



ITM

International Trade & Modernization

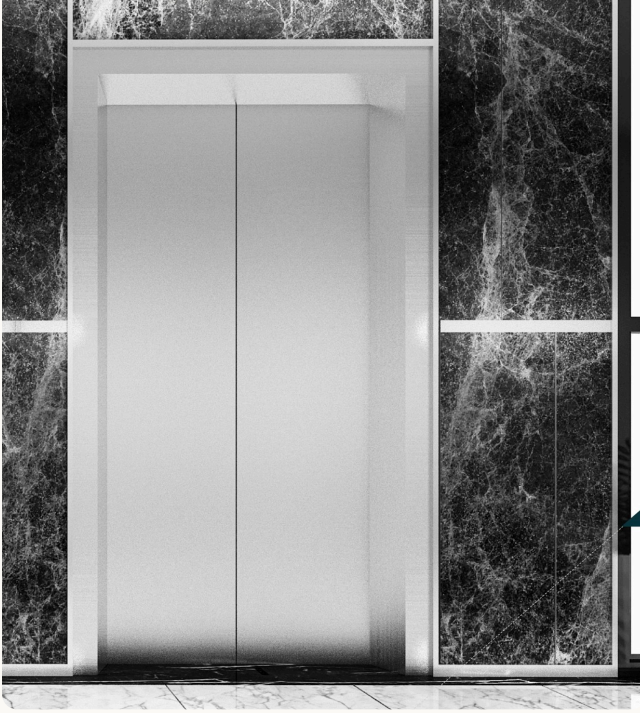
COMPLETE ELEVATOR PACKAGE · CATALOG 2026

Complete Elevator Package

Ascenseurs complets — cabines, portes, systèmes et solutions spéciales
المصاعد الكاملة — الكبائن والأبواب والأنظمة والحلول الخاصة

Cabins · Doors · Ceilings · Floors · Passenger · Hospital · Home · Dumbwaiter · Freight · Automobile

itmexim.com



COMPLETE ELEVATOR PACKAGE

Complete elevator packages, from a single supplier.

Cabins, doors, ceilings and floors, passenger elevators, controls and machines, and special-purpose lifts for hospitals, homes, kitchens, freight and vehicles — sourced from trusted Turkish manufacturers and exported worldwide.

Solutions d'ascenseurs complètes, d'un seul fournisseur — sourcées auprès de fabricants turcs de confiance et exportées dans le monde entier.

طول مصاعد متكاملة من موّرد واحد — من مصّعين أترك
موثوقين إلى العالم.

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Home lifts and accessibility platforms are presented in the separate ITM Home Lift catalogue.

Cabins & Finishes

Cabines, portes, plafonds et sols

الكابائن والأبواب والأسقف والأرضيات

STC · SPC · GLD cabins — Compact cabins — Panoramic cabins — Automatic & folding doors — 18 ceilings — 18 floors —
Passenger elevator dimensions — Safety features



ITM CABINS · CABINES ITM · كابين ITM

ITM-C320

Cabin Interior Covering

Revêtement intérieur

كسوة الكابينة الداخلية

Vertical dotted stainless
steel

Cabin Interior Accessories

Accessoires intérieurs

إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine

أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

Plafond de cabine

سقف الكابينة

Interior opening, mirror
St. St., laser cut with
indirect lighting

Cabin Handrails

Mains courantes

مقابض الكابينة

Double handrail stainless
steel





ITM CABINS · CABINES ITM · كابين ITM

ITM-C321

**Cabin Interior
Covering**

Revêtement intérieur

كسوة الكابينة الداخلية

Vertical dotted stainless
steel

**Cabin Interior
Accessories**

Accessoires intérieurs

إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine

أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

Plafond de cabine

سقف الكابينة

Interior opening, mirror
St. St., laser cut with
indirect lighting

Cabin Handrails

Mains courantes

مقابض الكابينة

Single handrail stainless
steel





ITM CABINS · CABINES ITM · كابين ITM

ITM-C322

Cabin Interior Covering

Revêtement intérieur
كسوة الكابينة الداخلية

Horizontal radius

lamine on 18 mm MDF

Cabin Interior Accessories

Accessoires intérieurs
إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine
أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

Plafond de cabine
سقف الكابينة

Interior opening, mirror
St. St., laser cut with
indirect lighting

Cabin Handrails

Mains courantes
مقابض الكابينة

Double handrail stainless
steel





ITM CABINS · CABINES ITM · كابينات ITM

ITM-C323

Cabin Interior Covering

Revêtement intérieur

كسوة الكابينة الداخلية

Horizontal radius

laminate on 18 mm MDF

Cabin Interior Accessories

Accessoires intérieurs

إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine

أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

Plafond de cabine

سقف الكابينة

Interior opening, mirror

St. St., laser cut with

indirect lighting

Cabin Handrails

Mains courantes

مقابض الكابينة

Double handrail stainless

steel





ITM CABINS · CABINES ITM · كابينات ITM

ITM-C324

Cabin Interior Covering

Revêtement intérieur
كسوة الكابينة الداخلية

Horizontal radius
lamine on 18 mm MDF

Cabin Interior Accessories

Accessoires intérieurs
إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine
أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

Plafond de cabine
سقف الكابينة

Interior opening, mirror
St. St., laser cut with
indirect lighting

Cabin Handrails

Mains courantes
مقابض الكابينة

Double handrail stainless
steel





ITM CABINS · CABINES ITM · كابينات ITM

ITM-C325

Cabin Interior Covering

Revêtement intérieur

كسوة الكابينة الداخلية

Vertical radius laminate
on 18 mm MDF

Cabin Interior Accessories

Accessoires intérieurs

إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine

أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

Plafond de cabine

سقف الكابينة

Interior opening, mirror
St. St., laser cut with
indirect lighting

Cabin Handrails

Mains courantes

مقابض الكابينة

Double handrail stainless
steel





ITM CABINS · CABINES ITM · كابين ITM

ITM-C326

Cabin Interior Covering

Revêtement intérieur
كسوة الكابينة الداخلية

Vertical radius laminate
on 18 mm MDF

Cabin Interior Accessories

Accessoires intérieurs
إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine
أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

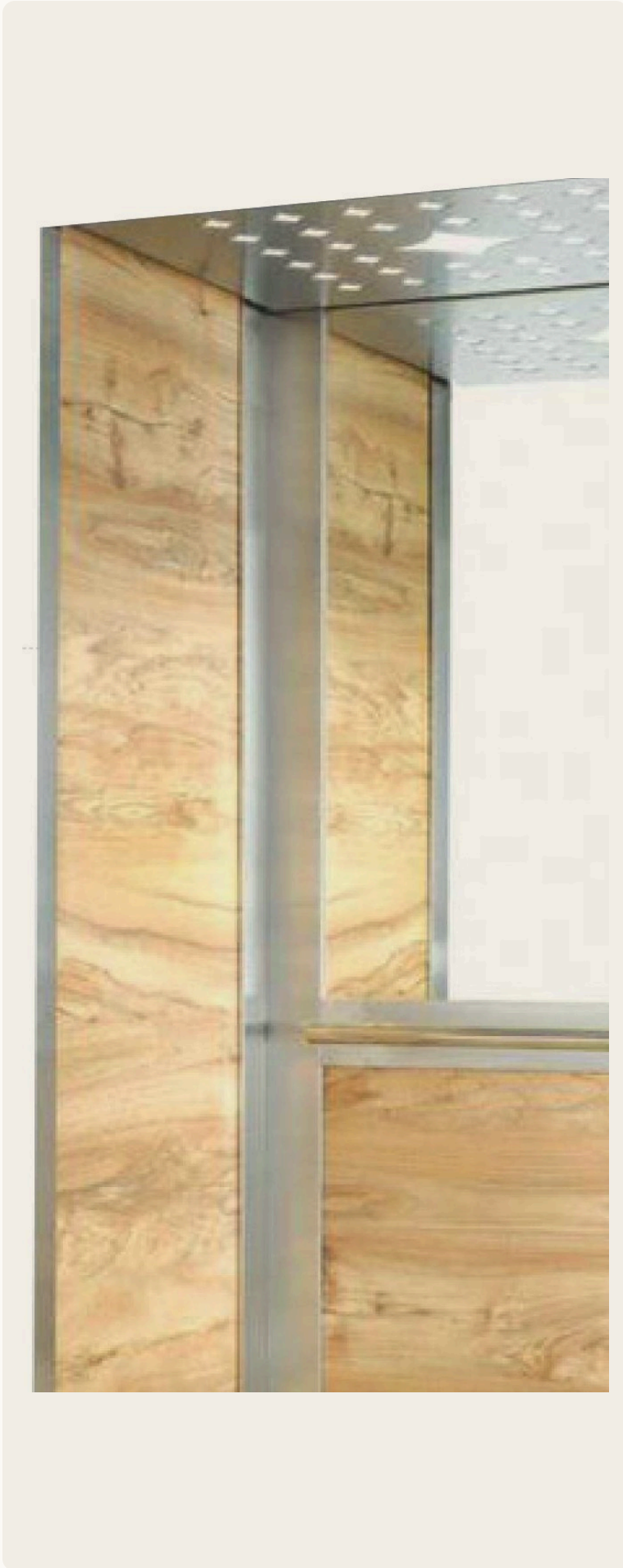
Plafond de cabine
سقف الكابينة

Interior opening, mirror
St. St., laser cut with
indirect lighting

Cabin Handrails

Mains courantes
مقابض الكابينة

Single handrail stainless
steel





ITM CABINS · CABINES ITM · كابينات ITM

ITM-C327

Cabin Interior Covering

Revêtement intérieur
كسوة الكابينة الداخلية

Horizontal radius
lamine on 18 mm MDF

Cabin Interior Accessories

Accessoires intérieurs
إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine
أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

Plafond de cabine
سقف الكابينة

Interior opening, mirror
St. St., laser cut with
indirect lighting

Cabin Handrails

Mains courantes
مقابض الكابينة

Single handrail stainless
steel





ITM CABINS · CABINES ITM · كابين ITM

ITM-C328

Cabin Interior Covering

Revêtement intérieur
كسوة الكابينة الداخلية

Horizontal radius
lamine on 18 mm
Glass

Cabin Interior Accessories

Accessoires intérieurs
إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine
أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

