



5 YEAR GUARANTEE

2 WEEK DELIVERY

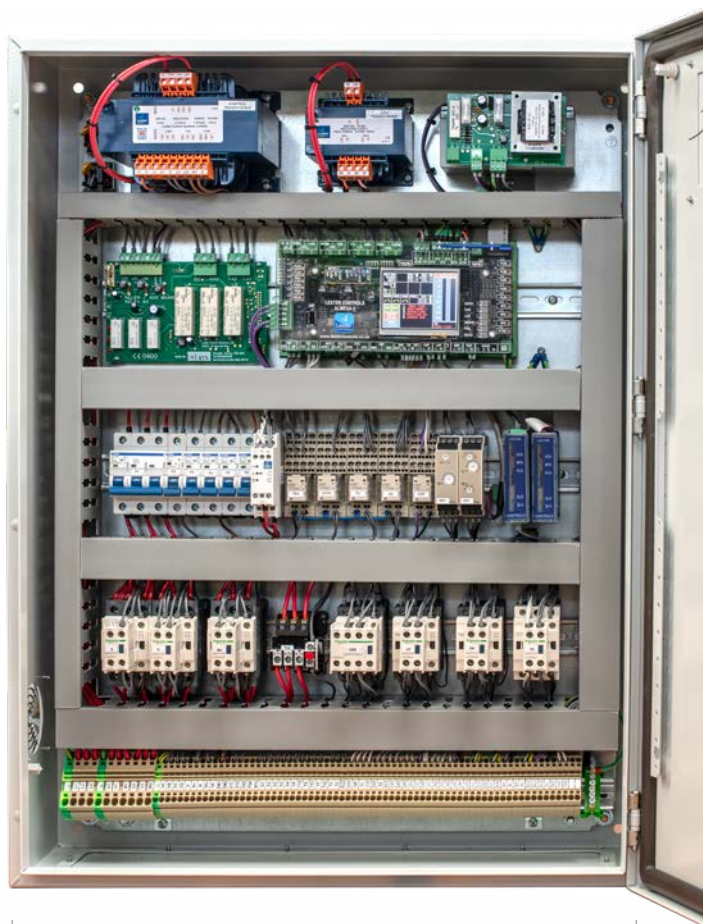
THE UK'S LARGEST  
INDEPENDENT LIFT  
CONTROL PANEL  
MANUFACTURER

## LESTERXpress HYDRAULIC

Lester Controls is delighted to announce the revised LesterXpress Hydraulic controller. With two weeks from order to delivery, the Lester Xpress gives all the features that the Almega II controller enjoys – faster!

### HYDRAULIC FEATURES

- Up to & including the option for 8 floors
- APB / down collective / fully collective / non-selective collective options
- Hydraulic valve options of 48v / 55v / 110v / 185v / 220v, configurable on site
- Hydraulic valve options supported: Blain, Algi, GMV, Morris, Leistriz, Bucher ELRV or similar (note: not VVVF applications)
- To suit motors of up to 20kw S/D
- Re-levelling as standard
- Hand-lowering as standard
- User-friendly touch screen MMI for parameter adjustment and fault diagnostics
- 250 Most recent events stored
- Lester Controls indicator serial connection for TC3, HDI & TFT inbuilt as standard
- 24v DC wire per floor / binary indicator output options
- Standard 24v DC car and landing call acceptance is standard
- Manual doors or signal type VVVF type door interface as standard
- 3 Phase door module & A3 as an optional extra cost - 1 week lead time
- Fully compatible with Lester Controls Almegawin software
- Bi-stable switch for up test limit operation
- Single car mounted limit switch for overtravel
- CEDES dual camera APS for shaft positioning
- Screened twisted pair flex and VIC interface board included

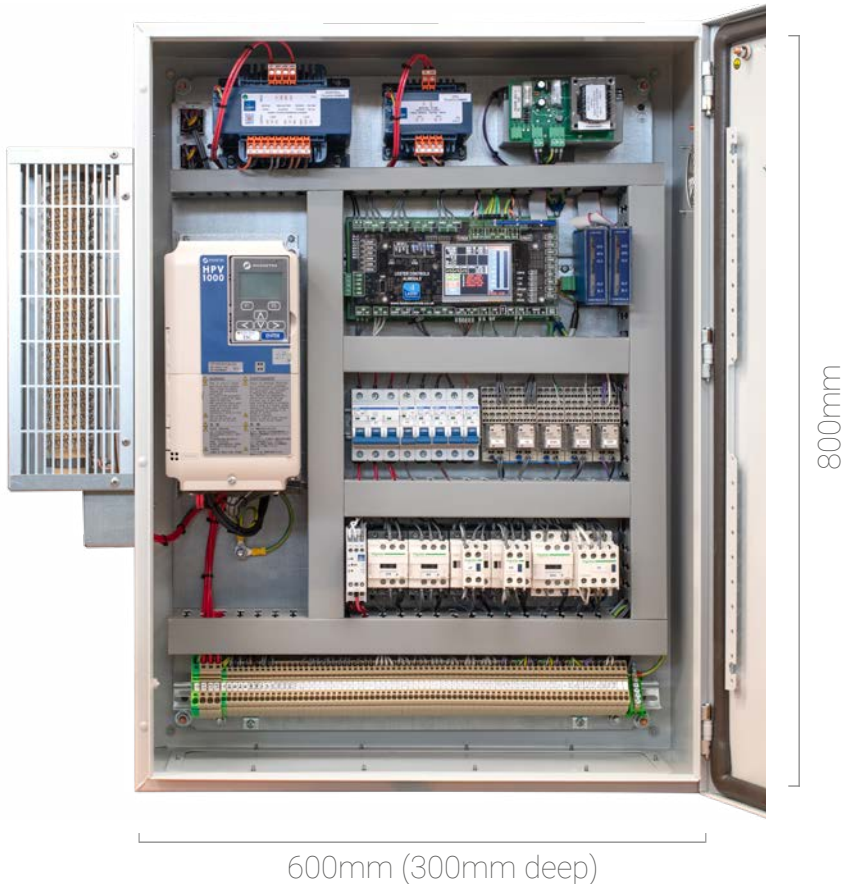


800mm

600mm (200mm deep)

# LESTERXpress TRACTION

Designed and built specifically to address the needs of customers requiring quality but basic lift controllers. Delivered from stock to site within 2 weeks!



