

A black and white photograph of a man in a dark sweater pushing a metal pallet through an open elevator door. The pallet is loaded with several large white plastic buckets. The elevator interior has a dark, textured floor. The background shows a hallway with a door and some ceiling lights.

# ACTUE GOODS PASSENGER LIFT

ACUTE

ELEVATORS



When ACUTE was established in November 2013 by a team of well trained lift engineers, its business course was very promising. Their experience of the UK lift market, but also their passion and vision, set a strong basis for the creation of a modern and innovative company.

The company's head offices based in Kent cover the south of England. In 2021, Acute Elevators (North) was founded, based in Manchester to increase the service levels in the North of England.

The staff consists of 14 engineers, technicians and office employees/engineers who have thorough knowledge of modern technologies and application in the installation and maintenance processes. Furthermore, the absolute coordination between the departments, After Sales, Procurement, Sales, Marketing and HR, is forming ACUTE's staff to a dynamical team.

Therefore, a natural consequence of ACUTE's organisation, function and philosophy is not only to create, but most of all to maintain its long term cooperations with all clients.



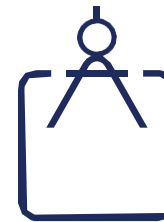
Cargo Lifts.



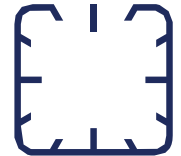
Spare Parts.



Accessories.



Technical  
Specs.



24h Support.



Safety.



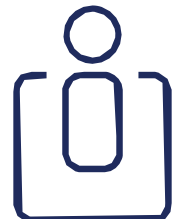
Ecology.



Accessibility.



Advantages.



Information.



# Advantages

A number of strategic advantages have contributed to ACUTE's profile as an innovative, constantly rising and particularly competitive company:

- ▶ Quality Assurance System complies with ISO 9001:2008.

All products fully meet the requirements of the relevant regulations of the European Union and the UK. Furthermore, ACUTE is paying attention so that all suppliers also have the necessary certifications to ensure the same high level of quality.

- ▶ Integrated lift solutions and lift components from design and final installation, to service and maintenance after sales.

- ▶ Adjustment according to the needs and specific requirements of every customer. We analyse, design and manufacture even the most demanding expectations.

- ▶ 24/7 technical support for the installation and maintenance of its products.

The company has given a new meaning to the term After Sales in order to be able to assure that there is always a qualified technician behind every ACUTE product.

- ▶ Research, management and service according to the different needs of every market.

- ▶ Reliable installation, maintenance and operational control systems strictly and only by authorized partners and distributors.





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Goods Passenger Lifts / Cargo Lifts

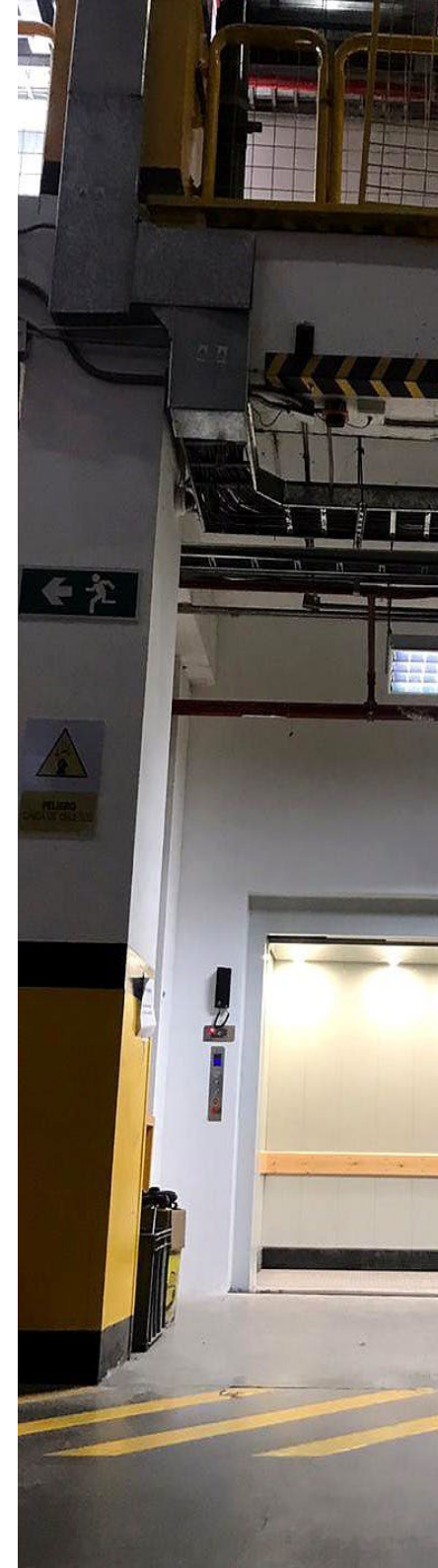
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# GOODS PASSENGER ELEVATORS

Your Heavyweight Choice

ACUTE's cargo lifts -hydraulic and traction- are forged in order to withstand every hardship, satisfying even the most demanding requirements of functionality.

Some of the main features are:

- Stiffness
- Safety
- Reliability
- Aesthetic
- Ease of installation.

Materials such as galvanized, epoxy painted steel sheet, or even stainless steel can be used, which stand out for high durability and protection from damage due to frequent, heavy and long-term use. They are mainly used for heavy duty industrial applications, warehouses, super markets, parkings, hospitals and commercial centres.



