



SQUALL ELEVATORS

Build the trust - Keep the bond



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OUR CORE VALUES:

- ✓ NO COMPROMISE IN SAFETY
- ✓ NO COMPROMISE IN QUALITY
- ✓ TROUBLE FREE INSTALLATION
- ✓ ELEGANT DESIGN
- ✓ SERVICE EXCELLENCE



Introduction :

Squall Elevators is a leading provider of vertical transportation solutions, specializing in the design, manufacture, installation, and maintenance of elevators. With a commitment to innovation, safety, and customer satisfaction, we have established ourselves as a trusted name in the industry.

Mission Statement :

Squall Elevators our mission is to elevate people and businesses by providing reliable, efficient, and safe vertical transportation solutions that enhance mobility and convenience.

Company Overview :

We operate with a focus on quality, reliability, and technological advancement, ensuring that our products and services meet the highest standards of safety and performance. Our team consists of experienced engineers, technicians, and support staff who are dedicated to delivering excellence at every stage of the project life cycle. With a customer-centric approach, we collaborate closely with clients to understand their unique requirements and provide tailored solutions that exceed expectations.

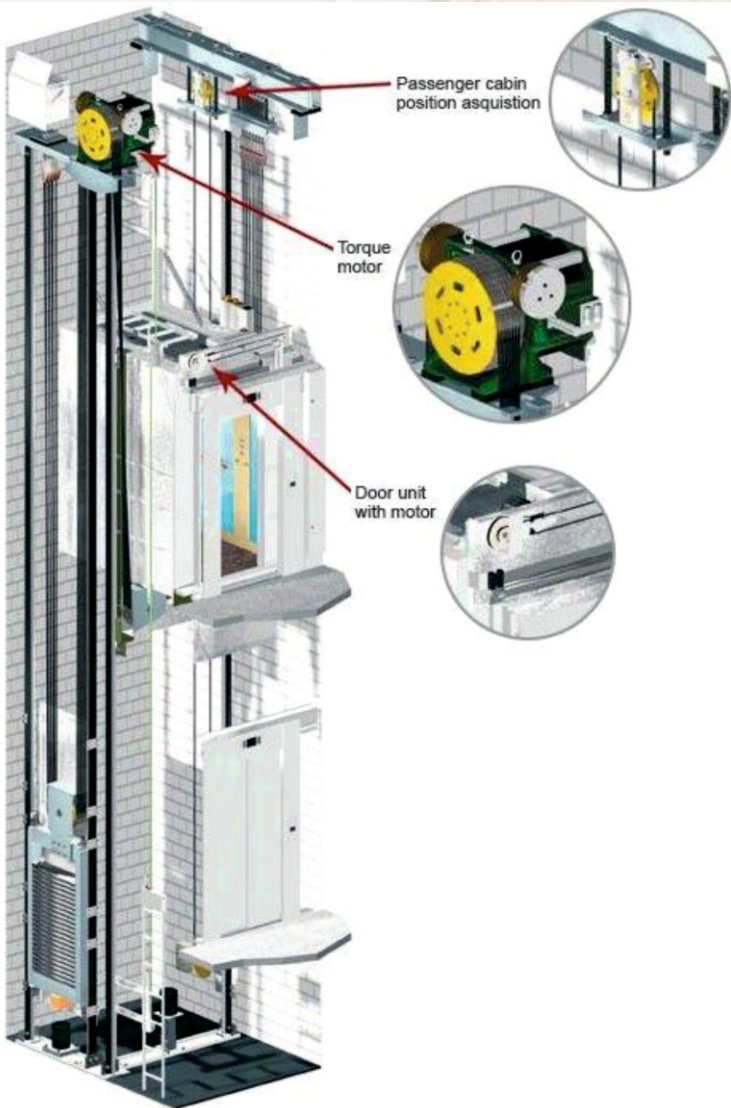


MACHINE ROOM LESS ELEVATOR (MRL)

Machine Roomless Traction Lifts (MRL) all best-in-class features and design. The combination of higher speed travel and energy efficiency is perfectly integrated within multi-floor buildings or shopping malls with high usage frequency.