Plafond de cabine
سقف الكابينة

Interior opening, mirror
St. St., laser cut with
indirect lighting

Cabin Handrails

Mains courantes
مقابض الكابينة

Double handrail stainless
steel





ITM CABINS · CABINES ITM · كابين ITM

ITM-C329

Cabin Interior Covering

Revêtement intérieur

كسوة الكابينة الداخلية

Horizontal hairline

stainless steel

Cabin Interior Accessories

Accessoires intérieurs

إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine

أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

Plafond de cabine

سقف الكابينة

Interior opening, mirror

St. St., laser cut with

indirect lighting

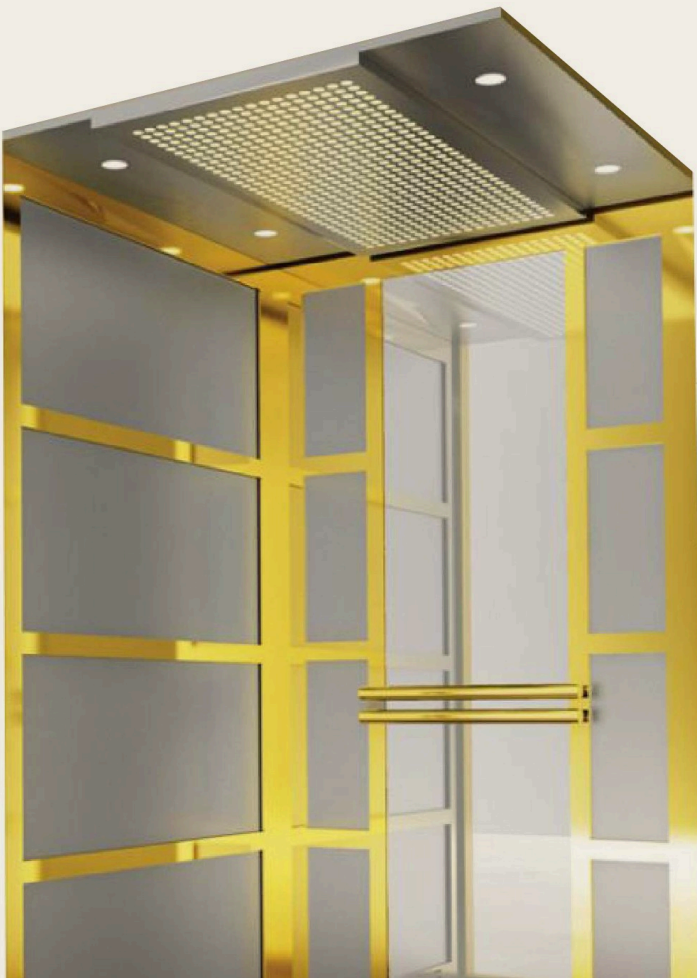
Cabin Handrails

Mains courantes

مقابض الكابينة

Double handrail Gold

stainless steel





ITM CABINS · CABINES ITM · كابين ITM

ITM-C330

Cabin Interior Covering

Revêtement intérieur
كسوة الكابينة الداخلية

Vertical hairline stainless
steel

Cabin Interior Accessories

Accessoires intérieurs
إكسسوارات الكابينة

Vertical hairline Gold
stainless steel

Cabin Flooring

Sol de cabine
أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

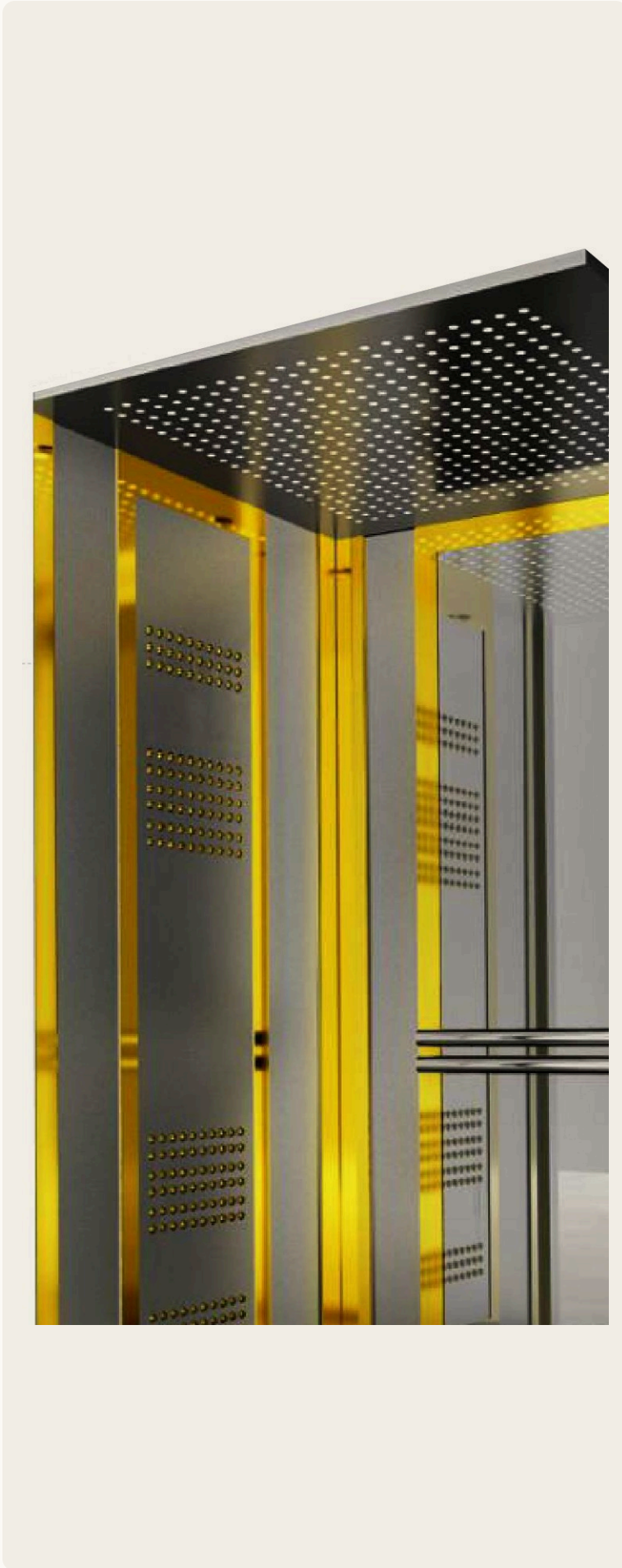
Plafond de cabine
سقف الكابينة

Interior opening, mirror
St. St., laser cut with
indirect lighting

Cabin Handrails

Mains courantes
مقابض الكابينة

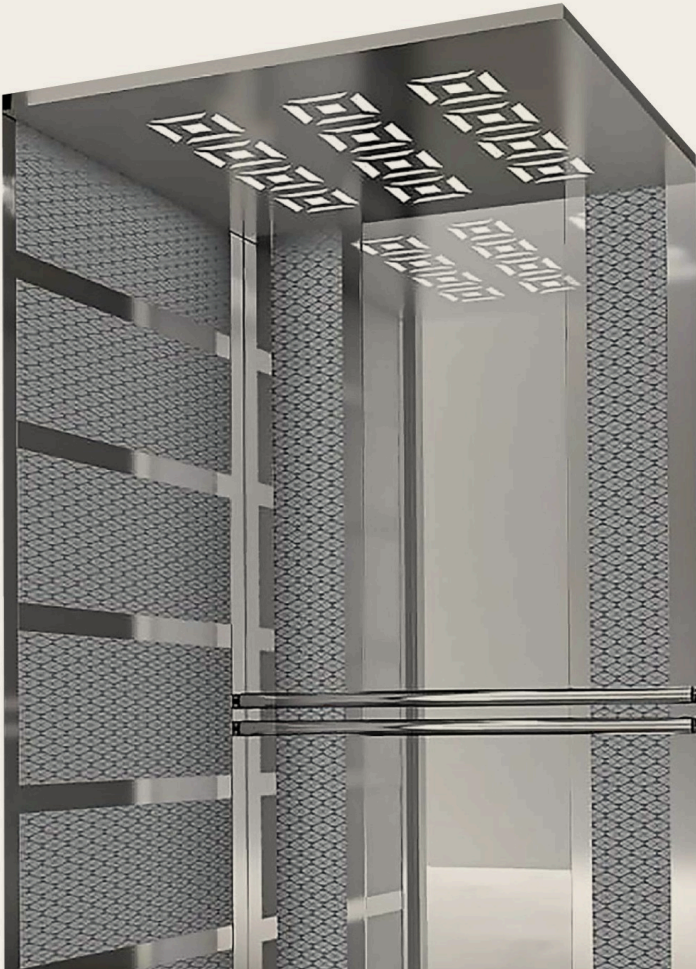
Double handrail stainless
steel





ITM CABINS · CABINES ITM · كابين ITM

ITM-C331



**Cabin Interior
Covering**
Revêtement intérieur
كسوة الكابينة الداخلية

Horizontal decorative
stainless steel

**Cabin Interior
Accessories**
Accessoires intérieurs
إكسسوارات الكابينة

Super Mirror Stainless
Steel

Cabin Flooring
Sol de cabine
أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling
Plafond de cabine
سقف الكابينة

Interior opening, mirror
St. St., laser cut with
indirect lighting

Cabin Handrails
Mains courantes
مقابض الكابينة

Double handrail stainless
steel



ITM CABINS · CABINES ITM · كابين ITM

ITM-C332

Cabin Interior Covering

Revêtement intérieur
كسوة الكابينة الداخلية

Vertical dotted stainless steel

Cabin Interior Accessories

Accessoires intérieurs
إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine
أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