## Proposed Material

### False Ceilings



FC4



FC10



FC11

### Side Walls



Epoxy 501  
Black



Epoxy 501  
Silver



Epoxy 501  
Bronze



Stainless St.  
Leather



Stainless St.  
Dama



Stainless St.  
Blue Mirror

### Floors



Aluminum  
Diamond Checker  
Plate



Steel Themis  
Orzo (Painted)



Steel Diamond  
Checker Plate



Plastic Floor  
PF5



Plastic Floor  
PF1



Starlight  
Sapphire



Cover Image  
Cargo Lift ►

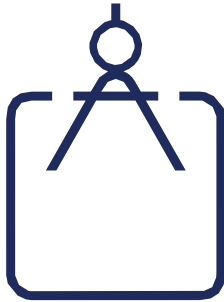
Left Image  
Cargo Lift ►

Right Image  
Cargo Lift, Super Market ►

[www.acute-elevators.co.uk](http://www.acute-elevators.co.uk)







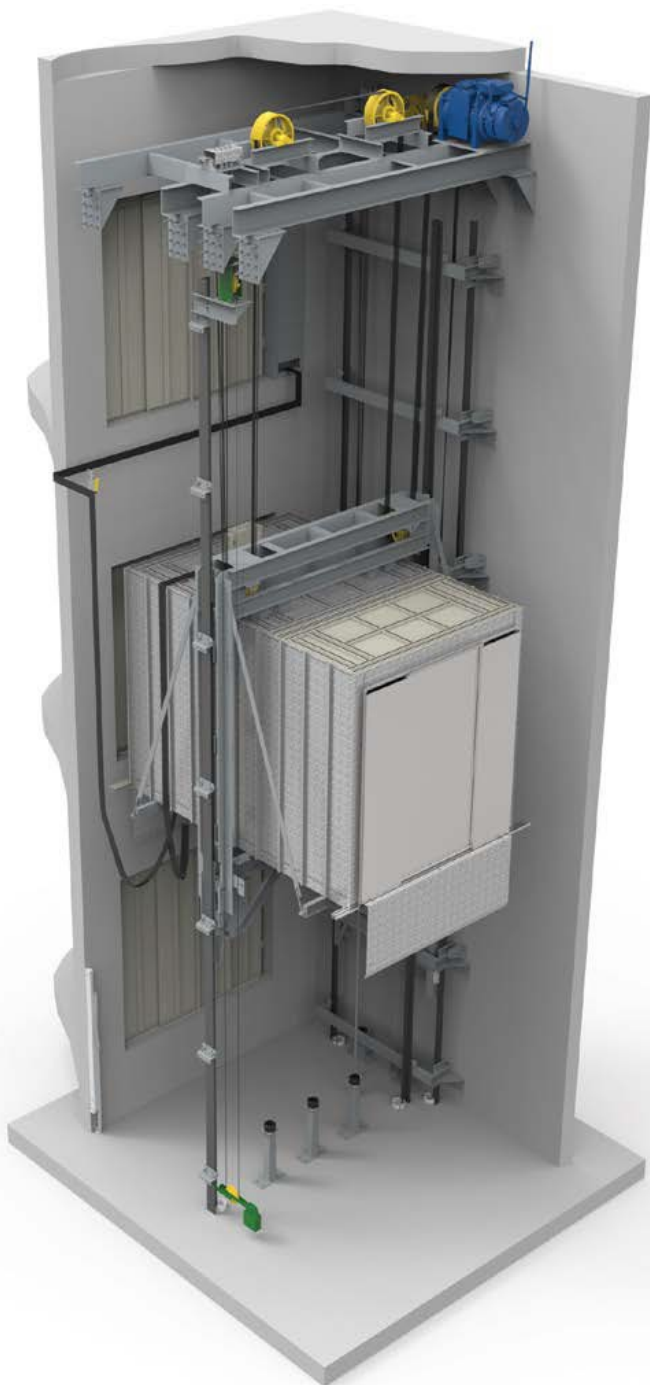
# Technical Specifications

Take a Look Inside

ACUTE offers a comprehensive range of elevator solutions designed to meet vertical transportation needs.

We have the right application for every kind of building either residential or commercial. We design and manufacture products keeping high quality and safety standards.

Our product range comprises both traction and hydraulic lifts for the transportation of passengers, cars as well as small and heavy freight.



# Traction MR/MRL Cargo

## Features:

- ▶ Capacity up to 20.000kg
- ▶ Speed up to 1 m/sec
- ▶ Standard Automatic Emergency Operation
- ▶ All equipment located within the lift shaft
- ▶ Smooth and quiet driving unit situated within the head of the shaft
- ▶ Compliance with Directive 95/16/EC and European

Standards EN 81 Series

Specifications			
Rated Load (kg)	4.000	6.000	8.000
Door Type	4PC/6PC	4PC/6PC	4PC/6PC
Door Opening (mm)	1.900x2.000 2.100x2.000	2.100x2.000 2.300x2.000	2.400x2.000 2.700x2.000
Car Depth (mm)	3.200	4.000	4.600
Car Width (mm)	2.300	2.650	3.000
Shaft Depth (mm)	3.750/3.910	4.550/4.710	5.150/5.310
Shaft Width (mm)	3.100	3.450	3.900
Pit Depth (mm)	1.750	1.750	1.750
Headroom* (mm)	4.000	4.100	4.250