## TRACTION FEATURES

- Up to & including the option for 8 floors
- APB / down collective / fully collective / non-selective collective options
- Brake / retiring ramp options of 55v / 110v / 185v / 220v configurable on site
- Magnetek HPV 1000 Inverter, up to 15kw (31amps)
- Speeds up to 1.0m/s open loop or 1.6m/s closed loop (with encoder card additional extra cost) DTF is standard on closed loop option
- Hand winding as standard
- User-friendly touch screen MMI for parameter adjustment and fault diagnostics
- 250 Most recent events stored
- Lester Controls indicator serial connection for TC3, HDI & TFT inbuilt as standard
- 24v DC wire per floor / binary indicator output options
- Standard 24v DC car and landing call acceptance is standard
- Manual doors or signal type VVVF type door interface as standard
- 3 Phase door module & A3 as an optional extra cost - 1 week lead time
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- Bi-stable switch for up test limit operation
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- CEDES dual camera APS for shaft positioning
- Screened twisted pair flex and VIC interface board included

## CEDES ABSOLUTE DUAL CAMERA POSITIONING SYSTEM

Lester Controls have utilised the Cedes APS dual camera/twin CAN facility and applied this to provide a position control system with inbuilt "redundancy". This system means that there is no need to install terminal floor slowing/reset limits, even on elevators at 5m/s.

The two Cedes APS CAN outputs are connected to two separate CAN inputs on the Almaga II processor (car CAN and position CAN).

The position CAN is used for Direct-to-Floor (DTF) Operation whereas the car CAN is used for the slowdown check.

Additionally, a comparison of the two APS positions is made to double check the APS is working correctly.

In the unlikely event of a car CAN failure/check error, the Almaga II will detect a "slowdown check" error and reduce the lift speed to 0.5m/s to give a reduced lift operation. This development has been tested and evaluated at the National Lift Tower in Northampton.

### OPTION - FULL SERIAL PACKAGE

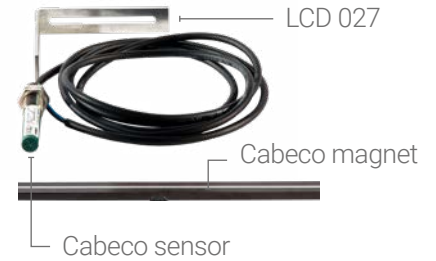
- Flexibus shaft CAN network, c/w landing push nodes & all leads for landing pushes / indicators
- VIC-SP Board fitted
- Car Flex Junction (Halfway Box)
- Trailing Flexes
- Car + Landing Nodes c/w all leads

# LESTERXPRESS SHAFT PACKAGE

## CEDES APS Shaft Positioning System



## Cabeco Proximity Door Zone/Relevel



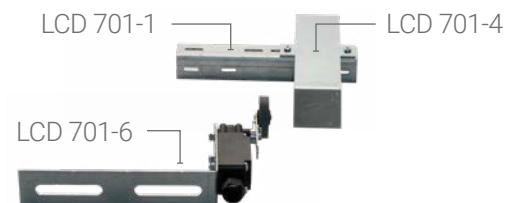
## Bi-Stable Switch/Magnet Set-up Terminal Up/Down Slow & Up Test Limit



## Hydraulic Overtravel Limit Direct Acting, Car Top w/ CEDES



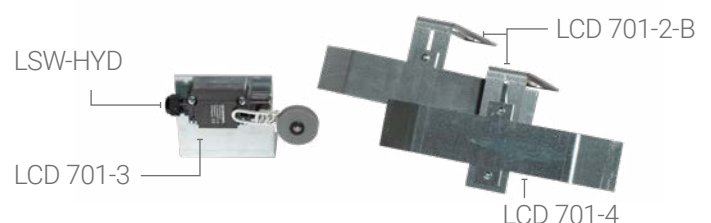
## Hydraulic Overtravel Limit Indirect Acting on RAM head



**CEDES**



## MRL Traction Overtravel Limit



# LESTERXpress

## CAR & LANDING PACKAGE

Fixtures available from stock at additional costs below:

- Surface Mount COP with car load engraving to suite HDI32 indicator
- Floor pushes, door open push, alarm push & keyswitch
- Voice card option
- EN Buzz included
- Car Top Control and Half Way Box available as an option
- Bespoke COP's, LOP's, LIP's available as extra costs
- TFT 43 & 70 indicators available

**Surface Mounted COP**  
5,8 & 11 Button Options

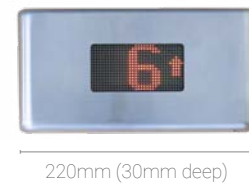


**Surface Mount**  
1 Button 250  
LOP c/w  
Buzz



**Surface Mount**  
2 Button 250  
LOP c/w  
Buzz

**Surface Mount**  
HDI32 S/M LIP + Gong



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