



ALPHA MATAR

ELEVATORS & ESCALATORS



Elevators



Escalators &
Moving
Walkingways



Elevator
Components

***"Lifting the city that
never sleep"***



ALPHA MATAR
ELEVATORS & ESCALATORS



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THE JOURNEY TO THE TOP

PROFILE

Matar Electric Lifts Co.® was founded in 1979. It is one of the most prominent Egyptian leaders in the installation, maintenance, and service of elevators. After more than thirty five years in business, Matar company has more than 3500 elevators in operation.

Since we started, we are with high standards of installation and maintenance which gave us the best reputation in the Egyptian market. We are able of supplying all kinds of electrical lifts and escalators and auto-walks of different designs, loads and speeds.

In 1995, we started our own workshop manufacturing and designing our own cabins aiming for a unique image for our clients.

We had the pressure of installing elevators in embassies, colleges, malls, hospitals and buildings all over Egypt, and we were satisfied by hearing the good comments from valuable, intellectual and well known people in Egypt. We have also been indulged in installing escalators in malls and big supermarkets.



**40 YEARS OF
ACHIEVEMENTS**



**3500+
ELEVATORS
IN OPERATION**



MANY GOALS ONE DESTINATION

MATAR STORY

Matar Lifts has built up a domestic sales and service network, covering all of the Egyptian major cities. This allows us to provide our customers with an efficient and convenient operation in sales and service. Matar Electric Lifts promises life-long service and maintenance for its products. Also, it makes all efforts to expand in overseas markets.

COMPANY TEAM

The Matar company team consists of 270 employees. Sales engineers, lift space designers, realstate evaluating consultants, cost accounting experts for the lift installation project and maintenance engineers form a professional service consulting team to provide the most comprehensive solutions.

INSTALLATION DEPARTMENT

Our installation department assembles our sold lifts and consists of over 20 working crews (over 100 technicians) under supervision of qualified engineers.

Our service department is maintaining over 1600 units mostly in Cairo and is performing services and modernization of our lifts.

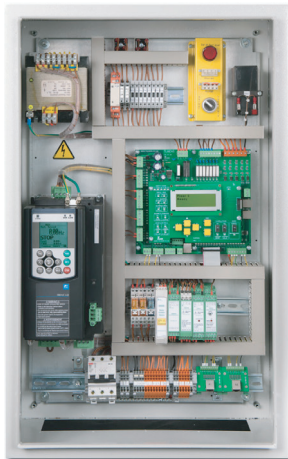
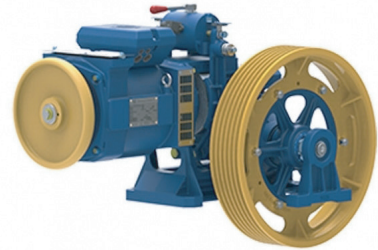


Alpha Matar® has recently operated its own factory in CPC compound in 6 th October city. The Factory is properly equipped with modern machines to produce all sheet metal work required for its activities like Cabins, Slings ... etc. The factory is operated by professional engineering, management, and has a showroom for its products.

SMOOTH, RELIABLE AND ECONOMICAL OPERATION OF **OUR LIFTS**

MACHINES

Alpha Matar® Uses Montanari machines which is one of the most prominent producers of machines around the world. Our machines are durable, longlife and completely pretested in factory.



CONTROLLERS

Our lift controllers are designed based on microprocessor technology and all its major components are sourced out from the best suppliers. Silent, reliable, adjustable and excellent performance are the main features of our controllers. They are assembled in our factory.

SIGNALISATION

Call Buttons, car operating panels, positional indicators and other signalization component are produced by ELMY Italy one of the best producers of such components in the world.



OFFERING THE GEARLESS MACHINE ROOMLESS **SOLUTION**

Most recently an invention was made in elevators technology offering the gearless machine roomless solution. Alpha Matar® can offer the successful solution for gearless roomless elevators in all its options at very competitive prices. It has always been known that gearless machines are very reliable in operation and offers a very smooth running of elevators. The installation work wouldn't need machine room any more reducing overtravel and space, offering a very comfortable ride. It is to be mentioned that its power consumption is lower than traditional elevators. In such installation the machine is included the elevator shaft.



OFFERING THE VARIETY RANGE OF ESCALATORS

ALPHA MATAR® company is capable of supplying all kinds of escalators with different step width inclination degree and alternative technical options.