\* For internal Car height 2100mm



# Twin Jack Indirect [1:2] Acting Hydraulic Lift

## Features:

- Compliance with Directive 95/16/EC and European

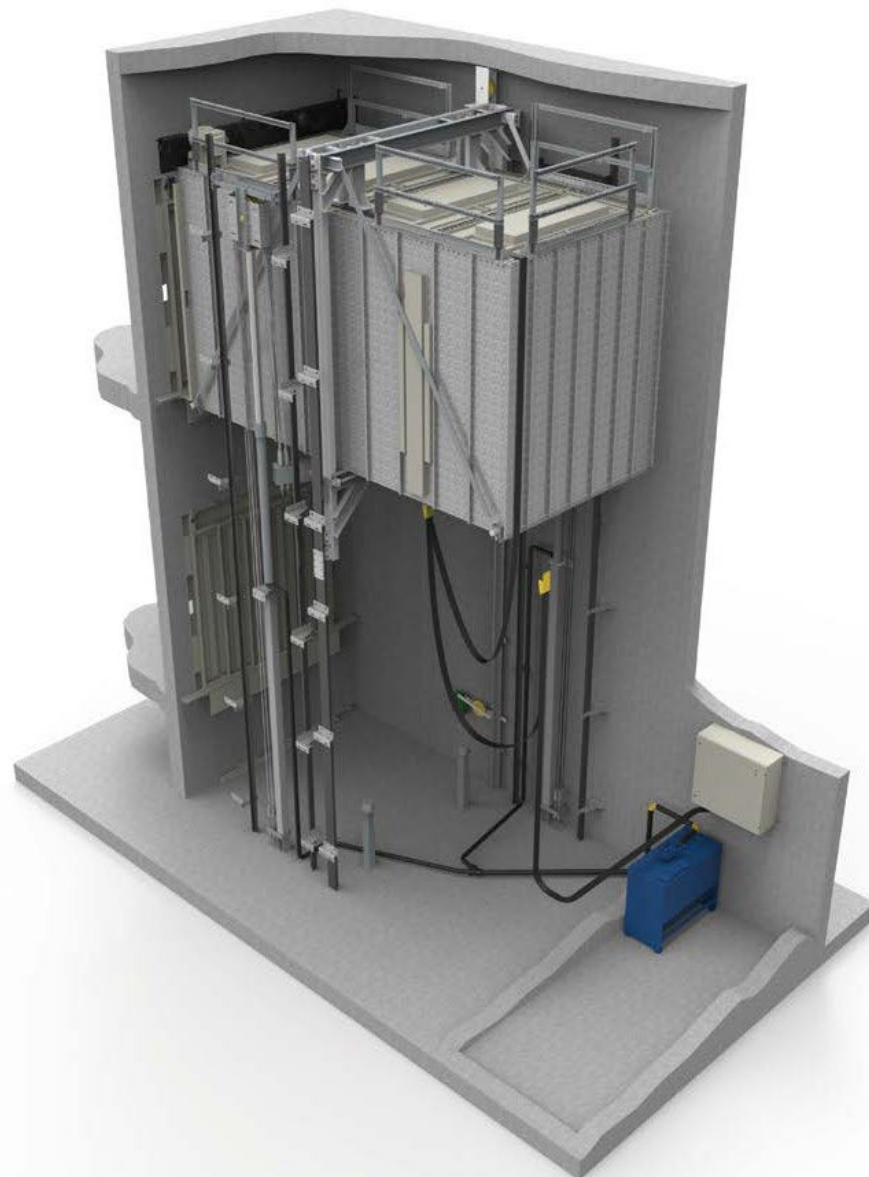
Standard EN 81-2 + A3

- Lifting Capacity up to 20.000kg
- Speed up to 0,63 m/sec
- Travel up to 18m (7 stops)
- Low noise and smooth operation
- Available with various cabin types
- Standard Automatic Emergency Operation
- Machine room at any location in relation to the lift shaft
- Double COP in case of through car arrangement

## Specifications

Rated Load (kg)	1.500	2.000	3.000
Door Type	4PC	4PC	4PC
Max Door Opening* (mm)	1.400x2.000	1.500x2.000	1.800x2.000
Car Depth (mm)	2.400	2.600	3.000
Car Width (mm)	1.400	1.600	1.900
Min Shaft Depth (mm) Single Entrance	2.800	3.000	3.400
Min Shaft Depth (mm) Through Car	2.950	3.150	3.550
Min Shaft Width (mm)	2.250	2.550	2.900
Min Pit Depth (mm)	1.200	1.200	1.200
Min Headroom* (mm)	3.300	3.300	3.300