Plafond de cabine
سقف الكابينة

Interior opening, mirror St. St., laser cut with indirect lighting

Cabin Handrails

Mains courantes
مقابض الكابينة

Double handrail stainless steel



ITM CABINS · CABINES ITM · كابين ITM

ITM-C333

Cabin Interior Covering

Revêtement intérieur

كسوة الكابينة الداخلية

Vertical dotted stainless
steel

Cabin Interior Accessories

Accessoires intérieurs

إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine

أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

Plafond de cabine

سقف الكابينة

Interior opening, mirror
St. St., laser cut with
indirect lighting

Cabin Handrails

Mains courantes

مقابض الكابينة

Single handrail stainless
steel





ITM CABINS · CABINES ITM · كابين ITM

ITM-C334

Cabin Interior Covering

Revêtement intérieur
كسوة الكابينة الداخلية

Vertical dotted stainless
steel

Cabin Interior Accessories

Accessoires intérieurs
إكسسوارات الكابينة

Mirror Stainless Steel

Cabin Flooring

Sol de cabine
أرضية الكابينة

20 mm Natural Granite

Cabin Ceiling

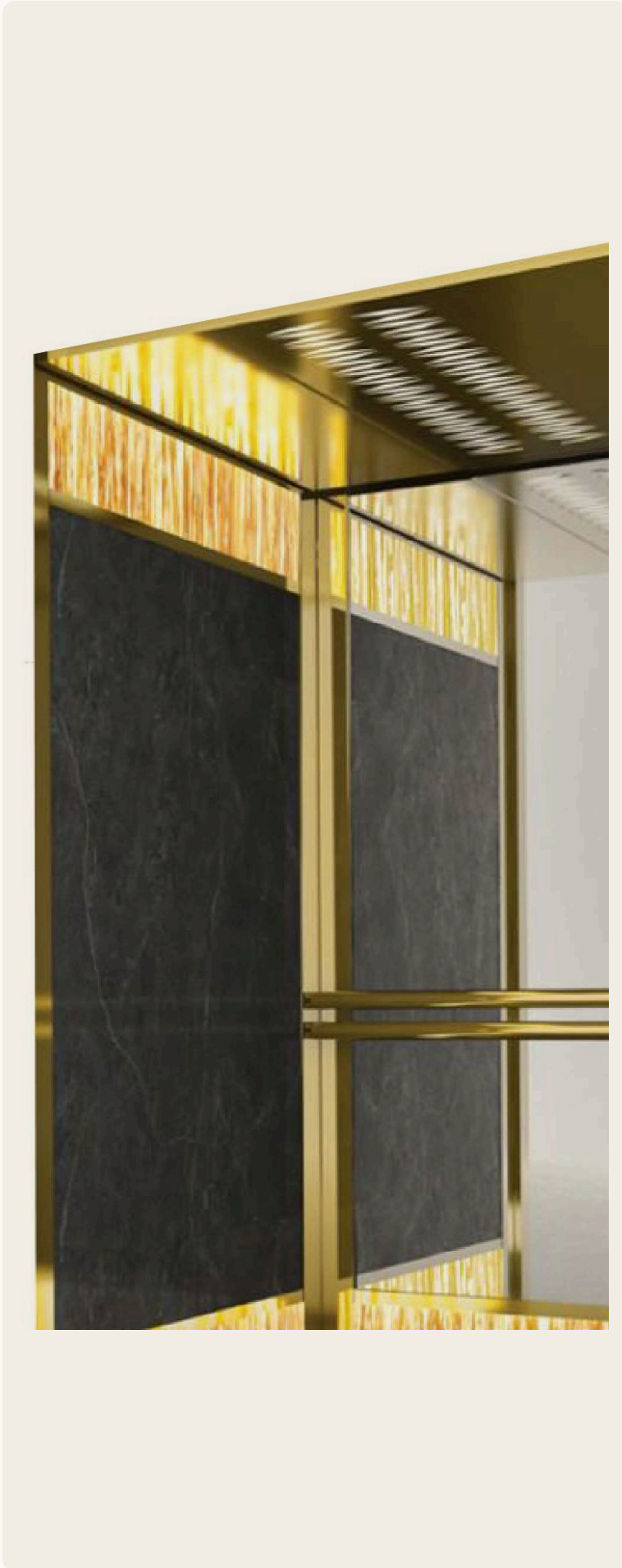
Plafond de cabine
سقف الكابينة

Interior opening, mirror
St. St., laser cut with
indirect lighting

Cabin Handrails

Mains courantes
مقابض الكابينة

Double handrail stainless
steel





Compact cabins

Cabines compactes

الكابائن المدمجة



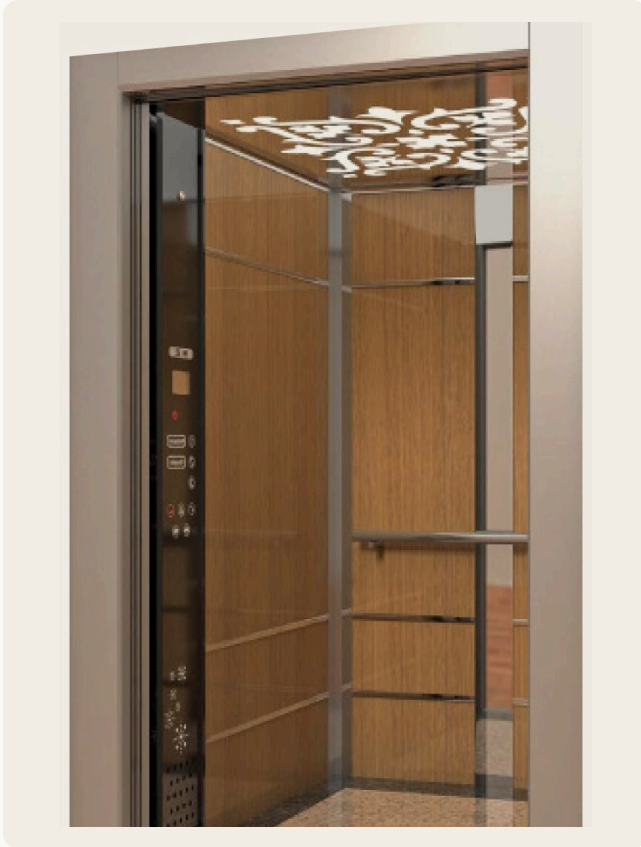
ITM-C316

Side Walls Parois latérales الجدران الجانبية	6mm Tempered Black Glass
Back Wall Paroi arrière الجدار الخلفي	Full Mirror
Cabin Ceiling Plafond de cabine سقف الكابينة	Laser Ceiling
Cabin Flooring Sol de cabine أرضية الكابينة	Granite
Cabin Interior Accessories Accessoires intérieurs إكسسوارات الكابينة	Mirror Stainless
Cabin Handrails Mains courantes مقابض الكابينة	32mm Chrome Handrails



ITM-C317

Side Walls Parois latérales الجدران الجانبية	18mm Membrane Coating
Back Wall Paroi arrière الجدار الخلفي	Half Mirror
Cabin Ceiling Plafond de cabine سقف الكابينة	Laser Ceiling
Cabin Flooring Sol de cabine أرضية الكابينة	Granite
Cabin Interior Accessories Accessoires intérieurs إكسسوارات الكابينة	Mirror Stainless
Cabin Handrails Mains courantes مقابض الكابينة	32mm Chrome Handrails



ITM-C318

Side Walls Parois latérales الجدران الجانبية	18mm Laminate
Back Wall Paroi arrière الجدار الخلفي	Laminate
Cabin Ceiling Plafond de cabine سقف الكابينة	Black Laser ceiling
Cabin Flooring Sol de cabine أرضية الكابينة	Granite
Cabin Interior Accessories Accessoires intérieurs إكسسوارات الكابينة	Mirror Stainless
Cabin Handrails Mains courantes مقابض الكابينة	32mm Chrome Handrails



ITM-C319

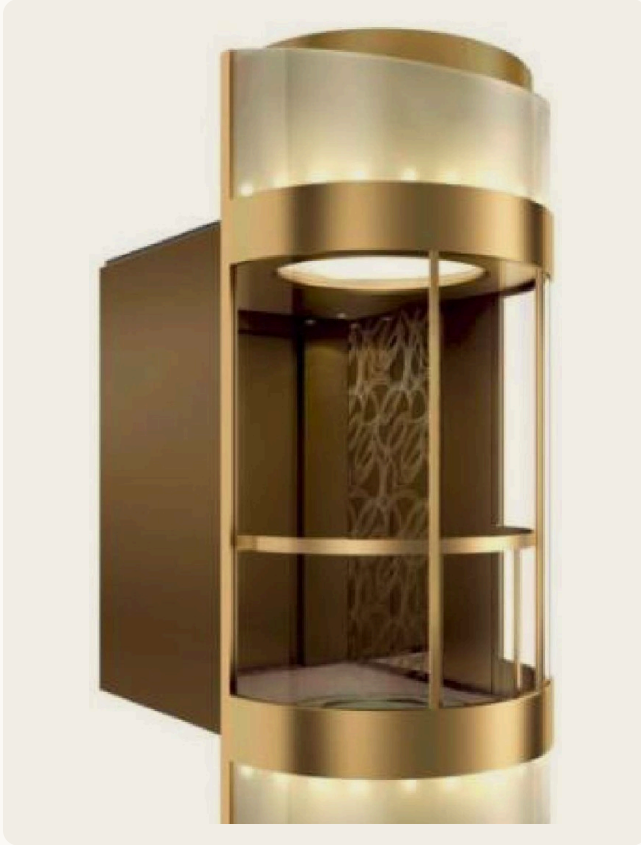
Side Walls Parois latérales الجدران الجانبية	Mirror Stainless
Back Wall Paroi arrière الجدار الخلفي	Mirror Stainless
Cabin Ceiling Plafond de cabine سقف الكابينة	Laser Ceiling
Cabin Flooring Sol de cabine أرضية الكابينة	Granite
Cabin Interior Accessories Accessoires intérieurs إكسسوارات الكابينة	Mirror Stainless
Cabin Handrails Mains courantes مقابض الكابينة	32mm Chrome Handrails