Escalators are the most effective vertical transportation tool as the number of persons that can be transported per hour could range from 6000 to 9000 persons per hour depending on the speed of the escalators and the width of the stop. They are also very safe way for transportation, they are very effective mean in malls, shopping centers, under ground stations and food courts.





ALPHA MATAR
MOVES PEOPLE

من قانون البناء الموحد رقم ١١٩ لسنة ٢٠٠٨

مادة (١٥٣) : يلتزم المالك او اتحاد الشاغلين حسب الأحوال بالاتي :
المتعاقد مع احدى المنشآت المرخص لها في مجال انشاء و تشغيل و صيانة المصاعد و المقيدة بالاتحاد المصري لمقاولي التشييد و البناء للقيام بأعمال الاصلاح و الصيانة الدورية و تلتزم المنشأة بأعمال الصيانة و فحص و اختبار المصعد و تقديم شهادة معتمدة و ذلك على ان يكون مدوناً الرقم المسلسل للمصعد.

تثبيت لوحة داخل كابينة المصعد في مكان ظاهر مدون بها بيانات المصعد و هي :
- تاريخ انشاء المصعد، الرقم المسلسل للمصعد، اسم الشركة المسؤولة عن الصيانة، تاريخ سريان شهادة تشغيل المصعد.
- ابلاغ الجهة الادارية المختصة عن أي تغيير يطرأ على بيانات المصعد و ذلك خلال موعد أقصاه اسبوعين من تاريخ التغيير.
- التبليغ الفوري للمنشأة المختصة عن الأعطال في المصعد و إيقاف المصعد اذا لزم الأمر لتقوم بالاصلاح اللازم.
- تجديد شهادة تشغيل المصعد كل ثلاث سنوات.

مادة (154) : لا يجوز لأي شخص او شركة او مؤسسة او جهة :
انشاء - تجميع - استبدال - تحديث - صيانة - تشغيل او اصلاح المصاعد او المشايات الكهربائية او السلاسل الكهربائية بالمباني دون الحصول على ترخيص مزاولة أعمال مصاعد ساري المفعول مع الاتحاد المصري لمقاولي التشييد و البناء.

من الكود المصري لأسس تصميم و شروط تنفيذ المصاعد في المباني جدول: ج ٣-١ أبعاد يوصى بها المصاعد للاستخدامات المختلفة

المعيار	عدد الركاب	الحمل المقنن (كغم)	أبعاد الصاعدة			عرض البئر (مم)	عمق البئر (مم)	
			العرض (مم)	العمق (مم)	المساحة (مم²)			
مصاعد الركاب	4	320	900	1000	0.9	1400	1400	
	6	450	1100	1200	1.3	1600	1600	
	8	640	1100	1400	1.54	1800	1600	
	10	800	1350	1400	1.89	1800	1600	
	13	1000	1600	1400	2.24	1800	2100	
	16	1250	1950	1400	2.73	1800	2400	
	18	1350	1950	1500	2.925	1900	2400	
	21	1600	1950	1750	3.41	2200	2400	
	21	1600	1800	1800	3.24	2200	2300	
المصاعد في المباني	13	1000	1600	1400	2.24	2100	1900	
	16	1250	1950	1400	2.73	2300	1900	
مصاعد الأسرة	21	1600	1400	2400	3.36	2100	2800	
	26	2000	1500	2700	4.05	2000	3100	
	33	2500	1800	2700	4.86	2300	3100	
مصاعد نقل السيارات		4000	3000	6000	18	3500	6500	

جدول (و-٤) : جدول استشاري لبعض أنواع دلائل الحركة الصاعدة و ثقل الموازنة ذات أبعاد مختلفة
توضح بعض الاستخدامات لسرعات مختلفة و أحمال مقننة مختلفة و مسافات التباعد بين دعائم التثبيت في المباني السكنية