Easy installation

- ◆ Eco-friendly – Low energy consumption systems
- ◆ Outstanding ride quality and smooth operation
- ◆ Precise leveling accuracy
- ◆ Space saving (doesn't require machine room)
- ◆ Advanced technology
- ◆ High quality aesthetics
- ◆ Compatibility with the full range of Cabins & Doors
- ◆ Adaptability to shaft dimensions



GEAR LESS MOTORS

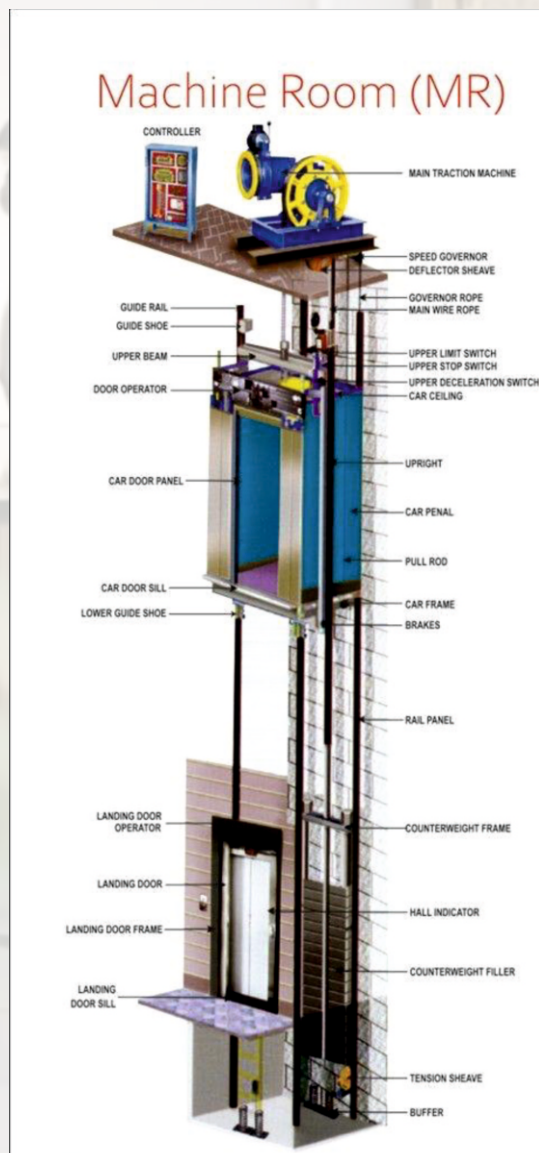


TRACTION LIFTS WITH MACHINE ROOM (MR)

Machine Traction Lifts (MR) are designed to offer the ultimate, in both quality and operational excellence, delivering enhanced functionality

Easy installation

- ◆ Easy installation
- ◆ Low maintenance cost
- ◆ Reduced energy consumption and installed power by using of VVVF drive
- ◆ Precise leveling accuracy
- ◆ Outstanding ride quality & smooth operation
- ◆ Adaptability to shaft and machine room dimensions
- ◆ Specialized solutions for modernization projects
- ◆ High quality aesthetics
- ◆ Compatibility with the full range of Cabins & Doors