Panoramic cabins

Cabines panoramiques

الكابائن البانورامية



ITM-P01 HAVA

Cabin Interior Covering
Revêtement intérieur
كسوة الكابينة الداخلية

Satin Stainless plate banking

Finish
Finition
التشطيب

With decoration lamp

Cabin Interior Accessories
Accessoires intérieurs
إكسسوارات الكابينة

Middle with acrylic roof lamp

Cabin Flooring
Sol de cabine
أرضية الكابينة

PVC

Cabin Ceiling
Plafond de cabine
سقف الكابينة

Roof lamp, side with LED light

Cabin Handrails
Mains courantes
مقابض الكابينة

Stainless steel



ITM-P02 ZIRFA

Cabin Interior Covering
Revêtement intérieur
كسوة الكابينة الداخلية

Hairline satin stainless with horizontal stripe design

Finish
Finition
التشطيب

Side with LED light

Cabin Interior Accessories
Accessoires intérieurs
إكسسوارات الكابينة

Middle with acrylic roof lamp

Cabin Flooring
Sol de cabine
أرضية الكابينة

Natural granite

Cabin Ceiling
Plafond de cabine
سقف الكابينة

Roof lamp, side with LED light

Cabin Handrails
Mains courantes
مقابض الكابينة

Stainless steel



ITM-P03 ROCK

Cabin Interior Covering
Revêtement intérieur
كسوة الكابينة الداخلية

Satin Stainless

Cabin Interior Accessories
Accessoires intérieurs
إكسسوارات الكابينة

Mirror stainless steel

Cabin Flooring
Sol de cabine
أرضية الكابينة

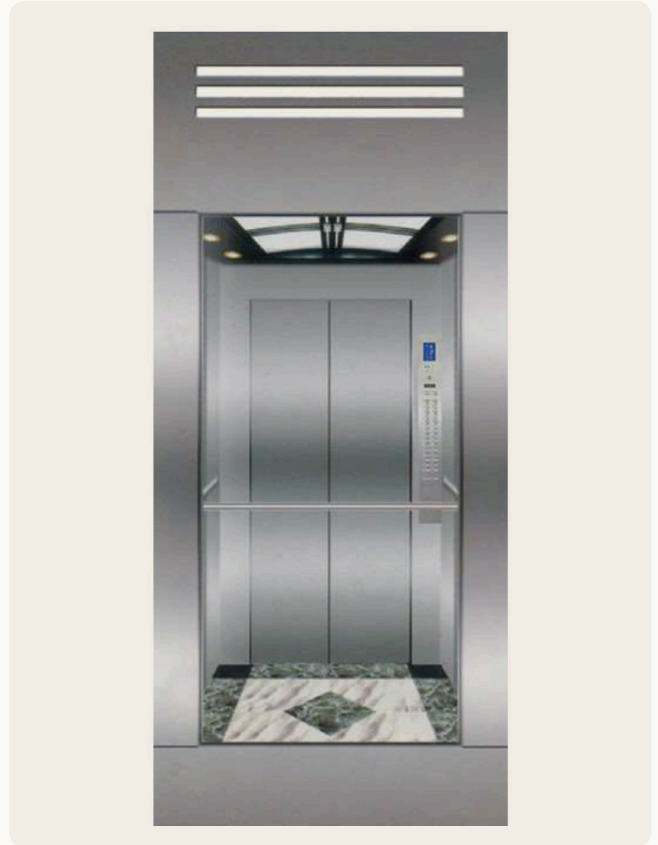
Natural granite

Cabin Ceiling
Plafond de cabine
سقف الكابينة

Laser cut

Cabin Handrails
Mains courantes
مقابض الكابينة

Stainless steel



ITM-P04 WINALI

Cabin Interior Covering
Revêtement intérieur
كسوة الكابينة الداخلية

Hairline satin stainless

Cabin Interior Accessories
Accessoires intérieurs
إكسسوارات الكابينة

Mirror stainless steel, LED lighting

Cabin Flooring
Sol de cabine
أرضية الكابينة

Natural granite

Cabin Ceiling
Plafond de cabine
سقف الكابينة

Laser cut

Cabin Handrails
Mains courantes
مقابض الكابينة

Stainless steel

CABIN INTERIORS

Every finish, made to measure.

Chaque finition, sur mesure. · كل تشطيب حسب الطلب.



Doors

Portes

الأبواب



ITM-D100

Door type Type de porte نوع الباب	Automatic Door
Opening Ouverture الفتح	Center Opening
Panels Panneaux الضلف	Two panels
Finishing Finition التشطيب	Glass Finishing with Stainless Steel frame



ITM-D101

Door type Type de porte نوع الباب	Automatic Door
Opening Ouverture الفتح	Side Opening
Panels Panneaux الضلف	Two panels
Finishing Finition التشطيب	Glass Finishing with Stainless Steel frame



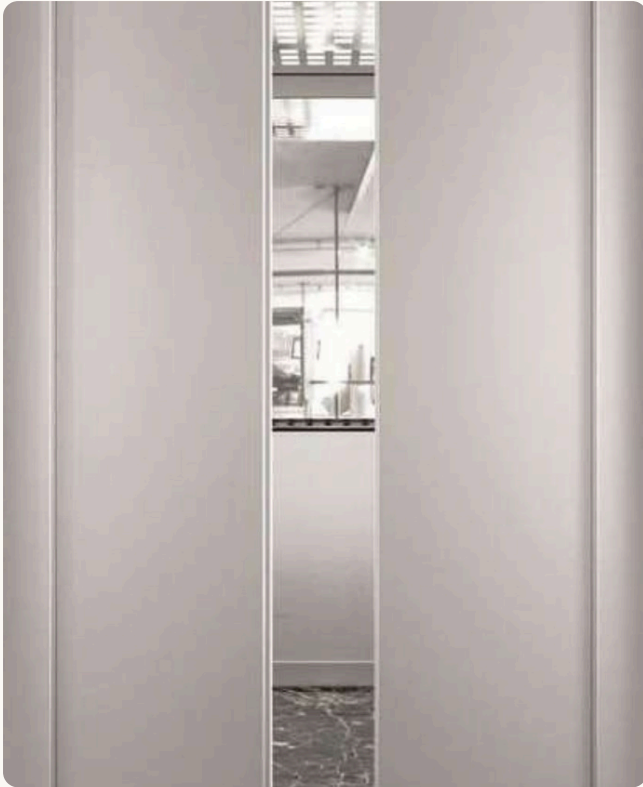
ITM-D102

Door type Type de porte نوع الباب	Automatic Door
Opening Ouverture الفتح	Center Opening
Panels Panneaux الضلف	Two panels
Finishing Finition التشطيب	Glass Finishing Frameless



ITM-D103

Door type Type de porte نوع الباب	Automatic Door
Opening Ouverture الفتح	Side Opening
Panels Panneaux الضلف	Two panels
Finishing Finition التشطيب	Glass Finishing Frameless



ITM-D104

Door type Type de porte نوع الباب	Automatic Door
Opening Ouverture الفتح	Center Opening
Panels Panneaux الضلف	Two panels
Finishing Finition التشطيب	Stainless Steel Finishing



ITM-D105

Door type Type de porte نوع الباب	Automatic Door
Opening Ouverture الفتح	Side Opening
Panels Panneaux الضلف	Two panels
Finishing Finition التشطيب	Painted Finishing



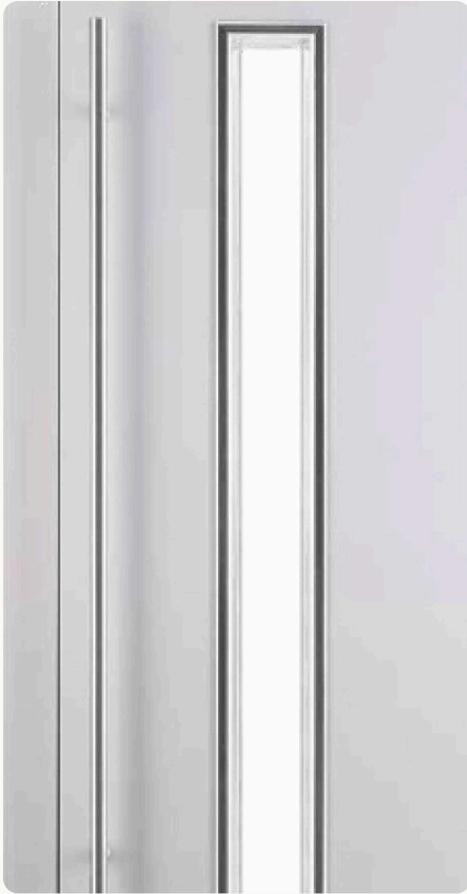
ITM-D108

Door type Type de porte نوع الباب	Automatic Door
Opening Ouverture الفتح	Center Opening
Panels Panneaux الضائف	Four panels
Finishing Finition التشطيب	Glass Finishing with Stainless Steel frame



ITM-D109

Door type Type de porte نوع الباب	Automatic Door
Opening Ouverture الفتح	Center Opening
Panels Panneaux الضائف	Six panels
Finishing Finition التشطيب	Stainless Steel Finishing



ITM-D110

Door type Type de porte نوع الباب	Semi-Automatic Door
Finishing Finition التشطيب	Painted Finishing
Opening Ouverture الفتح	Long handle · Long central window



ITM-DF Folding door

FOLDING DOOR · STAINLESS STEEL FINISHING

D type automatic door folding: compatibility for variation of open / close signals (24 VDC – 220 VAC).

W type automatic door folding: power that can be limited separately on opening and closing dimensions.

TECHNICAL SPECIFICATIONS

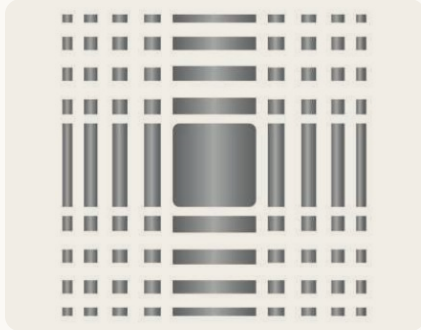
- DC-PWM with limit switch
- 24 VDC brushed motor
- 220 V AC supply voltage
- 1 channel 20 ppr encoder



Ceilings

Plafonds — 18 modèles laser

الأسقف — 18 تصميمًا بالليزر



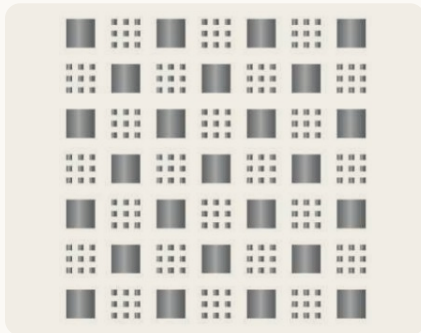
ITM-CL01



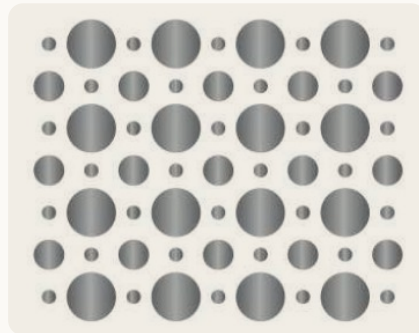
ITM-CL02



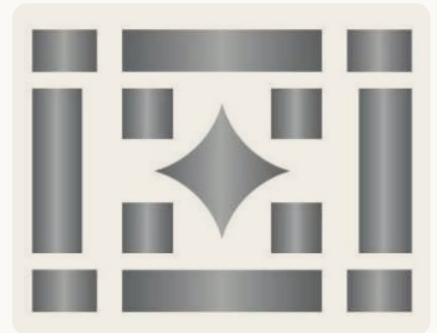
ITM-CL03



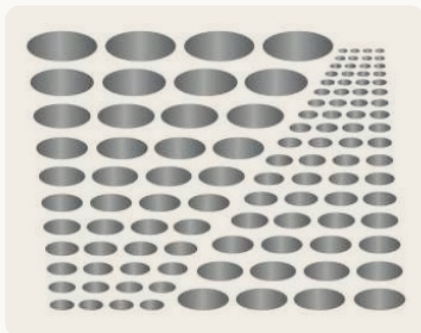
ITM-CL04



ITM-CL05



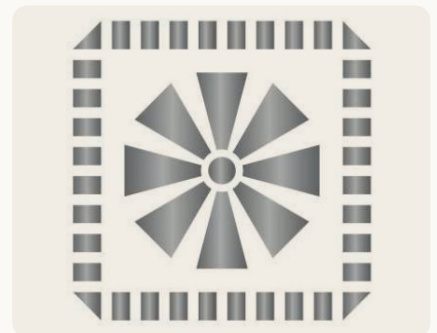
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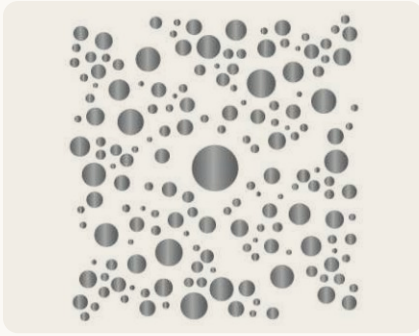
ITM-CL07