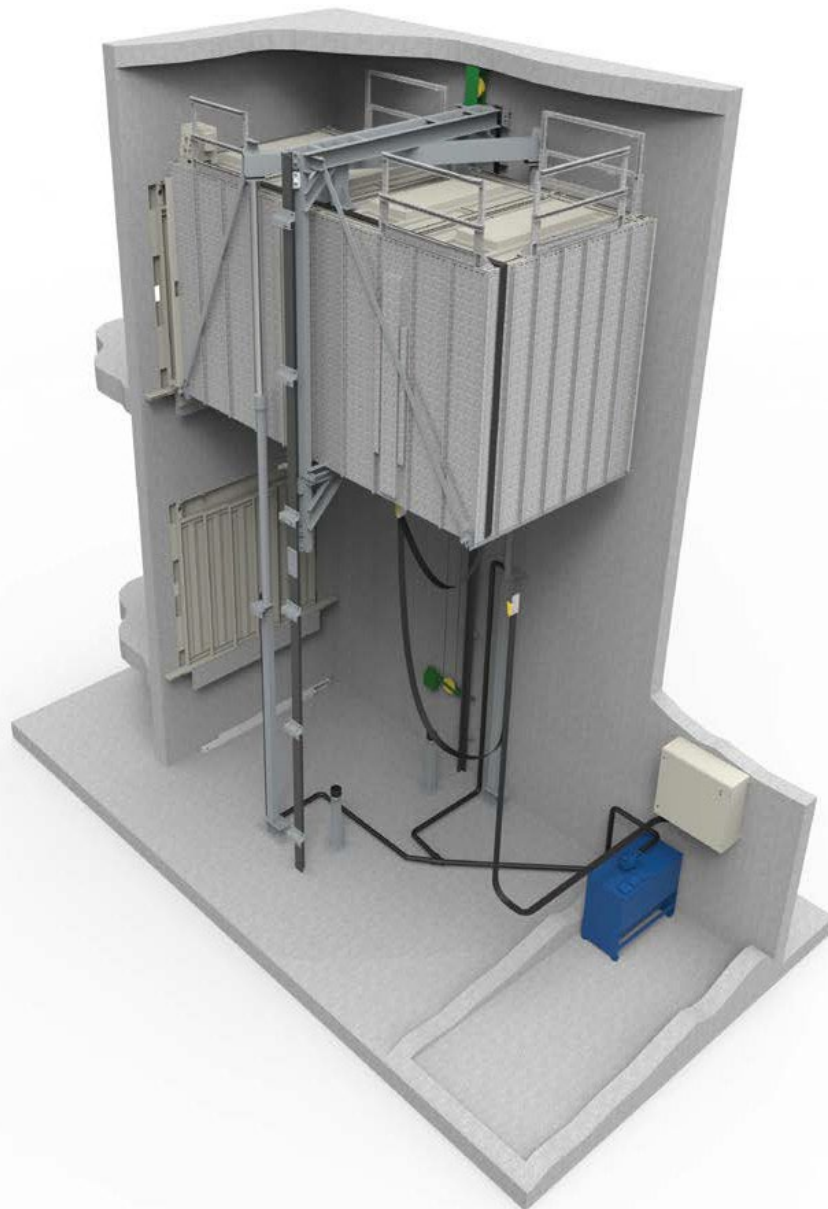
\* For internal Car height 2100mm



# Twin Jack Direct [1:1] Acting Hydraulic Lift

## Features:

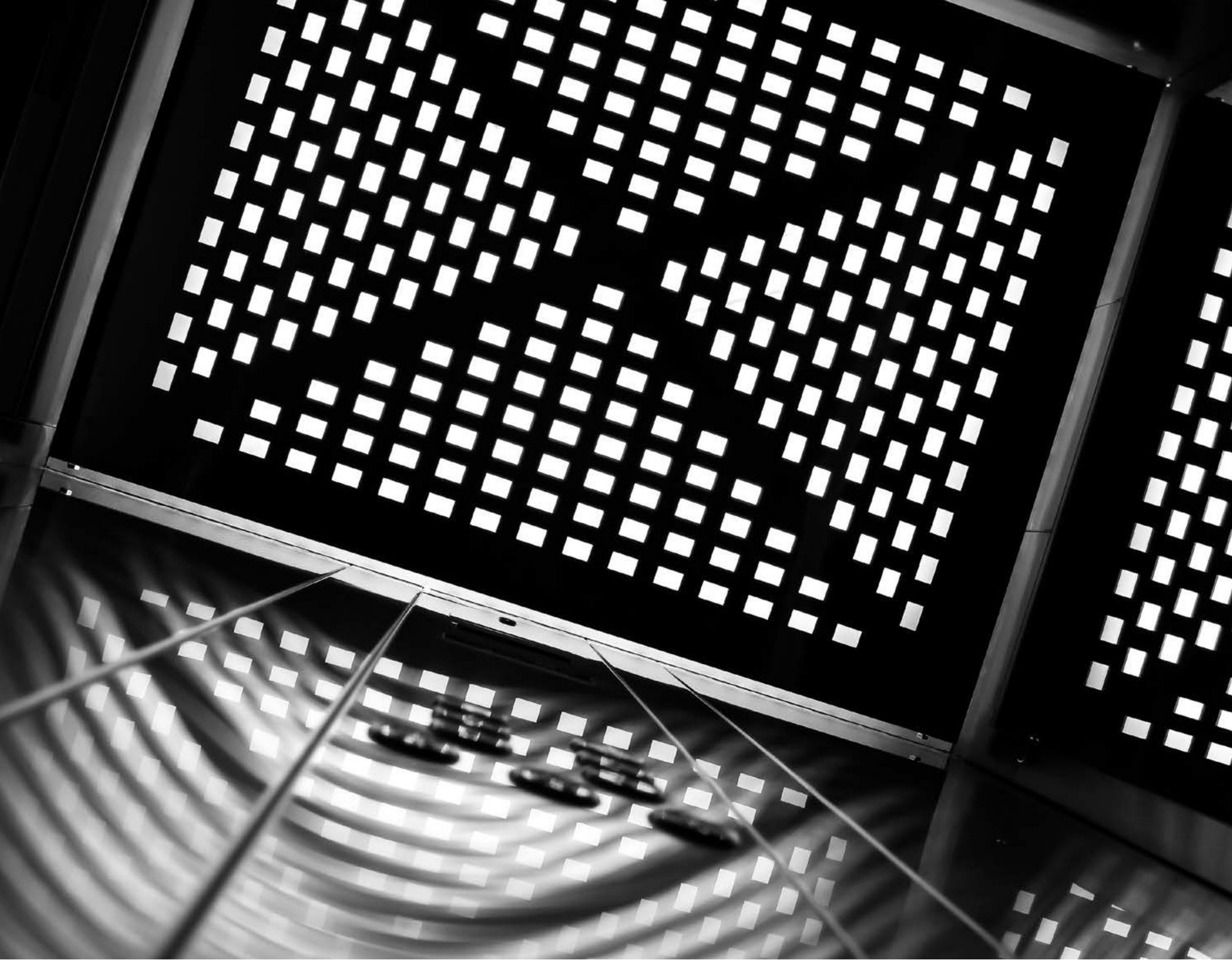
- ▶ Compliance with Directive 95/16/EC and European Standard EN 81-2 + A3
- ▶ Lifting Capacity up to 20.000kg
- ▶ Speed up to 0,63 m/sec
- ▶ Travel up to 18m (7 stops)
- ▶ Low noise and smooth operation
- ▶ Available with various cabin types
- ▶ Standard Automatic Emergency Operation
- ▶ Machine room at any location in relation to the lift shaft
- ▶ Double COP in case of through car arrangement

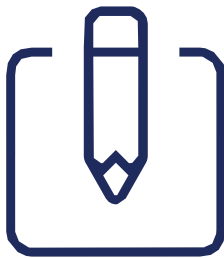


## Specifications

Rated Load (kg)	1.500	2.000	3.000
Door Type	4PC	4PC	4PC
Max Door Opening* (mm)	1.300x2.000	1.400x2.000	1.700x2.000
Car Depth (mm)	2.400	2.600	3.000
Car Width (mm)	1.400	1.600	1.900
Min Shaft Depth (mm) Single Entrance	2.800	3.000	3.400
Min Shaft Depth (mm) Through Car	2.950	3.150	3.550
Min Shaft Width (mm)	2.100	2.400	2.750
Pit Depth (mm)	1.200	1.200	1.200
Headroom* (mm)	3.300	3.300	3.300

\* For internal Car height 2100mm





# Accessories

Make Your Lift Unique

The details are not the details. They make the design. ► Charles Eames

Create the cabin that appeals to your style.

ACUTE offers a great range of materials and colours giving you the opportunity to create the ideal cabin for your needs.

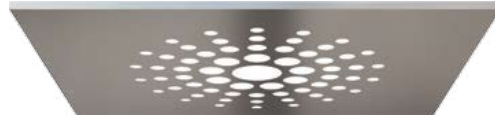
Choose among different kinds of side walls and floors and choose a fantastic false ceiling to light the cabin up. Add handrails, mirrors and operating panels to complete the interior design.

Combine granites, tiles, carpets, laminates, steel and wooden panels to lift the style up!