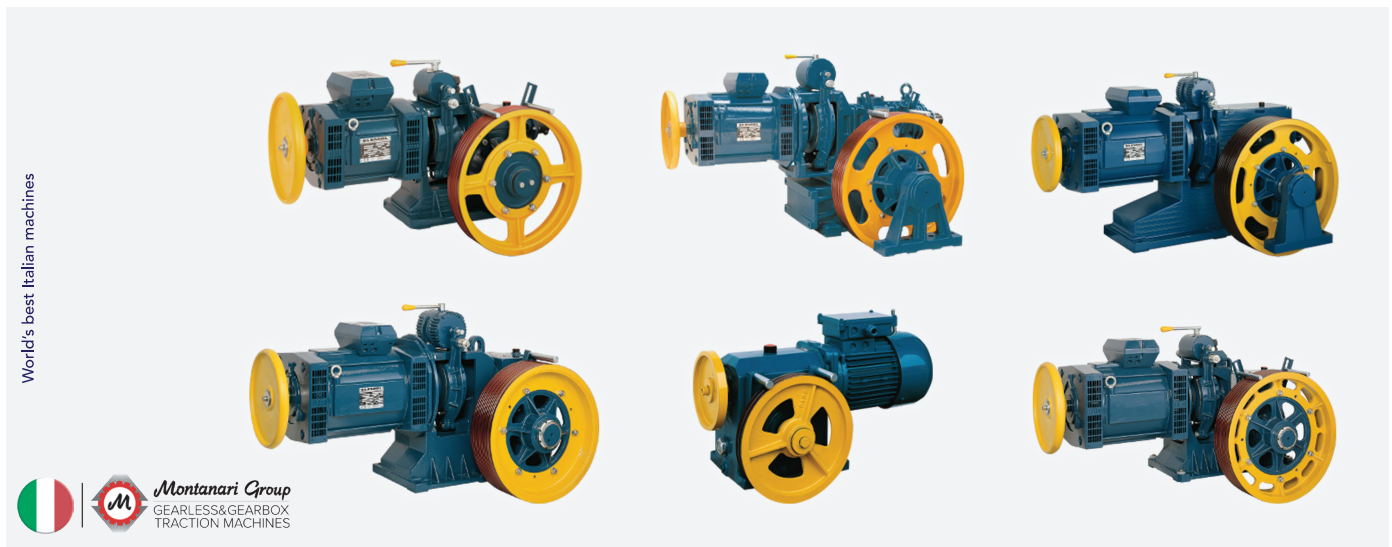
من الكود المصرى لأسس تصميم و شروط تنفيذ المصاعد فى المباني

[illegible]

ملحوظة: ٥٠ : ٥٠ x ٥٠ x ٥ مم ، ٧٠ : ٧٠ x ٦٥ x ٩ مم ، ٧٥ : ٧٥ x ٦٢ x ١٠ مم ، ٨٩ : ٨٩ x ٦٢ x ١٦ مم ، ١٢٧ : ١٢٧ x ٨٩ x ١٦ مم




قطاعات دلائل الحركة و أسطح التشطيب لها تعتمد على أبعاد الصاعدة و مسافات التباعد بين دعائم التثبيت و في حالة اختلاف الأبعاد عن القيم الواردة بالجدول يتم تطبيق الحسابات الواردة بملحق (ز) لحساب القوى المؤثرة على قطاع الدليل

GEAR GENERAL PERFORMANCES



GEAR TYPE	MAX STATIC LOAD	MAX POWER	MAX POWER	MAX TORQUE	RATIOS	GEAR WEIGHT	OIL CAPACITY
M50	650	1.5(1.1)	1(0.73)	21.3	1/53 1/41	~50 with motor	1
M73	2000	9(6.6)	6(4.4)	70.2	1/75 1/60	~200	2.8
M73S	3200				1/52 1/46 1/37 2/55 2/37	~205	
M75	2000	10(7.4)	7(5.1)	118	1/52 1/50	~200	2.8
M75S	3200				1/37 2/55 2/37	~205	
M83	3200	16(11.8)	12(8.8)	138	1/69 1/60 1/53 1/50 1/43 1/39 1/37 1/70 2/41 2/50	~205	4.5
M85	4000	16(11.8)	12(8.8)	138	1/69 1/60 1/53 1/50 1/43 1/39 1/37 1/70 2/41 2/50	~260	4.5
M93	5000	24(17.6)	16(11.8)	181	1/62 1/43 1/39 2/49 4/51	~310 ~320	7.5
M98	7000	40(29.4)	27.5(20.2)	308	1/65 1/52 1/47 1/37 2/49 4/57	~780	9
M104	12000	55(40)	35(26)	545	1/71 1/65 1/49 2/53 4/67	~930 (B9) ~1000 (B3)	15
M106	15000	90(66)	72(53)	680	3/57 1/49 2/55	~1350 (B9) ~1800 (B3)	47