ITM-CL08



ITM-CL09



ITM-CL10



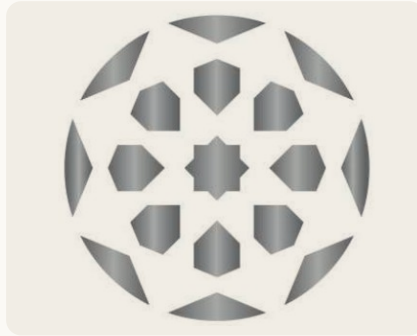
ITM-CL11



ITM-CL12



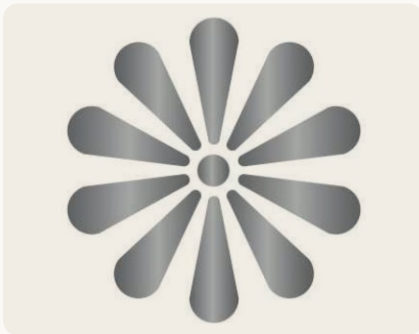
ITM-CL13



ITM-CL14



ITM-CL15



ITM-CL16



ITM-CL17



ITM-CL18



Flooring

Sols — 18 finitions

الأرضيات — 18 تشطيبًا



ITM-FL01



ITM-FL02



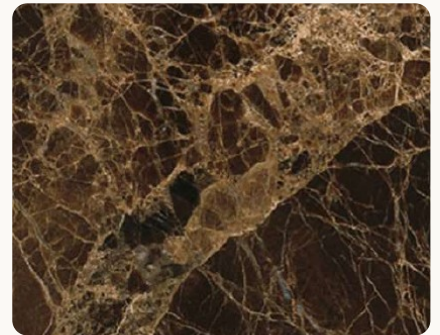
ITM-FL03



ITM-FL04



ITM-FL05



ITM-FL06



ITM-FL07



ITM-FL08



ITM-FL09



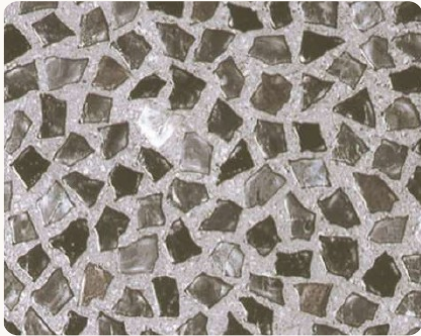
ITM-FL10



ITM-FL11



ITM-FL12



ITM-FL13



ITM-FL14



ITM-FL15



ITM-FL16



ITM-FL17



ITM-FL18



Passenger Elevator

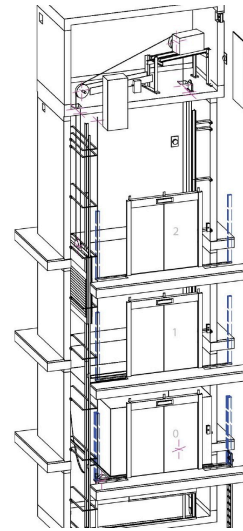
Ascenseur de passagers — dimensions de gaine et local machine

مصعد الركاب — أبعاد البئر وغرفة الماكينة

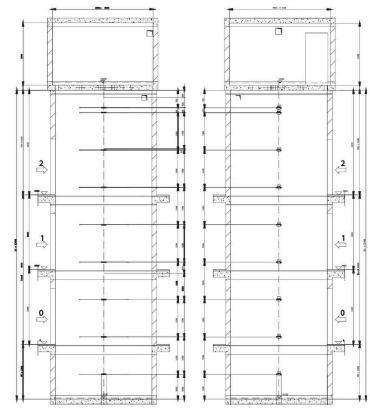
Head & pit depth (mm) · Hauteur libre et fosse · الارتفاع العلوي وعمق الحفرة

Speed (m/s)	Load 450–1150 kg OH	PP	Load 1350–1600 kg OH	PP	M/C room height (MH)
1.0	4350	1250	4350	1350	2200
1.5	4500	1300	4500	1400	2400
1.75	4550	1350	4550	1450	2400
2.0	4700	1900	4700	2000	2600
2.5	5100	2200	5100	2200	2600

Note: Hoistway dimensions are based on 15-storied buildings. For application to over 16-storied buildings, they shall be at least 5% larger considering the sloping of the hoistways.



1.5	4500	1300	4500	1400	2400
1.75	4550	1350	4550	1450	2400
2.0	4700	1900	4700	2000	2600
2.5	5100	2200	5100	2200	2600



Standard dimensions — EN 81 · 2P-CO (centre opening) · فتح مركزي

Speed (m/s)	Persons	kg	Opening	OP	Car X×Y	Hoistway X1×Y	Machine room MX1×Y
1.0 / 1.5 / 1.75	6	450	2P-CO	700	1100 × 1100	1600 × 1700	1900 × 3400
	7	550		800	1300 × 1100	1800 × 1700	2100 × 3400
	8	630		800	1400 × 1100	1800 × 1700	2100 × 3400
	9	700		800	1400 × 1250	1800 × 1850	2100 × 3550
	10	800		800	1400 × 1300	1800 × 1950	2100 × 3650
	12	900		900	1600 × 1300	2050 × 1950	2350 × 3650
	13	1000		900	1600 × 1400	2050 × 2050	2350 × 3750
	15	1150		1000	1800 × 1400	2350 × 2100	2650 × 3800
				1100	2000 × 1300	2550 × 2000	2850 × 3700
	18	1350		1000	1800 × 1600	2350 × 2300	2650 × 4000
				1100	2000 × 1500	2550 × 2200	2850 × 3900
	21	1600		1100	2000 × 1700	2550 × 2400	2850 × 4100
				1100	2150 × 1600	2700 × 2300	3200 × 4000



Standard dimensions — EN 81 · 2P-CO · 2.0 / 2.5 m/s

Speed (m/s)	Persons	kg	Opening	OP	Car X×Y	Hoistway X1×Y	Machine room MX1×Y	
2.0 / 2.5	12	1350	2P-CO	900	1600 × 1300	2150 × 2050	2650 × 4050	
	13	1600		900	1600 × 1400	2150 × 2150	2650 × 4050	
	15	1150		1000	1800 × 1400	2350 × 2150	2850 × 4150	
				1100	2000 × 1300	2550 × 2050	3050 × 4050	
	18	1350		1000	1800 × 1600	2400 × 2350	2900 × 4350	
				1100	2000 × 1500	2600 × 2250	3100 × 4250	
	21	1600		1100	2000 × 1700	2600 × 2450	3100 × 4450	
				1100	2150 × 1600	2750 × 2350	3250 × 4350	

Standard dimensions — EN 81 · 2P-SO (side opening) · فتح جانبي

Speed (m/s)	Persons	kg	Opening	OP	C.WT drop	Car X×Y	Hoistway X1×Y	Machine room MX1×MY	
1.0 / 1.5 / 1.75	6	450	2P-SO	800	REAR	1100 × 1100	1550 × 1800	1850 × 3500	
	7	550		800	REAR	1100 × 1300	1550 × 2000	1850 × 3700	
	8	630		800	SIDE	1100 × 1400	1850 × 1850	2150 × 3550	
	9	700		800	SIDE	1200 × 1400	1950 × 1850	2250 × 3550	
	10	800		800	SIDE	1300 × 1400	2100 × 2000	2400 × 3700	
	12	900		900	SIDE	1300 × 1600	2100 × 2100	2400 × 3800	
	13	1000		900	SIDE	1100 × 2100	1900 × 2550	2200 × 4250	
				1100	REAR	2100 × 1100	2550 × 1850	2850 × 3550	
	15	1150		1000	SIDE	1200 × 2200	2100 × 2650	2400 × 4350	
	18	1350		1100	SIDE	1300 × 2300	2250 × 2750	2550 × 4450	
	21	1600		1200	SIDE	1400 × 2400	2350 × 2850	2650 × 4550	
	2.0 / 2.5	12		900	2P-SO	900	SIDE	1300 × 2300	2250 × 2100
13		1000		900		SIDE	1100 × 2100	2000 × 2550	2500 × 4550
				1100		REAR	2100 × 1100	2550 × 1900	3050 × 3900
15		1150	1000	SIDE		1200 × 2200	2100 × 2650	2600 × 4650	
18		1350	1100	SIDE		1300 × 2300	2300 × 2750	2800 × 4750	
21		1600	1200	SIDE		1400 × 2400	2400 × 2850	2900 × 4850	