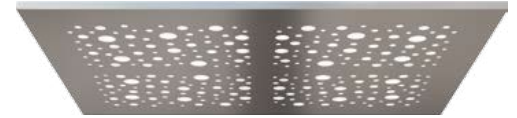
# False Ceilings



FC1



FC2



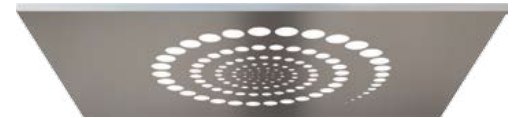
FC3



FC4



FC5



FC6



FC7



FC8



FC9



FC10



FC11



FC12



FC13



FC14



FC15





FC16



FC17

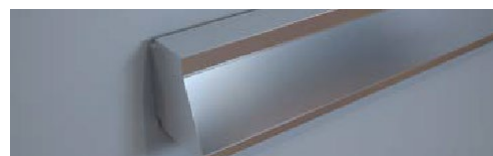
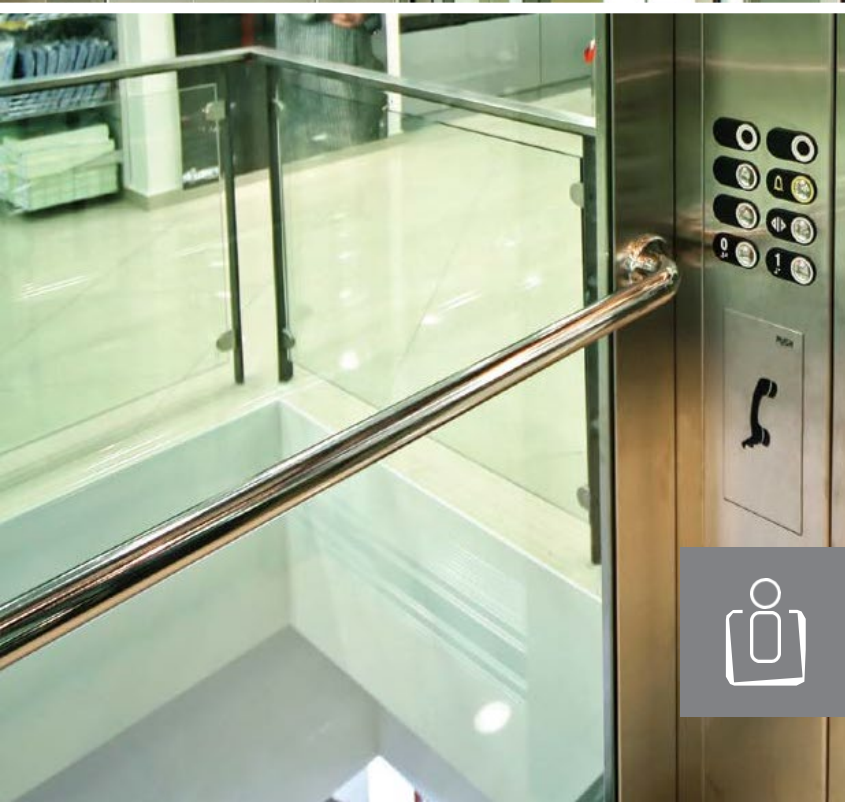


FC18



FC19

## Handrails



HR1



HR2



HR3



HR4



High resolution images can be found on our website.

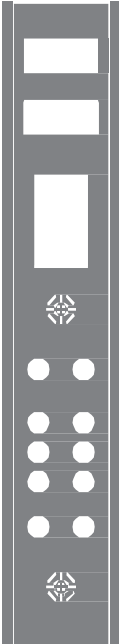

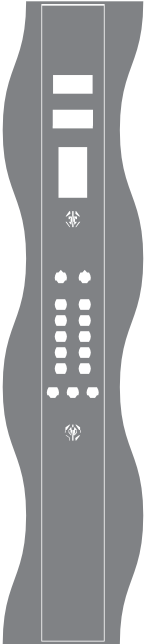
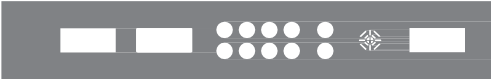
In order to view the full range of our samples contact your ACUTE Sales Representative.

# Car & Landing Operating Panels

## Landing Operating Panels

FACE PLATE WITH BOX BEHIND				
Buttons Only	Buttons + 7SEG	Buttons + Duplex 7SEG	Buttons + LCD	Buttons + Duplex LCD
				
				
WALL MOUNTED				
Buttons Only	Buttons + 7SEG	Buttons + Duplex 7SEG	Buttons + LCD	Buttons + Duplex LCD
				
				

## Car Operating Panels

Wall Mounted	Column	Wave Shaped
		
Horizontal with Handrail		
		



## Hall Lanterns

FACE PLATE WITH BOX BEHIND		WALL MOUNTED	
7SEG / LCD	7SEG / LCD with DDA	7SEG / LCD	7SEG / LCD with DDA

## DDA & Firefighting

FACE PLATE WITH BOX BEHIND		WALL MOUNTED	
DDA	Firefighting 7SEG / LCD	DDA	Firefighting 7SEG



COPs, LOPs and Hall Lanterns come with both Blue and Red signalization. Contact your ACUTE Sales Representative for more details.

[www.acute-elevators.co.uk](http://www.acute-elevators.co.uk)