SPECIFICATIONS

No. of Persons	Shaft size (cm)		Cabin Dimension (cm)		Door Opening Dimension (cm)		Machine Room Dimension (cm)		
	Width	Depth	Width	Depth	Width	Height	Width	Depth	Height
4 	140	150	100	105	100 (In case of 70cm clear opening)	215	180	200	250
6 	160	170	113	120	100 (In case of 70cm clear opening)	215	200	220	250
8 	185	180	127	130	110 (In case of 80cm clear opening)	215	225	230	300



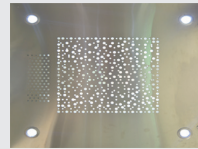


SS-1

Side Walls	Vertical stainless steel x Mirror stainless steel
Rear Side	Full height mirror with stainless steel on sides
Ceiling	Stainless Steel
Floor	Granite
Lighting	Direct & indirect light



Top Corner



Ceiling



Bottom Corner



Floor

SW-1

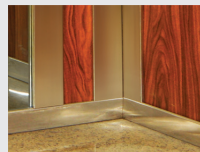
Side Walls	Vertical wooden laminate x Stainless steel
Rear Side	Full height mirror x Wooden laminate x Stainless steel on sides
Ceiling	Stainless Steel
Floor	Granite
Lighting	Direct & indirect light



Top Corner



Ceiling



Bottom Corner



Floor





SW-2

Side Walls	Horizontal wooden laminate x Mirror stainless steel
Rear Side	Half mirror x Wooden laminate
Ceiling	Stainless Steel
Floor	Granite
Lighting	Direct light



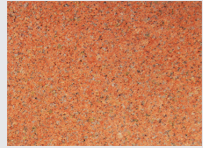
Top Corner



Ceiling



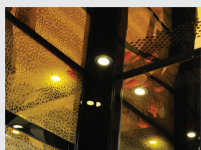
Bottom Corner



Floor

SS-4

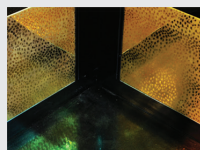
Side Walls	Horizontal Golden Etched Stainless x Black Stainless steel
Rear Side	Mirror with Golden Etched Stainless Steel Under Surrounded By Black Stainless steel
Ceiling	Golden Stainless Steel
Floor	Double black granite
Lighting	Direct light