GEARED MOTORS



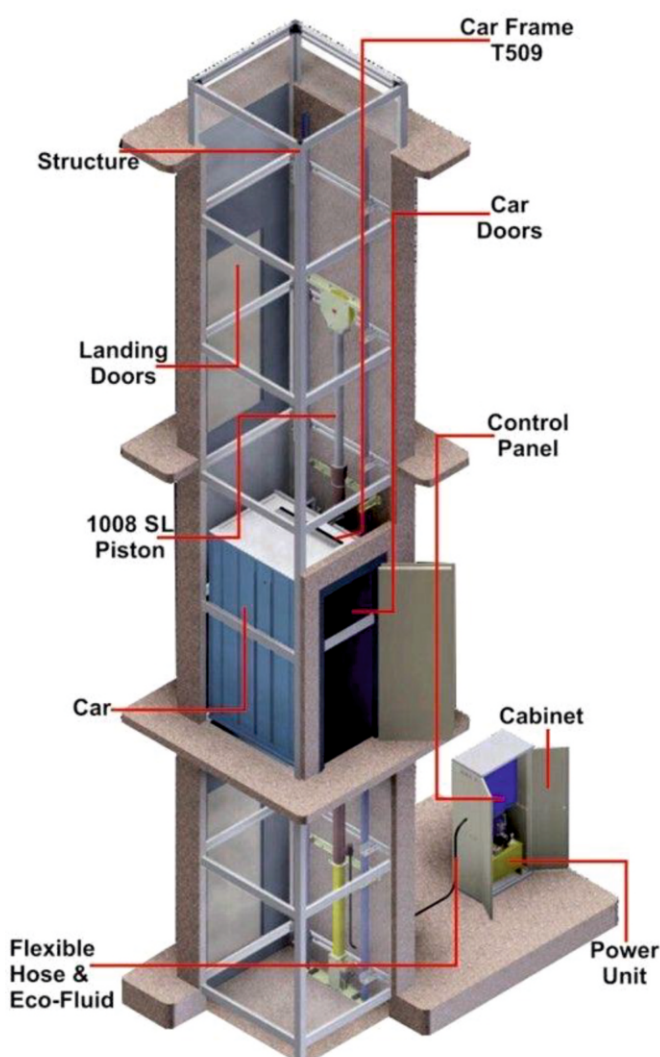
HYDRAULIC LIFTS

With their exceptional reliability, Hydraulic Lifts are the ideal choice for any type of building up to 4 floors. These lifts provide high flexibility as they are designed to fit in standard industry shaft sizes or can be configured to your custom building requirements.

Easy installation

- ◆ Easy installation
- ◆ Low installation cost
- ◆ Low maintenance cost
- ◆ Low energy consumption in Standby Mode
- ◆ Electronic Valve: Self-teaching without any adjustments
- ◆ Smooth & reliable operation
- ◆ Optimum space efficiency | Maximum cabin size in a standard shaft
- ◆ Adaptability to shaft dimensions
- ◆ High quality aesthetics
- ◆ Compatibility with the full range of Cabins and Doors

The H200 Incorporates Proven and Reliable Hydraulic Technology and Ours Comfort and Performance



Technical compliance	Italian Machinery Directive
Drive system	Hydraulic control unit with indirect action by chains
Rated speed	0.15 m/s up to 0.5 m/s
Rated load	Up to 400 kg
Travel height	12600 to 13100 mm
Number of stops	Max. 6 stops per lift
Number of doors	Max. 12 doors per lift
Pit	120 mm (no pit is required when there is a threshold/ramp)
Shaft top height	Standard 2300 mm depending on shaft type and landing doors.
Platform control	Automatic (one-touch) with call reservation
Environment	Indoor / Outdoor
Emergency lowering	Battery-operated emergency lowering
Control voltage	12 / 24V

HOSPITAL LIFTS

We offer Hospital Lifts for Hospitals for easy transportation of bulky equipments as well as patients. These are apt to meet the modern day hospital needs. These have sophisticated looks with high functionality. Hospital Lifts are best to carry gurneys, stretchers as well as wheel chairs. We offer these at attractive prices and in various models.