# Floors

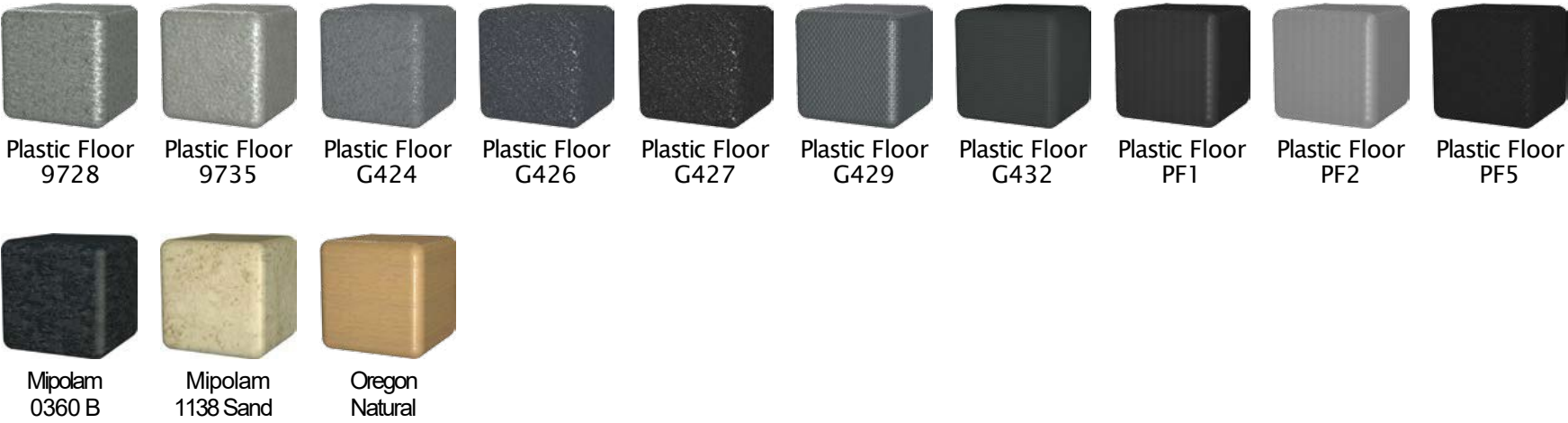
## Granites & Tiles



## Steel



## Plastic Floors







# Side Walls

## Stainless Steel



Stainless St.  
Mirror



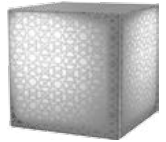
Stainless St.  
Satine



Stainless St.  
EtchSilv01



Stainless St.  
EtchSilv02



Stainless St.  
EtchSilv03



Stainless St.  
Gold Mirror



Stainless St.  
EtchGold01



Stainless St.  
Dama



Stainless St.  
Leather



Stainless St.  
Linen



Stainless St.  
Bronze Mirror



Stainless St.  
Bronze Satine



Stainless St.  
Blue Mirror



Stainless St.  
341 Blue



High resolution images can be found on our website.

In order to view the full range of our samples contact your ACUTE Sales Representative.



# Side Walls

## Laminate



Laminate  
200



Laminate  
202



Laminate  
251



Laminate  
313



Laminate  
381



Laminate  
382



Laminate  
383



Laminate  
387



Laminate  
388



Laminate  
406 Glossy



Laminate  
U1715



Laminate  
410 Lines



Laminate  
410



Laminate  
1306



Laminate  
421



Laminate  
431



Laminate  
460



Laminate  
571



Laminate  
859



Laminate  
860



Laminate  
861



Laminate  
877



Laminate  
879



Laminate  
871



Laminate  
1286



Laminate  
1304



Laminate  
1324



Laminate  
1342



Laminate  
1354



Laminate  
1379



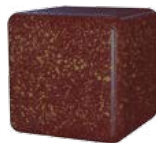
Laminate  
2199



Laminate  
5610



Laminate  
9307



Laminate  
9575



Laminate  
9834



Laminate  
AB810



Laminate  
9574



Laminate  
R5372



Laminate  
R5410 (HG)



Laminate  
P5447



## Wooden Panels



Wooden  
Panel 1599



Wooden  
Panel 6380



Wooden  
Panel 6610



Wooden  
Panel 6678



Wooden  
Panel P332

## Epoxy



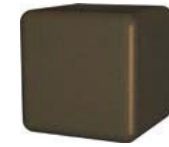
Epoxy 501  
Black



Epoxy 501  
Silver



Epoxy 501  
Gold



Epoxy 501  
Bronze



Epoxy  
7032



Epoxy  
7035



Epoxy  
7042



### Laminates

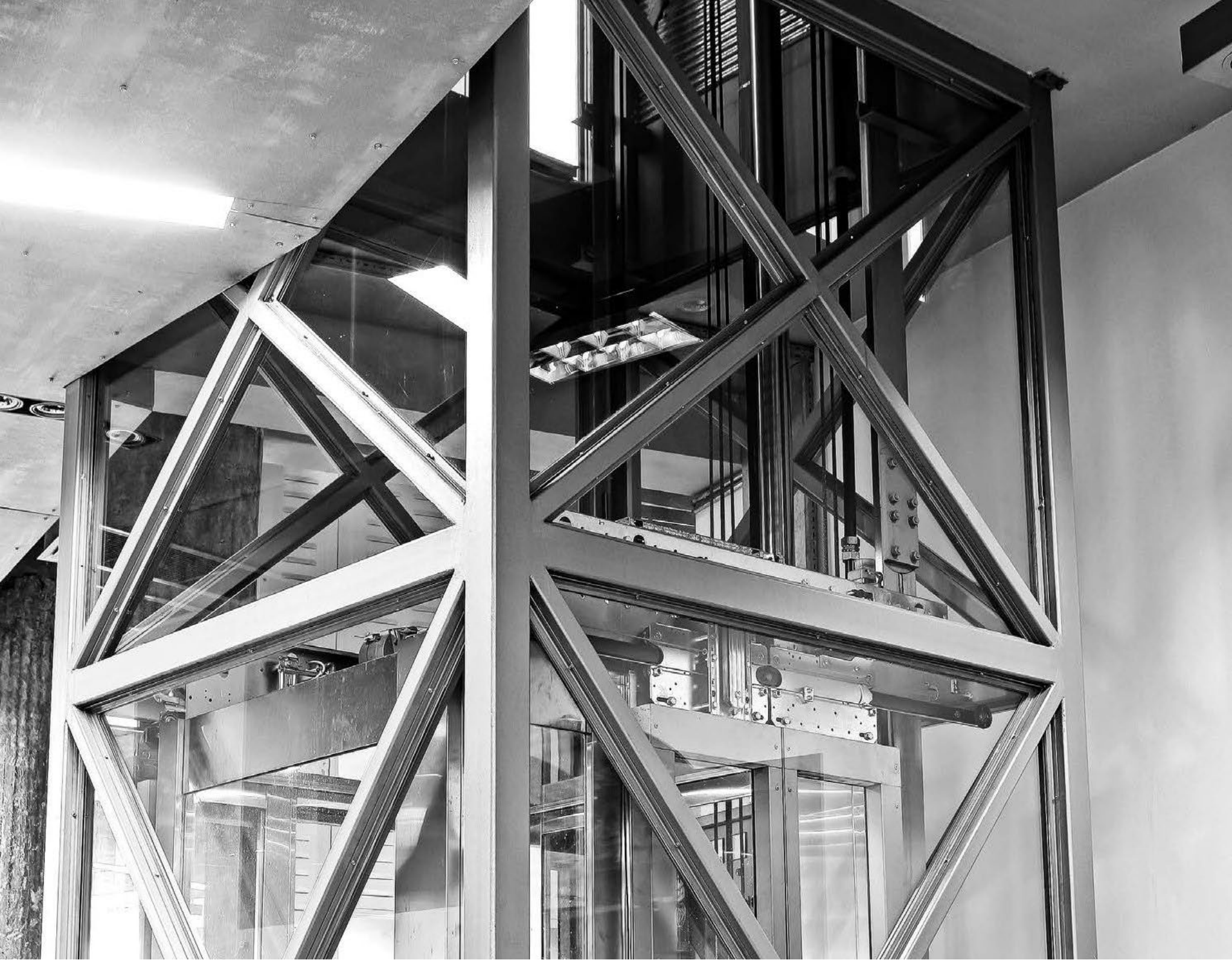
Due to the large stock availability of our suppliers, please double check with your Sales Representative if the selected material is still in use.