Security & Safety Features

Fonctions de sécurité

مميزات الأمان والسلامة

Feature	Description	
Simplex Selective Collective Operation	Operation is carried out completely automatically when a call is registered.	●
Automatic Car Light & Fan Turn-off	A switch integrated into the door operator prevents the car from moving when the doors are open. It locks doors completely while the car is operating to impede the opening of doors from the outside.	●
Drive overheat protection	Self-protection mode will be achieved if the temperature of the motor exceeds the preset value due to the heat made by the motor itself or the high temperature in the environment. The car stops at the nearest floor, unloads and shuts down the light and ventilation device; once the temperature falls back to normal the car will recover.	●
Interphone (Intercom)	An interphone system provides emergency communication between passengers in the car and personnel in the machine room, maintenance room, or security office.	●
Elevator car overload warning system	Includes a weight sensor for sensing the weight of a load in the elevator car. The control unit connected to the sensor computes the weight of the load in the car, and an annunciator positioned within the car informs passengers that the load limit of the car has been exceeded.	●
Safety Drive Operation	If a car stops between floors during normal operation and the safety device does not work, the car will automatically move to the nearest floor at a low speed, open its doors, and allow passengers to get off.	●
Voice Synthesizer	A voice synthesizer directs passengers with audible operational information, such as car direction, floor landed, and emergency alerts.	●
Self-generated Power Operation	Power is supplied from the building's power generator and elevators operate under emergency power mode during power outages.	●
ELD (Emergency Landing Device)	Elevators are sent to the nearest floor using power from a rechargeable battery when power outages occur and there is no emergency power, to prevent trapping passengers.	●
Individual Protection	Each component in the elevator has a sensor in the LCD control to determine all errors so that it can be fixed / maintained easily and to protect the elevator on a day-to-day basis.	●
Early Fault Detection using Remote Condition Monitoring	Remote Condition Monitoring (RCM) of machines seeks to enhance proactive maintenance through just-in-time responses to machine faults and process deterioration, offering reduced manning of machines and robust joint maintenance decisions, due to remote access to the machines' condition.	●
Full load	When a car is loaded to a predetermined percentage of its capacity, it's considered full. Additional passengers would be unable to enter.	●
Parking Operation	Elevators can be automatically parked at a predetermined floor with doors closed and lights and ventilation turned off.	●
Multi-beam Device for Car Doors	Multi-beams from the top to the bottom of the door detect obstructions and force the door to remain open or to reopen before it hits the obstruction.	◆
Emergency Fire Operation	Cars return to a predetermined floor in the event of fire to help evacuate passengers safely.	◆
Emergency Fireman's Service	Firemen can use elevators parked at a specific floor to support fire-fighting operations in the event of a fire.	◆
Emergency Earthquake Operation	An earthquake sensor detects tremors and forces the elevator to stop at the nearest floor with its door fully open, preventing further operation.	◆
Disability Discrimination Act (DDA)	Wheelchair accessibility · Braille · Audible announcements · Handrails	◆
CCTV Systems	CCTV (closed circuit television) systems in elevators are designed to enhance the security system of an office building or condominium, as part of the security monitoring system of an organization to ensure the safety of the users of these elevators.	◆
Attendant Operation	The elevator's operating mode can be switched from its regular automatic mode to manual mode using the attendant's switch on the COP.	◆

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Controls & Machines

COP, armoires de commande, machines électriques et systèmes hydrauliques
أززار الكابينة، لوحات التحكم، الماكينات الكهربائية والأنظمة الهيدروليكية

COP & indicators — Control panels — Electric machines — Hydraulic systems



COP & Indicators

Boîtes à boutons et indicateurs

لوحات أزرار الكابينة والمؤشرات



ITM-LB106



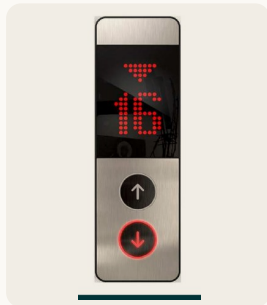
ITM-LS107



ITM-LS108



ITM-LS109



ITM-LS110



ITM-LS111



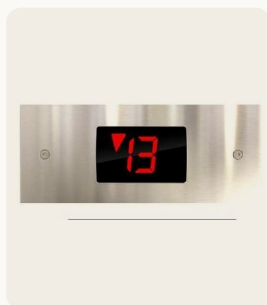
ITM-CS101



ITM-CS102



ITM-DB112



ITM-DB113



ITM-HS105





Control Panels

Armoires de commande

لوحدات التحكم



CONTROL PANEL SPECIFICATIONS ·

CARACTÉRISTIQUES · المواصفات

- Compatible to EN81-1+A3 standards
- Operates with synchronous and induction motors
- Compatible with group operation
- Emergency rescue with UPS (easy and direction)
- Re-leveling system
- Compatible with all kinds of auto doors and manual doors
- 2 door controls for cabins with double entrances at any direction
- 7 segment, grey code and binary code display options
- Panel illumination and cooling fan
- Easy installation with serial and parallel communication with cabin and landing doors
- Combines VVVF drive unit, control board, rescue function and other electrical components in a single monoblock unit
- Contactor-less design with STO function
- Small, light weight and ready to install
- Compatible with EN81-20 standards
- Decreased costs due to less traveling cable requirements
- Direct landing
- Ability to work with synchronous and asynchronous machines
- Ability to work open and closed loop
- Reliable and industrialized
- Energy saving



Electric Machines

Machines de traction électriques

الماكينات الكهربائية



EKER MRL



Montenari



LIFT EQUIP



Hydraulic Systems

Systèmes hydrauliques

الأنظمة الهيدروليكية



ITM-H32



ITM-H33

Cylinder arrangement · Disposition du vérin · ترتيب الأسطوانة



ITM-H · Direct



ITM-H · Side

Special Purpose Lifts

Ascenseurs hospitaliers et monte-plats

مصاعد المستشفيات ومصاعد الخدمة

Hospital bed elevators — Dumbwaiters



Hospital Bed Elevator

Ascenseur hospitalier

مصعد المستشفيات

Hospital bed elevators, the right choice for your hospital needs, are designed to greatly contribute to providing the most secure and reliable ambience that your hospital requires. Integrated with an advanced VVVF (Variable Voltage Variable Frequency) inverter drive, they achieve great cost reduction through innovative energy saving, as well as excellent riding comfort. They are planned, designed and manufactured bearing passengers' security and convenience first in mind; their elegant designs and features enhance the dignity of hospital facilities while providing the amenities that a hospital pursues.

MAIN ADVANTAGES · AVANTAGES · المزايا الرئيسية

- Superior riding.
- Enhanced function of signal fixture.
- Remote monitoring system (optional: self-checking system built in computer).
- 50% energy saving (compared to conventional AC control system).
- 50% reduction in building power requirement (compared to conventional AC control system).
- Excellent security of door for wheelchair and hospital bed (a gap in between).



Overhead & pit depth (mm)

Speed (m/s)	Overhead (OH)	Pit (PP)	M/C room height (MH)
0.5 / 0.75	4400	1500	2400

Standard dimensions & reactions (mm) — the car external size can be varied in line with entrance type

Type	Model	Speed (m/s)	Clear opening OP	Car internal CA×CB	Car external A×B	Hoistway X×Y	M/C room MX×MY	Hitch beam R1 (kg)	R2 (kg)
Standard type	ITM-A2000-2U	0.5 / 0.75	2350	2350 × 5300	2450 × 5508	3300 × 6000	3300 × 6000	17500	12000
	ITM-A2500-2U		2500	2500 × 6300	2600 × 6508	3450 × 7000	3450 × 7000	22500	12500
	ITM-A2000-2U		2350	2350 × 5300	2450 × 5568	3300 × 6050	3300 × 6050	17500	12000
	ITM-A2500-2U		2500	2500 × 6300	2600 × 6568	3450 × 7050	3450 × 7050	22500	12500
Double entrance type	ITM-A2000-2U	0.5 / 0.75	2350	2350 × 5300	2450 × 5616	3300 × 6100	3300 × 6100	17500	12000
	ITM-A2500-2U		2500	2500 × 6300	2600 × 6616	3450 × 7100	3450 × 7100	22500	12500
	ITM-A2000-3U		2350	2350 × 5300	2450 × 5736	3300 × 6350	3300 × 6350	17500	12000
	ITM-A2500-3U		2500	2500 × 6300	2600 × 6736	3450 × 7350	3450 × 7350	22500	12500



Hospital Elevator—Features

Fonctions

الوظائف والمميزات

Feature	Description	Spec
Reserved operation for emergency	Applicable only for hospital bed elevators. The car transports a hospital bed, medical equipment, etc. exclusively to the destination or without responding to other calls.	●
Extended door-open button	When the button inside a car is pressed, the doors will remain open longer to allow loading and unloading of baggage, a stretcher, etc.	●
Door load detector	When excessive door load has been detected while opening or closing, the doors immediately reverse.	●
Safe landing	If a car has stopped between floors due to some equipment malfunction, the controller checks the cause, and if it is considered safe to move the car, the car will move to the nearest floor at a low speed and the doors will open.	●
Overload holding stop	A buzzer sounds to alert the passengers that the car is overloaded. The doors remain open and the car will not leave that floor until enough passengers exit the car.	●
Car call cancelling	When a car has responded to the final car call in one direction, the system regards remaining calls in the other direction as mistakes and clears them from the memory.	●
Emergency car lighting	When traffic is light, empty or lightly loaded cars are given higher priority to respond to hall calls to minimize passenger travel time. (Cannot be combined with hall position indicators.)	●
Safety ray	One or two infrared-light beams cover the full width of the doors as they open or close to detect passengers or objects. (Cannot be combined with multi-beam door sensor.)	●
Emergency landing device	In an emergency, the elevator is operated using the power in the battery, to prevent passengers from being trapped inside the elevator upon power failure. ELD will not function if the equipment's safety device or safety circuit, required by applicable codes or regulations, has been activated.	●
Forced floor stop	All cars in a bank automatically make a stop at a predetermined floor on every trip without being called.	◆
Return operation	Using a key switch on the supervisory panel, a car can be withdrawn from group control operation and called to a specified floor. The car will park on that floor with the doors open, and not accept any calls until independent operations begin.	◆
Firefighter's emergency operation	Elevator operated by a firefighter for firefighting purposes. Location and function of the Fireman's Emergency Operation Switch may vary depending on applicable codes and regulations.	◆

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Feature	Description	Spec
Fire emergency return	In the event of a fire, the car is automatically moved to the Evacuation Floor. Fire Emergency Return is provided either around the Hall Call Buttons or on the Supervisory Panel.	◆
Earthquake emergency return	Elevator cars are moved to the nearest floors when an earthquake is detected by seismic sensors. Two types of operations: Primary Wave (EER-P), initiated if primary seismic waves are detected, and Secondary Wave (EER-S), initiated if secondary seismic waves are detected.	◆
Operation by emergency power source — automatic / manual	Elevators operate using the emergency power source during power failure to prevent passengers from being trapped inside cars. The elevator resumes normal operation when power is restored.	◆
Main floor parking	An available car always parks on the main (lobby) floor with the doors open to reduce passenger waiting time.	◆
Automatic bypass	A fully loaded car bypasses hall calls to maintain maximum operational efficiency.	◆
Interphone	Elevator phone installed in the elevator and connected to the duty room. In case of emergency, passengers can use the phone to quickly seek help. VoIP phone, steel shell, embedded installation.	◆
Car light shut off — automatic	If there are no calls for a specified period, the car lighting will automatically turn off to conserve energy.	◆
Car fan shut off — automatic	If there are no calls for a specified period, the car ventilation fan will automatically turn off to conserve energy.	◆
Group control with hospital emergency operation	An operation by car controllers which automatically maintains elevator operation if a microprocessor or transmission line in the group controller has failed.	◆
Car arrival chime	Electronic chimes sound to indicate that a car will soon arrive. (The chimes are mounted either on the top and bottom of the car, or in each hall.)	◆
Secret call service	To enhance security, car calls for desired floors can be registered only by entering secret codes using the car buttons on the car operating panel. This function is automatically deactivated during emergency operation.	◆

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Dumbwaiter

Monte-plats

مصعد الخدمة (المطاعم والمطابخ)



SPECIFICATIONS

Quick, simple installation. The lift operates inside a rapidly erected, structure-supported frame which is easy to install and requires minimal builder's work. No separate motor room or load-bearing shaft is needed, which helps to keep costs down.

