

ROBUSTA HA - doors for modernisation & new lifts, is the heavy duty smart choice solution to replace existing GAL, Otis 6970, Express, Propbrook, plus many others. Using our intelligent Fermator energy efficient VVVF & permanent magnet motor, we offer the latest in door technology together with incorporating the extensive heavy duty mechanical requirements of UK Council Specification.

HA Features:

- Zone locking skate & anti vandal fixed ramp
- Skate & pick up roller on rear of panel (1pso)
- Heavy duty door panel - double face with 1.5mm steel cladding
- Typical 1 panel side opening 800 mm door panel = 85 Kg
- Drop down lock release (Option: Euro Solenoid AV Key)
- Operator fully protective anti-vandal over for the entire clear opening width
- Upper fixings tapped holes in large steel profile
- Battery backup / power failure / drive open in zone for passenger reassurance

VVVF Drive & PM Motor:

- Matched motor / VF software for outstanding control
- Absolute positioning 1mm/smart auto adjustment
- Detection obstruction, intelligent speed reduction
- PM motor 50% more energy efficient than Industry standard
- Motor temperature monitoring
- Simple adjustment through built in console

Acoustic Enhancements & Ride Quality:

Noise & performance are a key factor in the Local Authority sector due to higher number of leaseholders in blocks.

- Gravity weight closer - consistent force throughout open/close cycle (Option: Spring closer)
- Counterweight tube – insulated felt
- Metal hanger roller 92mm Ø
- Sealed bearing / 3 times heavier than Industry standard
- 10% larger diameter than Industry standard

Installation / Maintenance:

- One Stop Shop - panels & goalpost
- Slim operator chassis – clearer car top space
- Easy clutch adjustment
- Less moving parts / Low maintenance
- Superior roller/track – prolonged life cycle
- Extensive diagnostics

The Right Door For
The Right Application

HEAVY DUTY DOORS

Local Authority

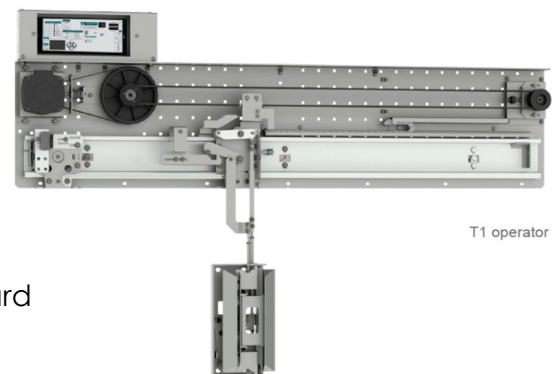
Sheltered Housing

Offices / Hospitals

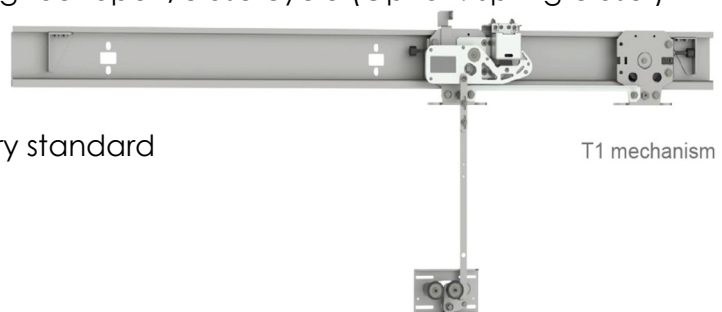
Supermarkets / Retail

Schools / Universities

Car Parks



T1 operator



T1 mechanism

PARTIAL ROBUSTA HA UPGRADE OPTIONS TO REPLACE EXISTING GAL

ROBUSTA HA CAR OPTIONS:

- **Fit New Operator & Clutch Only**
Retain existing door panels and sill. Easy pick up on existing fixings
Retain existing landings and couple up with existing equipment
- **Fit New Operator, Door Panels & Sill Only**
Dimensionally compatible
Retain existing landings and couple up with existing door equipment

ROBUSTA HA LANDING OPTIONS:

- **Fit New Top Tracks Only**
Retain existing door panels & headers
Robusta HA is compatible with the existing centres/fixings
- **Fit New Top Tracks & Headers Only**
Retain existing door panels
New Headers to suit your installation

COMPLETE ROBUSTA HA ENTRANCES TO REPLACE EXISTING GAL

- **Fit Complete New Car Set**
Robusta HA operator, door panels & sill
- **Fit Complete New Robusta HA Entrances comprising:**
Top tracks, header, door panels, goal post, sill & sill support

FIT DOOR FRAMES / ARCHITRAVES:

- **Full Depth Landing Architraves**
To be supplied by others - landing entrances fire rating to EN81-58 E120 when backfilled landing architraves are supplied in accordance with Global1Partners requirements.

or

- **30mm Deep Fire Trim from Global1Partners Ltd**
Trim can be offered to achieve fire rating to EN81-58 E120 in accordance with Global1Partners requirements.

ROBUSTA HA OPTIONS:

- Available in a variety of finishes
- Aluminium & bronze sill options
- Vision panels
- Safety edge recessed in door option