### Epoxy Paint

Except from the standard ACUTE options, you can choose a color of your likes for your cabin based on the RAL international color matching system.

In order to view the full range of our samples contact your ACUTE Sales Representative.







# Spare Parts

Every Part is Essential

A company's flexibility is shown not only with the integrated solutions of full lift systems, but also whether it can be supportive in individual cases, e.g. a renovation of a damage or old part.

Components of superior quality in a large variety (motors, ropes, pistons, power units, controllers, cabins, doors etc.), are covering with outmost safety and reliability every need.

For a greater convenience, ACUTE is currently working on an online catalogue where you can find details on any component. whether it can be supportive in individual cases, e.g. a renovation of a damage or old part.

# Modernization Kit

## Hydraulics

POWER UNIT	MOTOR	HYDRAULIC PUMP	CAR SLING	PISTON
High quality control valve block. Smooth operation with low noise levels. Standard automatic emergency operation.	Low noise, highly efficient, with integrated flywheel.	Extremely low noise level screw pump.	Stiff structure for safe operation made by ACUTE. Safety gear mechanism absolutely reliable in activation. Easy & quick installation.	High quality seal without oil leakages by HYDRONIC, OMAR & COAM. Minimum maintenance required.
				
GUIDE RAILS	PULLEY	VALVE BLOCK	SHAFT COMPONENTS	
Supplied by top quality manufacturers.	ACUTE produces the two-point suspension pulley.	BLAIN & BUCHER with a wide range of adjustments.	ACLA buffers & European made ropes.	
				





## Motors

### MOTORS

Alternative choices between double-speed or VVVF, geared or gearless. Manufactured by ACUTE, SASSI & MONTANARI. Low noise and vibration levels. Long life span.



#### MOTOR BASE

Motor bases manufactured by ACUTE.



#### SAFETY GEAR

Instantaneous Safety gears (ACUTE) or Progressive (Dynatech, Cobiachi)



#### SPEED GOVERNOR

Speed Governors from PFB.



For the whole range of our hydraulic & traction elevator parts, contact your ACUTE Sales Representative or visit our website.

[www.acute-elevators.co.uk](http://www.acute-elevators.co.uk)

# Doors

## Automatic Sliding Car & Landing Doors



### Specifications

- ▶ Low noise, reliable & smooth operation using VVVF driven motor
- ▶ Option for automatic emergency operation
- ▶ Wide variety of choices depending on the needs of your building
- ▶ Finished in various stainless steel patterns or epoxy paint
- ▶ Glass panels with or without stainless steel frame
- ▶ Round shaped
- ▶ Easy installation
- ▶ Wide span of life with minimum maintenance
- ▶ Door locks certified according EN81 regulations
- ▶ Fire rated if required (E-120, EI-60)

## Swing Opening Landing Doors



Selected as an economic solution for both passenger and goods lifts. Entrance clearances vary from 600mm to 3.000mm, single panel or two-panels, satisfying a wide range of applications

### Distinguished for:

- ▶ Stiff and reliable structure
- ▶ Wide range of paints and finishes
- ▶ Easy installation and maintenance



## Automatic Folding Car Doors

### AUTOMATIC FOLDING CAR DOORS

The automatic folding car door is the ideal solution for lifts with swing opening landing doors. The main advantage is the small shaft width required.



### DOORKNOBS FOR SWING OPENING LANDING DOORS

Large selection of doorknobs for semi-automatic doors, to cover your needs.



Colombo Tank



MG 0381



Colombo Etro



# Electricals

## Hydraulic/Traction Lifts

### INVERTER

The GEFRAN Inverters designed for new installations and upgrades, are the ideal system for a wide range of applications, including very low rise (homelifts) or very high rise (skyscrapers).



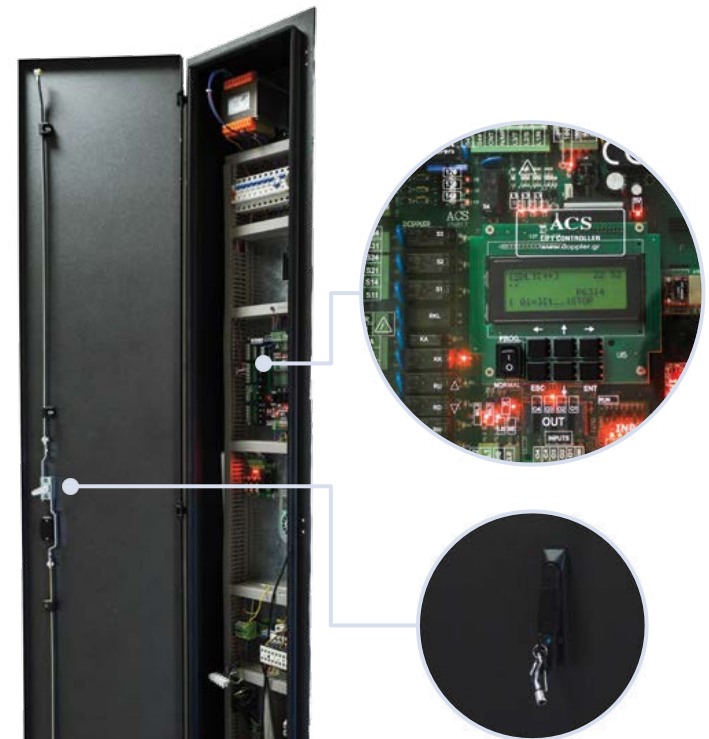
### UPS

Modified Sine Wave Output ► RS232 and USB interface  
DC Start ► Complete software monitoring system