Available from stock*. All standard models are normally available from stock, which means that a lift can be installed and working within a few days, depending on the building work.

Choice of finishes. The finish of the lift car and rise and fall shutters can be tough grey baked enamel or stainless steel. * Combi and bespoke models available on request.

OPTIONS

Low head room — significant reduction in the headroom required at the top floor via the option of either side- or bottom-mounted drive.

Double shaft — model offers two cars in one lift.

01 Quiet and efficient motor

02 Easy-clean finish

03 Robust pushbuttons, fully automatic control

04 Interlocked entrances for extra safety

05 Galvanized framework for long life

06 'Rise and fall' shutters, or hinged doors for ease of access

07 Structure supported frame

Technical data — standard range (mm)

Model capacity	Car dimensions W×D×H	Entrance W×H	Serving height (variable)	Shaft W×H	Pit depth	Headroom
50 kg	510 × 320 × 800	320 × 770	800	725 × 520	—	2600
50 kg	545 × 420 × 800	420 × 770	800	820 × 640	—	2600
50 kg	520 × 520 × 800	420 × 770	800	800 × 800	—	2600
50 kg	620 × 620 × 800	520 × 770	800	900 × 900	—	2600
50 kg	620 × 620 × 800	520 × 770	800	900 × 900	—	2200
100 kg (100A**) rise & fall shutters	720 × 720 × 1000	620 × 970	800	1000 × 1000	—	2800



Technical data — double decker (mm)

Capacity	Car dimensions W×D×H	Entrance W×H	Serving height	Shaft W×H	Pit depth	Headroom
100 kg (per car)	520 × 520 × 800	420 × 770	(a) 1010 · (b) Floor	800 × 800	350	3000
100 kg (per car)	620 × 620 × 800	520 × 770	(a) 1010 · (b) Floor	900 × 900	350	3000
100 kg (per car)	720 × 720 × 800	620 × 770	(a) 1010 · (b) Floor	1000 × 1000	350	3000
100 kg (per car)	820 × 820 × 800	720 × 770	(a) 1010 · (b) Floor	1100 × 1100	350	3000

Technical data — bottom drive (mm)

Capacity	Car dimensions W×D×H	Entrance W×H	Serving height	Shaft W×H	Pit depth	Headroom
50 kg	510 × 320 × 800	320 × 770	800	725 × 520	–	2250
50 kg	545 × 420 × 800	420 × 770	800	820 × 640	–	2250
50 kg	520 × 520 × 800	420 × 770	800	830 × 800	–	2250
50 kg	620 × 620 × 800	520 × 770	800	930 × 900	–	2250
100 kg	720 × 720 × 800	620 × 770	800	1030 × 1000	–	2250
100 kg	820 × 820 × 800	720 × 770	800	1130 × 1100	–	2250

Quick reference guide

Feature	Description	Spec
Load	50 kg and 100 kg (can be uprated to 150 kg).	●
Car	Constructed in mild steel, finished in grey baked enamel with a stainless steel base and a removable stainless steel shelf. The car can also be finished in stainless steel.	●
Landing entrances	High quality rise and fall shutters or hinged doors are fitted with safety locks and can be finished in either grey baked enamel or stainless steel.	●
Car entrance protection	Whilst it is not essential to fit doors onto the car itself, it is highly recommended to do so. If doors are not fitted, other means of restraining the goods should be assessed and provided. Stainless steel rise and fall doors are available for all models, whilst collapsible gates are available on all models serving at floor level as an option.	●
Mounting	The lift is supplied in a structure-supported frame which is galvanised for longer life. We do not require a separate motor room or 'load-bearing' lift shaft. For more information, please ask for our builder's work detail.	●
Floors served	Can serve up to 12 floors.	●
Speed	0.35 m/s (70 ft/min).	●
Controls	Fully automatic push button control, with call and despatch facilities at each entrance. For that extra reassurance, 'lift arrival', 'lift occupied' and 'lift position indicators' together with an 'arrival buzzer' are fitted as standard.	●
Operation	The operation is smooth and quiet with a highly efficient motor winding unit with a reliable controller. Combined with a counter-balance drive system, this ensures electrical consumption is minimal.	●
Winding unit	Normally mounted at the top of the lift structure within the headroom dimensions shown. The motor drives a high quality reduction gearbox fitted with a traction vee-sheave. An electro-magnetic disc brake is supplied, with emergency release mechanism.	●

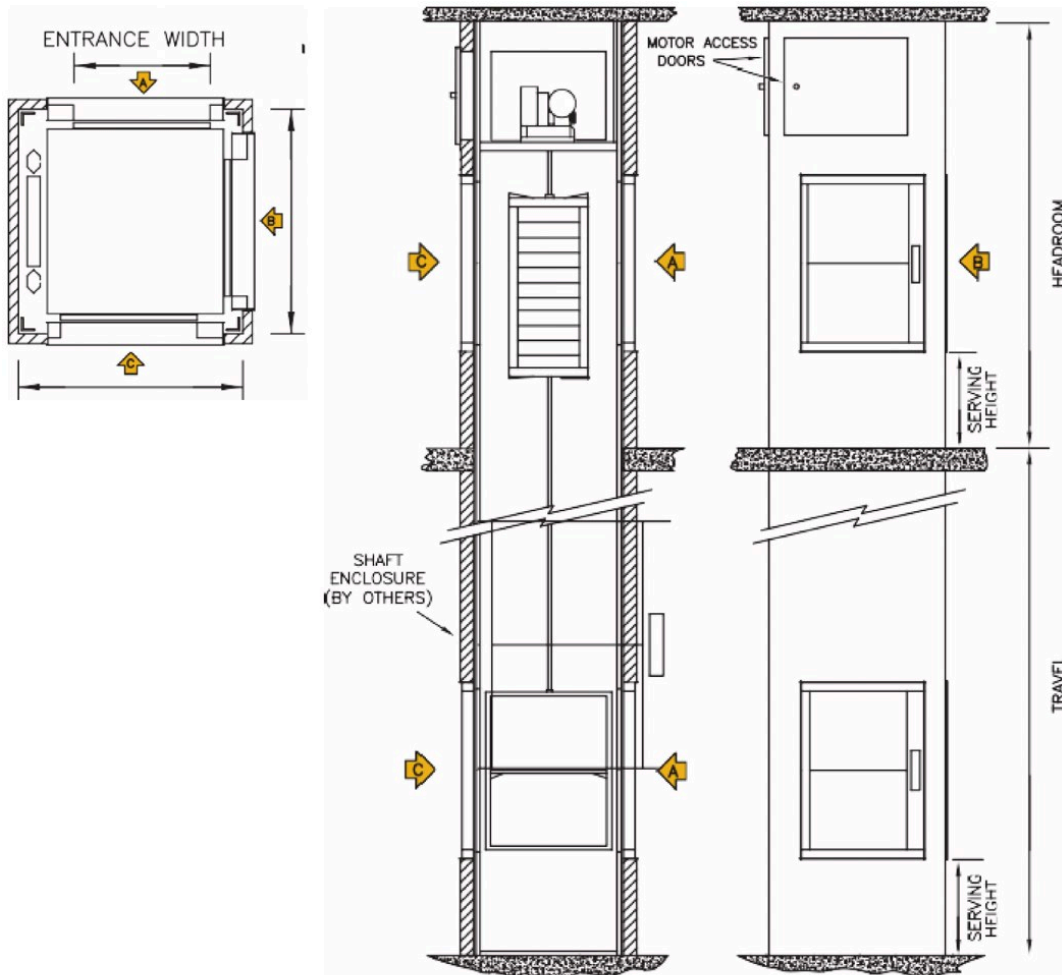
● Standard · Standard · قياسي ◆ Option · Option · اختياري



Dumbwaiter—Layout

Implantation

مخطط التركيب



Freight & Automobile

Monte-charge et ascenseurs automobiles

مصاعد البضائع ومصاعد السيارات

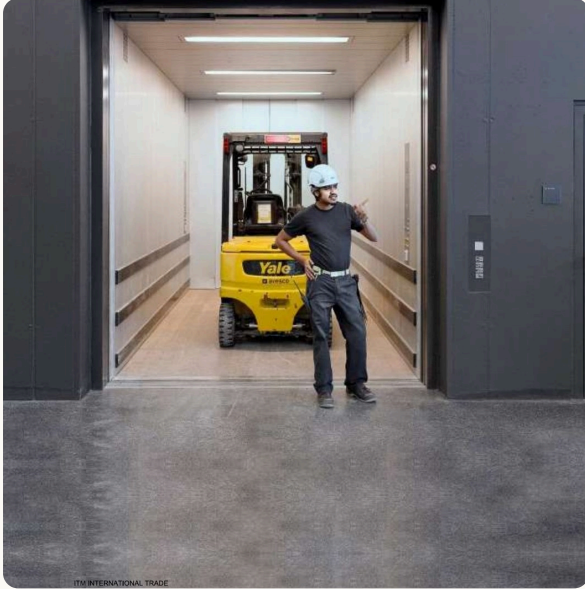
Freight elevators — Automobile elevators



Freight Elevator

Monte-charge

مصعد البضائع



GENERAL TYPE

- Accurate landing, smooth acceleration and deceleration, comfortable riding, low-noise operation.
- 40% energy saving (compared to conventional AC control system).
- 40% reduction in building power requirements (compared to conventional AC control system).
- High reliability with enhanced operation in all respects (all functions are controlled by computer and frequency of machine breakdown rates minimized).
- Self-checking system built-in inside computer.

HYDRAULIC TYPE

- Smaller installation space than traction (rope) elevators require.
- Greater advantages for construction design (machine rooms can be made anywhere in the building except in the shaft).
- Accurate landing and comfortable riding.
- High reliability (if power fails, the car moves down to the bottom floor automatically).
- Enhanced safety (safety device cuts off the flow of oil when the descending speed of the car exceeds the pre-determined speed).

