

# The Econo Range

## Machinery Directive Passenger Carrying Lifts

Until very recently, all new passenger carrying lifts installed in EC countries had to comply with harmonised European legislation under the Lifts Directive 95/16/EC. The only exceptions to this were disabled access stair lifts and platform lifts.

Under the dictates of the revised Machinery Directive 2006/42/EC, which came into force on 29th December 2009; ANY passenger carrying lift with a travel speed of no greater than 0.15m/s is subject only to the Machinery Directive and is excluded from the Lifts Directive. This enables lift suppliers to provide a more straight-forward solution to problem sites, particularly those with shallow pits and low headrooms.

Shorts have been working closely with our European partners to bring the UK Lift Industry a comprehensive range of Machinery Directive Passenger Carrying Lifts for a wide variety of applications.



- Suitable for shallow pit and low headroom applications
  - Using retractable roof balustrade with sensor
  - Telescopic toe guard with sensor
  - Shaft pit prop with sensor
- Travel speed of 0.15 m/s
- Enclosed car with roof and car doors
- Automatic push button control in car
- Press to call push on landings
- Low energy hydraulic drive
- Semi-Automatic or Automatic doors on car and landings
- Available with self-supporting structure - cladding as an option
- Power unit and controller in a small standalone cabinet
- Wide choice of car finishes, door options, COP and LOP types



### PASSENGER LIFTS

Model	EM-180	EM-225	EM-300	EM-375	EM-450	EF-450	EF-630	EF-1000
Rated Load (kg)	180	225	300	375	450	450	630	1000
Persons	2	3	4	5	6	6	8	13
Max Travel (m)	15	15	15	15	15	25	22	30
Max Speed (m/s)	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Min Pit Depth (mm)	200*	200*	200*	200*	200*	350	350	400
Min Headroom (mm)	2450**	2450**	2450**	2450**	2450**	2600	2600	2600

\* Min Pit Depth for 2-stop lifts only. Min Pit Depth 350mm for 3-stops and above

\*\* Min headroom based on semi-automatic doors. Min headroom 2600mm for fully automatic doors



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