### CONTROLLER

Suitable for Hydraulic and Traction lifts ► Up to 64 stops  
Parallel, cabin serial, cabin & landings serial communication  
Internal 3-phase and thermistor monitoring circuits ► Real-time clock & date  
Internal Door Bridging controller for hydraulic applications  
Two doors independent control ► Voice Announcer ► Emergency Rescue Operation  
In conformity with EN81-70, EN81-72 (firefighter lifts standard), EN81-73  
Special software for lift access security







## Value Added Products/Services

### RECO+ (Kinetic Energy Recovering System)

Suitable for:

Traction lifts driven by inverter ► Synchronous & Asynchronous motors ► New installations & modernizations

Standard models could be used for lift up to 1.000kg and for travel up to 70m ► Unique Emergency Rescue Function

RECO+™



### TALK2LIFT

Talk2Lift can be adjusted on the electronic board of any elevator cabin.

The cabin holds an "extra button" which upon pressing prompts the passenger to pronounce their destination.

A wide variety of facades makes it easy to match any elevator cabin.



For further details, please contact your ACUTE Sales Representative or visit our website.

[www.acute-elevators.co.uk](http://www.acute-elevators.co.uk)



# Elevating New Heights

We can create a more sustainable, cleaner and safer world by making wiser energy choices.

► Robert Alan Silverstein

Global Energy demands rise steeply every year.

The global contribution from buildings towards energy consumption, both residential and commercial, has steadily increased reaching figures between 20% and 40% in developed countries.

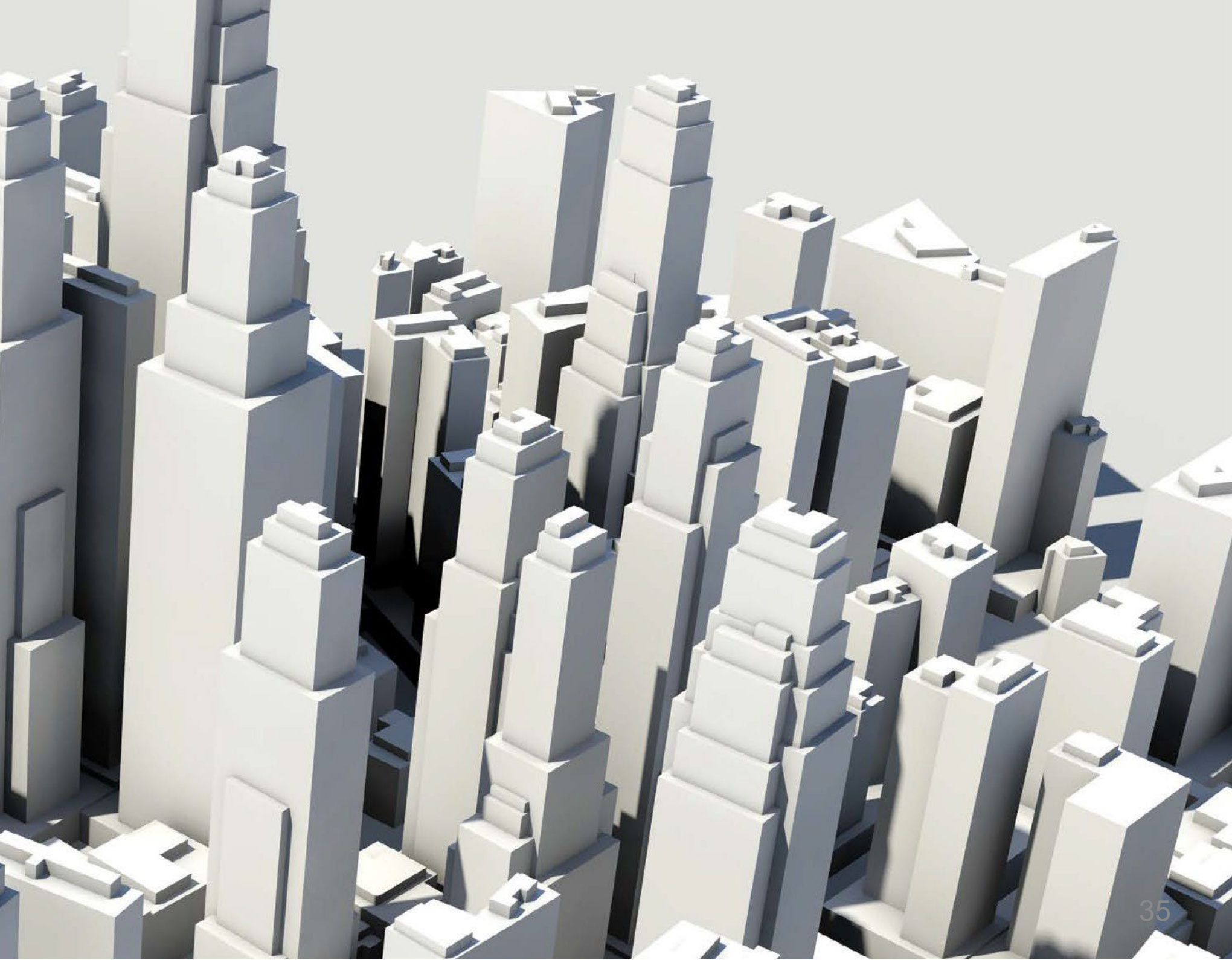
Currently, about 35% of the buildings are over 50 years old. By improving the energy efficiency of buildings, we could reduce total EU energy consumption by 5% to 6% and lower CO2 emissions by about 5%.

In 2010, energy services delivered in residential and commercial buildings accounted for about one third of worldwide final energy demand.

For this reason, energy efficiency in buildings is today a prime objective for energy policy at regional, national and international levels.

Thus, ACUTE focuses on the development of eco-friendly and energy-efficient products that can lead to significant energy savings.





# ACUTE

## ELEVATORS

**Contact:**

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0161 523 6299 - Manchester  
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Knight Road, Strood. ME2 2BF