

DUMBWAITER

Small Freights
Service Lifts



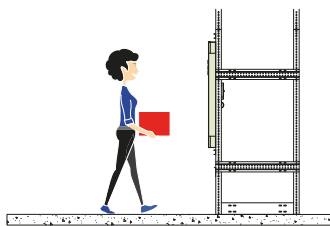
2022

EMAK

Dumbwaiter Types

TABLE TYPE

Guillotine Bi-Parting
Manual opening doors.



On Table Type doors are on serving level with a guillotine bi-parting manual door.

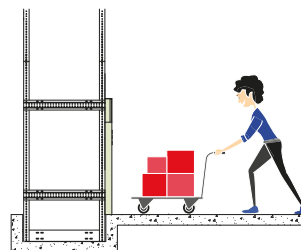
The Table Type model is provided with an opening at waist level, ensuring smooth operation.
This type is ideal for transporting small deliverables.

Dumbwaiter type : Table type

Serving height : 700 mm - 900 mm
Rated load : 50 Kg - 100 Kg - 200 Kg
Door type : Guillotine Bi-Parting
Door width : 600 - 1000 mm
Door height : 600 - 1000 mm
Shaft pit : 0 mm. Not required.
Headroom : 1300 mm + (DH x ½)

FLOOR TYPE

Hinged Swing
Manual opening doors.



On Floor Type doors are at FFL (Finishing Floor Level) with a manual hinged swing door.

The Floor Type model is capable of transporting handcarts and service tables.
Heavy deliverables can be loaded on handcarts into the car.

Dumbwaiter type : Floor type.

Serving height : Finishing floor level.
Rated load : 100 Kg - 200 Kg - 300 Kg
Door type : Hinged swing.
Door width : 700 - 900 mm
Door height : 700 - 1200 mm
Shaft pit : 300 mm required.
Headroom : 1600 mm required.



Hotels



Offices



Restaurants

The EMAK service lift is designed and manufactured in accordance to the international standards



Lift Controller ARL-100
Electromagnetic Compatibility.