Dimensions (mm)

Capacity (kg)	Speed (m/min)	Entrance W×H	Car internal W×D	Hoistway W×D
750	30 · 45 · 60	1100 × 2100	1700 × 1650	2500 × 2150 · 2500 × 2320
1000	30 · 45 · 60	1400 × 2100	1850 × 1850	2750 × 2400 · 2750 × 2600
1500	30 · 45 · 60	1700 × 2100	2100 × 2500	3000 × 3050 · 3000 × 3250
2000	30 · 45 · 60	1700 × 2100	2300 × 2700	3300 × 3250 · 3300 × 3450
2000	30 · 45 · 60	2300 × 2100	2300 × 2700	3300 × 3250 · 3300 × 3490
2500	30 · 45 · 60	1800 × 2100	2500 × 3000	3500 × 3600 · 3500 × 3750
2500	30 · 45 · 60	2500 × 2100	2500 × 3000	3500 × 3600 · 3500 × 3800
3000	30 · 45	2700 × 2300	2700 × 3300	3700 × 3900 · 3700 × 4100
3500	30 · 45	2800 × 2500	2800 × 3800	4050 × 4400 · 4050 × 4600
4000	25 · 30	3000 × 2800	3000 × 4500	4250 × 5250 · 4250 × 5520
5000	25 · 30	3200 × 3000	3200 × 5000	4450 × 5750 · 4450 × 6020

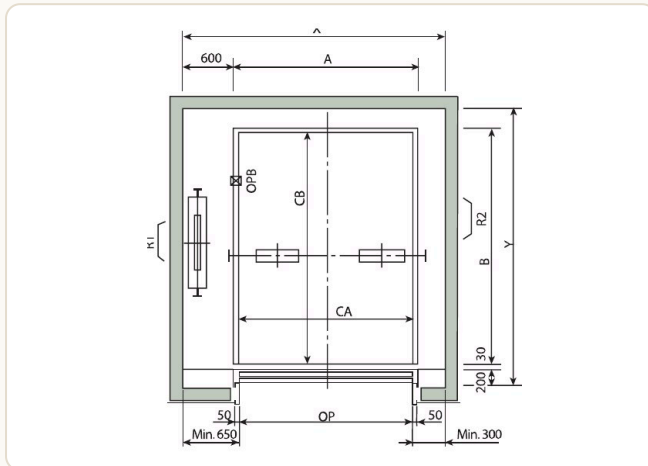


Automobile Elevator

Ascenseur automobile

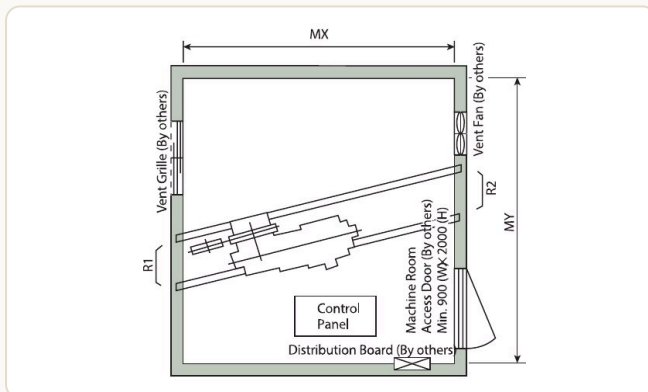
مصعد السيارات

2-panel up-sliding doors (2U) — plan of hoistway & machine room



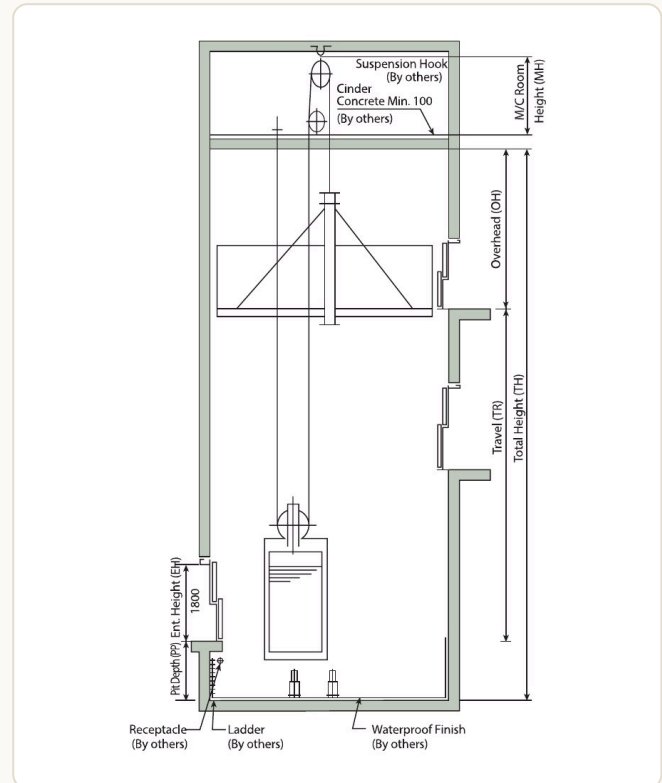
1. Minimum floor height: opening height $\times \frac{3}{2} + 700$ mm
2. Minimum entrance height: 1800 mm

Machine room plan

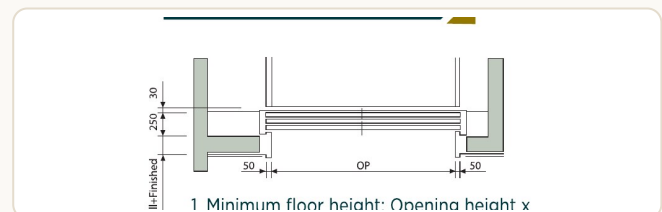


Notes: the above are minimum sizes. 1. Temperatures should be maintained below 40° with ventilating fan and/or air conditioner (if necessary) and humidity below 90%. 2. The specification of car doors is optional.

Section of hoistway



3-panel up-sliding doors (3U)



1. Minimum floor height: opening height $\times \frac{4}{3} + 750$ mm
2. Minimum entrance height: 1800 mm

Overhead & pit depth (mm)

Speed (m/s)	Overhead (OH)	Pit (PP)	M/C room height (MH)
0.5 / 0.75	4400	1500	2400



Technical Features — Operation Functions

Fonctions de service

الوظائف التشغيلية

Feature	Description	
Hall / Car Position Indicator	Persons both in car and at landings (generally main landing) may see where the elevator(s) are.	●
Intercom System	Provides emergency communication between passengers in the car, car top, platform (pit), the machine room or building staff in a security or maintenance room.	●
Alarm Bell	An alarm sound signal will be given out to the outside in specific conditions.	●
Drive Overheat Protection	Self-protection mode will be achieved if the temperature of the motor exceeds the preset value due to the heat made by the motor itself or the high temperature in the environment. The car stops at the nearest floor, unloads and shuts down the light and ventilation device; once the temperature falls to normal, the car will recover.	●
Cancel Error Calls	Before the car starts, the registration of a call or operation can be cancelled by double click of this button. After the car starts, registration cancel will not be allowed for the sake of passengers' safety.	◆
Door Re-open	Allows the door to reopen while there is a call in the same direction of the car during the door closing process.	●
Start Torque Compensation	For better comfort at the car's start, computing the load in the car by the system will make the start smooth.	●
Door Close / Open Button Light	Door Close / Open buttons will be highlighted if the buttons are pressed, as a success echo.	●
Door Hold Button	Pressure on the Door Hold button "DHB" in the car operating panel opens the door, reverses the door, and keeps the door open for a specified adjustable door hold time.	◆
Emergency Fire Return Operation	If there is a fire in a building, the system will cancel all commands, control the elevator back to the fireman's floor to evacuate the passengers and wait for the fireman's operation after receiving a fire alarm signal. The control center will send the signal when the forced homing has been done successfully.	◆
Independent Service	To satisfy and cater for customers' special requirements, independent service state is set up to make the elevator operation and its gate operation controlled manually only.	◆
Car Chime	On the top of the car, a bell ring will be given out when the car reaches the destination floor.	◆
ELD Device	When a sudden power cut happens, the device will work and the car will stop at the nearest floor; after the leveling action, a sound signal will be given out and the door opens for unloading.	◆
Non-Stop Button	Once the NSD button is pressed, all calls outside will not be registered, and the car moves directly to the destination floor.	◆

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Feature	Description	
Fireman's Service Light	Indicates that the car is on any kind of Fireman service.	◆
Re-leveling Operation	Stopping errors shall be corrected by re-leveling when loading or unloading. The possible stopping accuracy depends on the type of drive and the position sensors.	◆
Enable Cancel Door Time with CCB	Under automatic conditions, while the door is fully open and in holding period, it can be closed in advance by pressing the CCB button constantly.	●
Delayed Car Door Close Protection	If the door opened for a predetermined time due to constantly pressing the hall call button or other reasons, the elevator will be forced to close to respond to other signals; in case the elevator fails to carry out DCP force-closure, the elevator will stop and the inside or outside calls will be cancelled automatically. The elevator will recover to normal operation when it detects the door is closed naturally.	●
Door Time Protection — Open	If the car door does not open completely within an adjustable time (default 20 sec) after the door open command due to mechanical problems or any other reasons, the elevator will cancel all the signals (external and internal) and go to the floor nearby to release passengers.	●
Door Time Protection — Close	If there is no door closing signal, the elevator will automatically enter protection mode after the third door closing demand when it is blocked and exceeds the predetermined time limit due to mechanical problems or any other reasons. It will resume normal operation only if the door closes successfully.	●
Full Load Non-Stop	When a car is loaded to a predetermined percentage of its capacity, it is considered "full". Additional passengers would be unable to enter.	●
Parking Operation	After the key installed at the predetermined floor has been triggered, the elevator will move to the predetermined floor after finishing response to all commands. At the same time, energy saving mode will start, cutting off all in-car lighting and turning on all stop-lift switch indicators.	◆
Top of Car Inspection	The inspection operation switch and its push buttons and an emergency stopping device "TES" shall be placed on the car roof so that they are readily accessible.	●
Light and Ventilation in Car	After a preset timeout, the car will suspend in a minor power consuming mode; the light and ventilation device in the car will be shut down if no operations are registered.	●
Overload Protection	If the load exceeds the rated load, a sound signal will be given out by speaker and "OVERLOAD" will be displayed; the car door will not close and the elevator will not start.	●
Hall / Car Direction Indicator	To inform the passengers about the operation direction, there should be a direction indicator on the car operational board or in the jamb of the car entrance.	●

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