ELEVATOR SPECIFICATION

PASSENGER ELEVATORS										
LOAD		CAR INSIDE		ELEVATOR WELL		ENT	MACHINE ROOM			TYPE OF DOOR
PERSONS	KG	WIDTH A	DEPTH B	WIDTH C	DEPTH D	E	WIDTH K	DEPTH L	HIGHT H	
4	272	1100	700	1600	1100	700	3100	3600	2500	MANUAL
5	340	1100	850	1600	1300	700	3100	3600	2500	
6	408	1100	1000	1600	1400	800	3100	3900	2500	
8	544	1300	1100	1800	1550	800	3300	4050	2500	
4	272	1100	700	1900	1400	700	3490	3600	2500	AUTOMATIC
5	340	1100	850	1900	1500	700	3100	3600	2500	
6	408	1100	1000	1900	1700	800	3400	4100	2500	
8	544	1300	1100	1900	1800	800	3400	4400	2500	
10	680	1350	1300	1900	2000	800	3400	4600	2500	
13	884	2000	1100	2500	1900	900	4000	4400	2500	
16	1088	2000	1300	2500	2100	1000	4000	4600	2500	
20	1360	2000	1550	2500	2400	1000	4000	4900	2500	
24	1632	2150	1650	2650	2500	1100	4150	4950	2500	

HOSPITAL ELEVATORS									
LOAD		CAR INSIDE		ELEVATOR WELL		ENT	MACHINE ROOM		
PERSONS	KG	WIDTH A	DEPTH B	WIDTH C	DEPTH D	E	WIDTH K	DEPTH L	
15	1020	950	2400	1700	3000	800	3700	5500	
20	1360	1300	2400	2200	3000	1200	4200	5500	
26	1768	1600	2400	2350	3000	1200	4350	5500	

SPEED (MPS)			PIT DEPTH			OVER HEAD		
UPTO-1.50			1600			4800		
OVER 1.50 UP TO 2.5			2600			5700		
OVER 2.5			2600			6700		

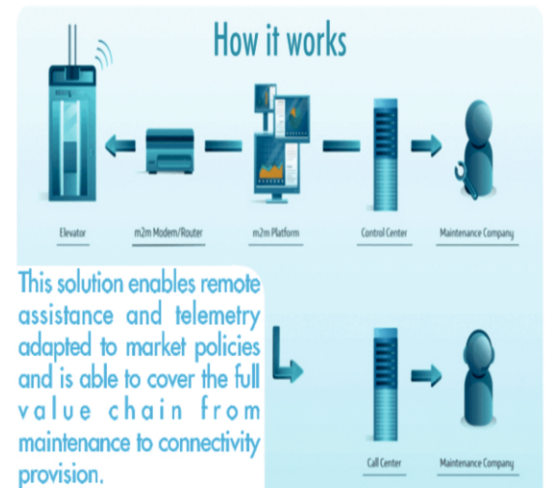
DUMB WAITERS									
LOAD	CAR SPEED	CAR INSIDE			ELEVATOR WELL		ENT	MACHINE ROOM	
KG	MPS	WIDTH A	DEPTH B	HIEGHT H	WIDTH C	DEPTH D	E	WIDTH K	DEPTH L
100	0.50	700	700	800	1200	1000	700	1400	1500
150	0.50	800	800	900	1300	1200	800	1500	1500
200	0.25	900	900	1000	1400	1200	900	1500	1800
250	0.70	1000	1000	1200	1500	1300	1000	1800	2000

FREIGHT ELEVATORS							
LOAD	CAR INSIDE		ELEVATOR WELL		ENTRANCE	MACHINE ROOM	
KG	WIDTH A	DEPTH B	WIDTH C	DEPTH D	E	WIDTH K	DEPTH L
500	1500	1500	2000	2000	900	2500	4500
1000	1400	1800	2300	2100	1400	2500	4600
1500	1700	2000	2600	2300	1700	2600	4800
2000	1700	2500	2600	2800	1700	2600	5300
3000	2000	3000	2900	3300	2000	2900	5800
4000	2500	3000	3400	3300	2500	3400	5800
5000	2500	3600	3400	3900	2500	3400	6400