Machine Directive
2006/42/EC/Annex VIII
standards TS EN 81-3



Certify that quality management system
TS EN ISO 9001:2015



Pharmacies



Hospitals

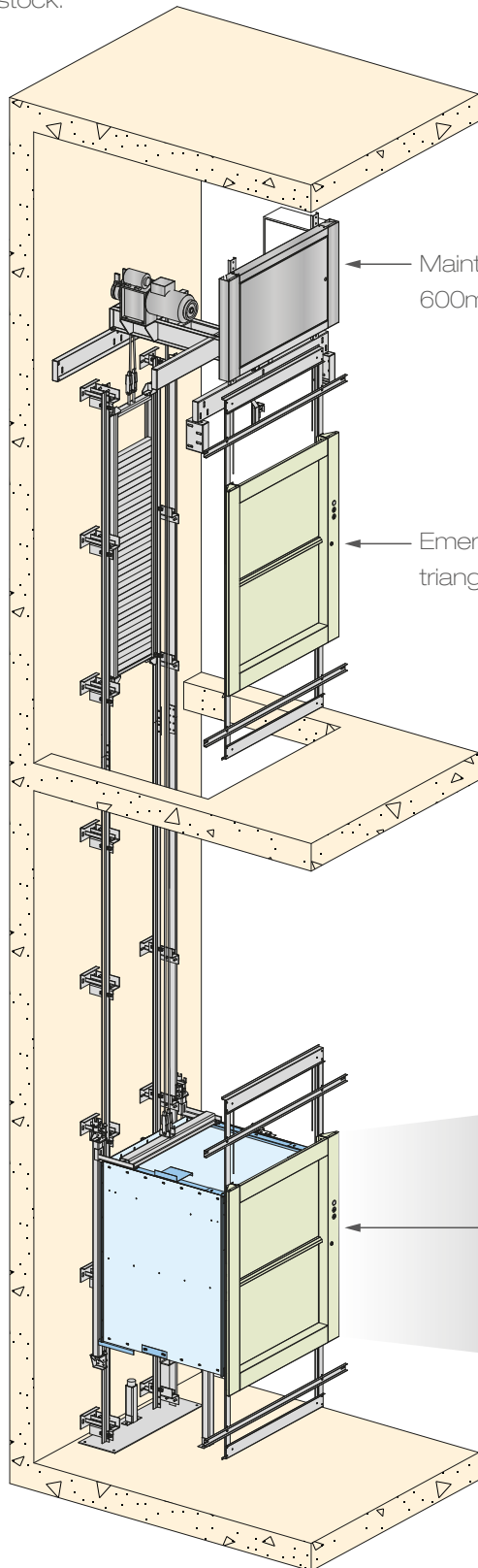


Coffee Shop

For Private, Industrial & Commercial Applications

Table Type Dumbwaiters

EMAK Dumbwaiter specifically designed for the vertical transport of foodstuffs, prepared dishes, bottles, glassware and other relatively small loads typical in restaurants, cafeterias, shops and businesses with a rapid turnaround of sales and stock.



Maintenance door
600mm x 600mm

The maintenance room doors basic equipment in stainless steel, double hinged with door lock, and including frame.
The traction drive unit & Control Cabinet are located within the uppermost part of the lift support structure.

Emergency unlocking
triangular key at all floors.



Table Type Door
Locking Device



Door Locking
Device Contact
Made in GERMANY.

Power / Capacity : 0.55 KW / 3,6 Amper / 50 Kg
 0.55 KW / 3,6 Amper / 100 Kg
 0.75 KW / 4,6 Amper / 150 Kg
 0.75 KW / 4,6 Amper / 200 Kg

Voltage : 230V (AC) / 50 Hz / Monophase.

Control system : Microprocessor Arkel ARL 100 board.

Traction system : Motor with compact worm gear. (Made in Germany.)
 Motor equipped with electromagnetic disk brake and reduction worm gear box. (Made in Germany.)

Rated speed : 0,30 m/s single speed.

Drive System : Suspension 1:1 roping with counterweight balancing.
 Drum type counterweightless.

Service stops : 15 meter travel height.

Safety equipments : Landing door locking device contacts. (Made in Germany)
 Maintenance door switch.
 Shaft Pit Emergency stop button.
 Motor Emergency stop button.
 Roller limit switches.

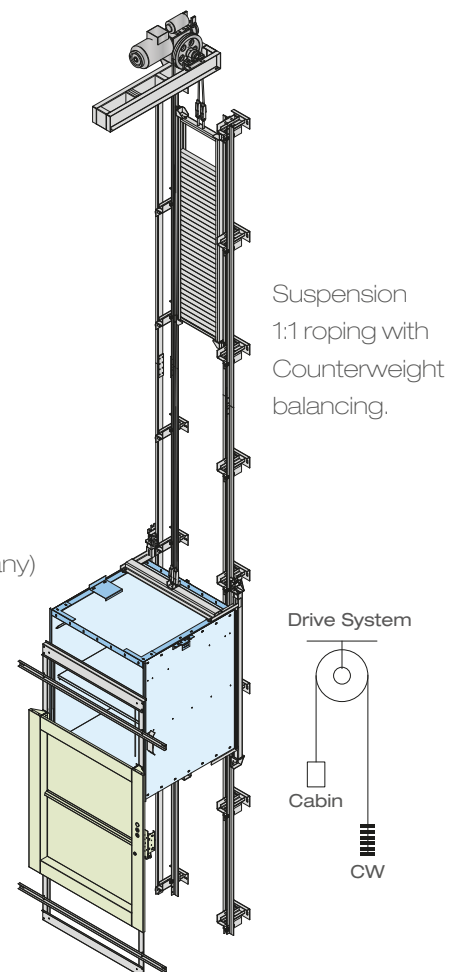
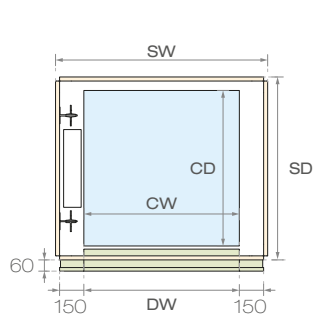