Top Corner



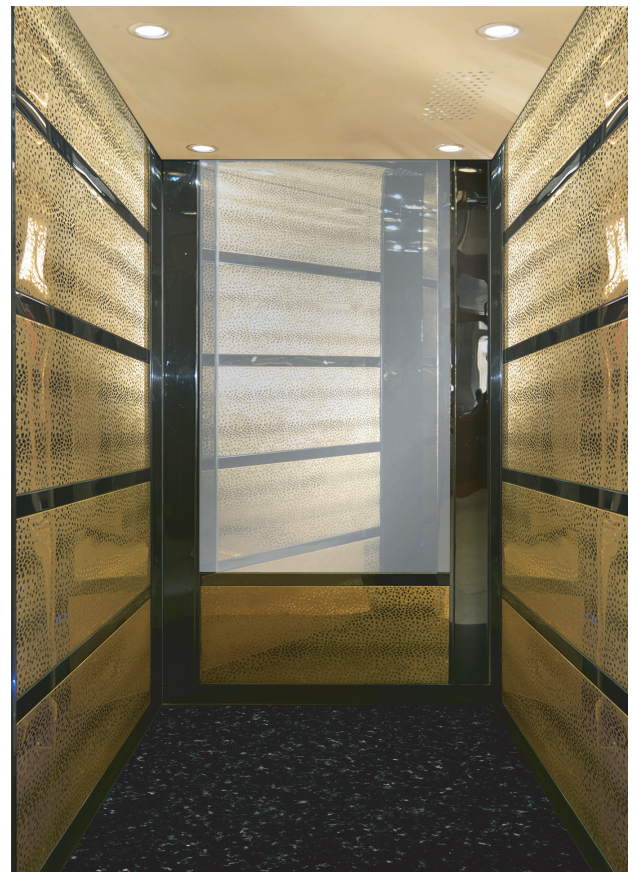
Ceiling



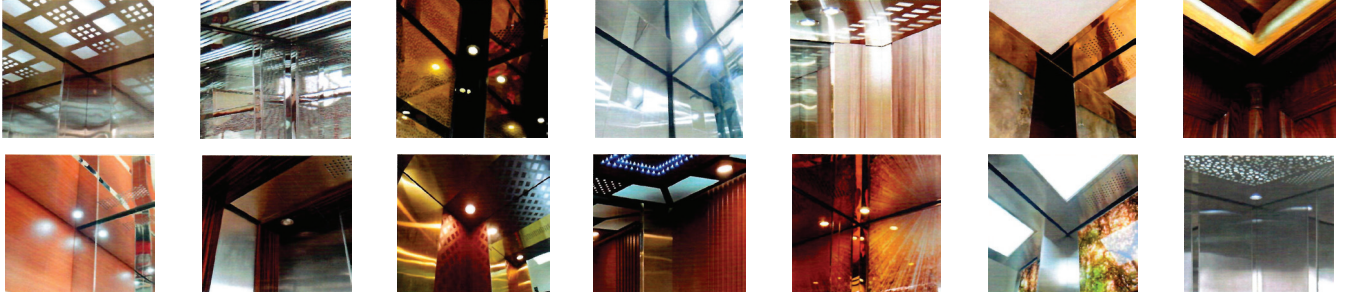
Bottom Corner



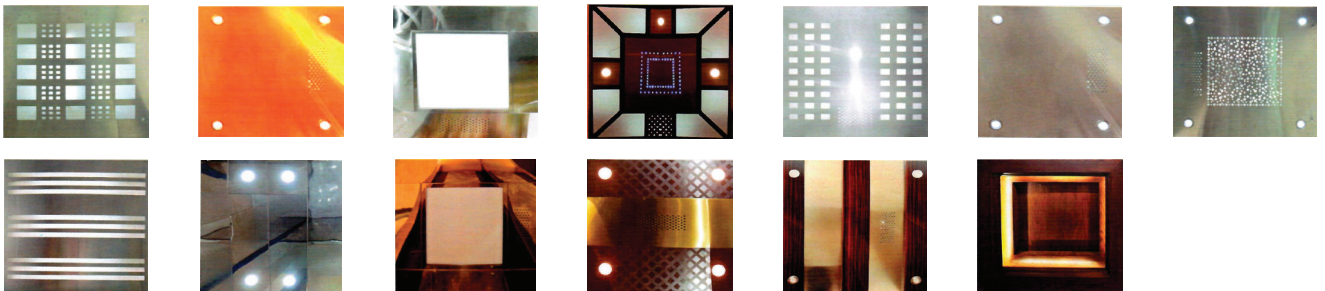
Floor



Top Corner



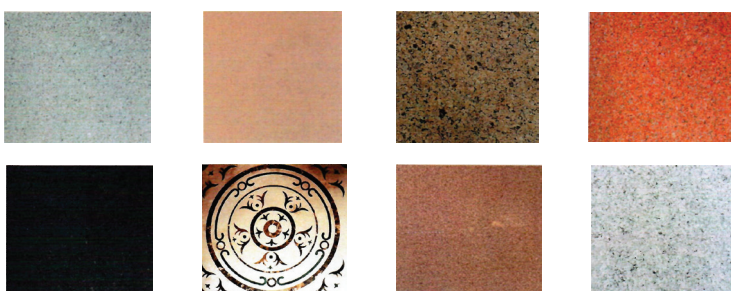
Ceiling



Bottom Corner



Floor
























Disclaimer
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CABIN DOORS



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	 MSA University October University for Modern Sciences and Arts Established by Dr. Nawal El Degwi in 1996		
		 Misr for Industry and Trade	 Misr International University جامعة مصر الدولية
			
			
	 EST. 1989		
			+ more satisfied clients

A photograph of a modern hallway with a blue door. The door has a silver handle and a large, stylized red graphic of a circular arrow with an upward-pointing arrow on its right side. The text "ALWAYS SEEK PERFECTION" is overlaid in white. The hallway has a grey carpet and a circular light fixture on the ceiling.

**ALWAYS SEEK
PERFECTION**

READY TO LIFT YOUR EXPECTATIONS

ALPHA MATAR® provides innovative and eco-efficient solutions for elevators and escalators.

We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernization. ALPHA MATAR is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all ALPHA MATAR® solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations.

ALPHA MATAR® employs on average +250 dedicated experts to serve you.



**BE GREEN
KEEP IT ON
THE SCREEN**

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🌐 alphamatar.com

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