Clear entrance width is based on vertical lifting car door and vertical bi-parting landing doors. For collapsible mid bar doors the clear entrance width will be reduced by 2000 mm (max. 1200 mm)

Newly Introducing IOT Technology


- Reduce** - Connectivity costs by moving from traditional fixed lines to IoT communications.
- Real-time** - Monitoring and assured connectivity availability.
- Improve** - Operating capabilities and efficiency to obtain real-time accurate information remotely, scheduling of maintenance operations (e.x. based on real working hours) and reduce costs, elevator monitoring, identifying problems and generating alarms pro actively.
- Change** - Business Model to provide a full maintenance service covered by supplier.
- Open** - Platform to create specific industry applications based on collected information.




CONTROL PANEL




The safe and More Energy-Saving Integrated control




MRL Integrated X-Drive Control Panel




Standard Control Panel



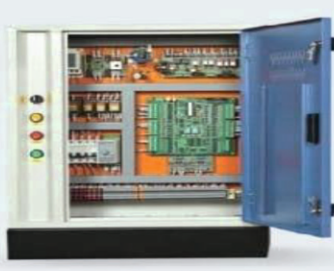
MRL Panel



Traction ARD
(Automatic Rescue Device)

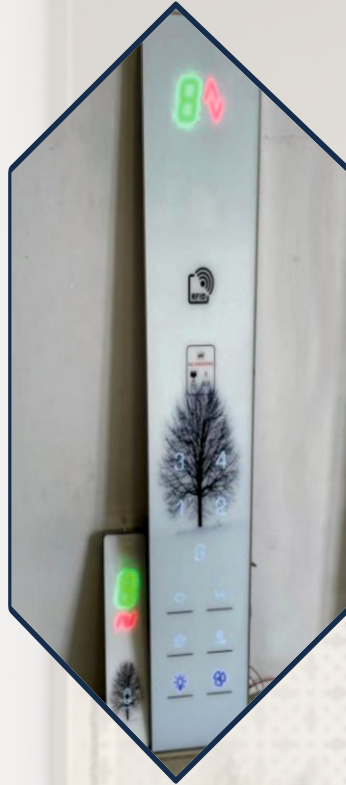


Integrated Panel

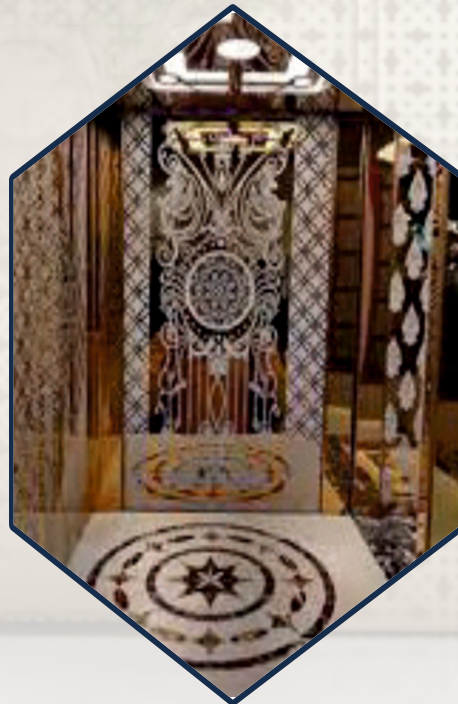


Hydraulic Panel

CONTROL PANEL



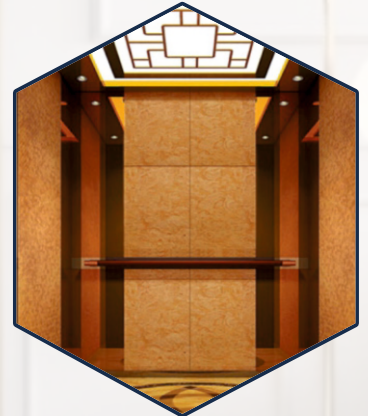
PREMIUM CABINS



ELEVATOR DOORS



ELEVATOR CABINS





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