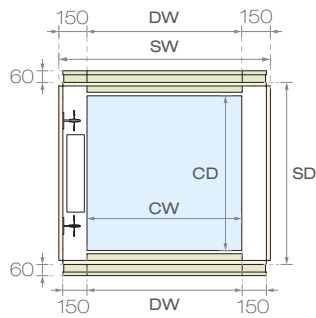
Table Type Overall Dimensions (Geared Motor)

MODEL		CABIN INTERNAL			DOOR		REQUIRED SHAFT DIMENSIONS				DRIVE SYSTEM
		Width (CW)	Depth (CD)	Height (CH)	Width (DW)	Height (DH)	Width (SW)	Depth (SD)	Headroom (HR)	Service H. (SH)	CW
TT 1E45-G50 Single Entrance Front	50 Kg	450	550	550	450	550	750	700	2100 + SH	600	 ROPING 1:1 Sheave D:280mm
TT 1E50-G50 Single Entrance Front		500	550	550	500	550	800	750	2100 + SH	600	
TT 1E60-G100 Single Entrance Front		600	600	800	600	800	900	750	2500 + SH	700	
TT 1E70-G100 Single Entrance Front	100 Kg	700	700	800	700	800	1000	850	2500 + SH	700	
TT 1E80-G100 Single Entrance Front		800	800	800	800	800	1100	950	2500 + SH	700	
TT 1E80-G150 Single Entrance Front		800	800	1000	800	1000	1100	950	2800 + SH	800	
TT 1E90-G150 Single Entrance Front	150 Kg	900	900	1000	900	1000	1200	1050	2800 + SH	800	
TT 1E100-G200 Single Entrance Front	200 Kg	1000	1000	1200	1000	1200	1300	1150	3100 + SH	800	
TT 2EX60-G50 Through Opening	50 Kg	600	600	800	600	800	900	750	2500 + SH	700	 ROPING 1:1 Sheave D:280mm
TT 2EX60-G100 Through Opening		600	600	800	600	800	900	750	2500 + SH	700	
TT 2EX70-G100 Through Opening		700	700	800	700	800	1000	850	2500 + SH	700	
TT 2EX80-G100 Through Opening	100 Kg	800	800	800	800	800	1100	950	2500 + SH	700	
TT 2EX80-G150 Through Opening		800	800	1000	800	1000	1100	950	2800 + SH	800	
TT 2EX90-G150 Through Opening		900	900	1000	900	1000	1200	1050	2800 + SH	800	
TT 2EX100-G200 Through Opening	150 Kg	1000	1000	1200	1000	1200	1300	1150	3100 + SH	800	
TT 2EL60-G50 Adjacent Opening Left	50 Kg	600	600	800	600	800	900	900	2500 + SH	700	 ROPING 1:1 Sheave D:280mm
TT 2EL60-G100 Adjacent Opening Left		600	600	800	600	800	900	900	2500 + SH	700	
TT 2EL70-G100 Adjacent Opening Left		700	700	800	700	800	1000	1000	2500 + SH	700	
TT 2EL80-G100 Adjacent Opening Left	100 Kg	800	800	800	800	800	1100	1100	2500 + SH	700	
TT 2EL80-G150 Adjacent Opening Left		800	800	1000	800	1000	1100	1100	2800 + SH	800	
TT 2EL90-G150 Adjacent Opening Left		900	900	1000	900	1000	1200	1200	2800 + SH	800	
TT 2EL100-G200 Adjacent Opening Left	150 Kg	1000	1000	1200	1000	1200	1300	1300	3100 + SH	800	
TT 2ER60-G50 Adjacent Opening Right	50 Kg	600	600	800	600	800	900	900	2500 + SH	700	
TT 2ER60-G100 Adjacent Opening Right		600	600	800	600	800	900	900	2500 + SH	700	
TT 2ER70-G100 Adjacent Opening Right		700	700	800	700	800	1000	1000	2500 + SH	700	
TT 2ER80-G100 Adjacent Opening Right	100 Kg	800	800	800	800	800	1100	1100	2500 + SH	700	
TT 2ER80-G150 Adjacent Opening Right		800	800	1000	800	1000	1100	1100	2800 + SH	800	
TT 2ER90-G150 Adjacent Opening Right		900	900	1000	900	1000	1200	1200	2800 + SH	800	
TT 2ER100-G200 Adjacent Opening Right	150 Kg	1000	1000	1200	1000	1200	1300	1300	3100 + SH	800	
TT 2ER100-G200 Adjacent Opening Right	200 Kg	1000	1000	1200	1000	1200	1300	1300	3100 + SH	800	

