 3mm** – no trip hazard or step for wheelchairs, buggies or trolleys.
- **Reduced heat output** resulting in lower demand on air conditioning.
- **Greatly reduced installation time** means less inconvenience and disruption.



Power unit



Position encoder



Car node



Floor node

For further information about Hydroelite Lift Upgrades, call us on **01296 480400**