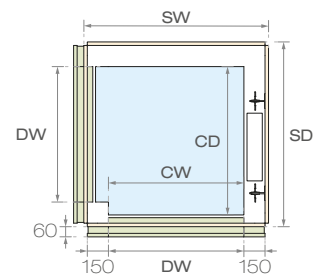
- All Dimensions in mm.
- Any additional information or other dimensions please contact sales@emakglobal.com with technical department.



Single Entrance
Front



Through Opening
Front and Rear - 180°



Adjacent Opening
Front and Left / Right - 90°

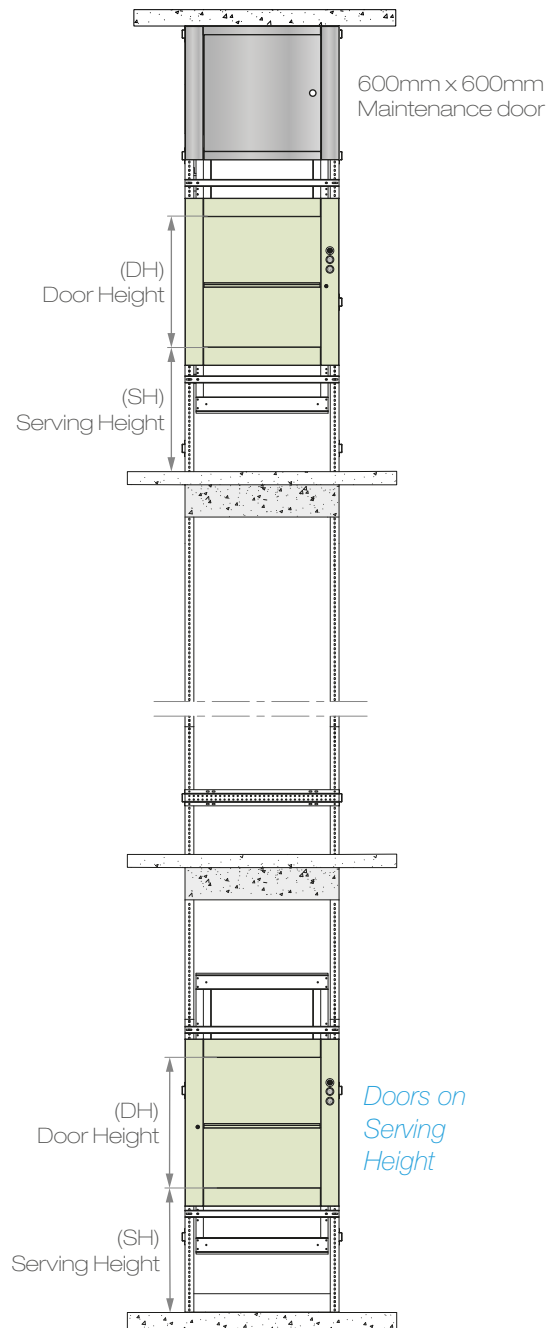
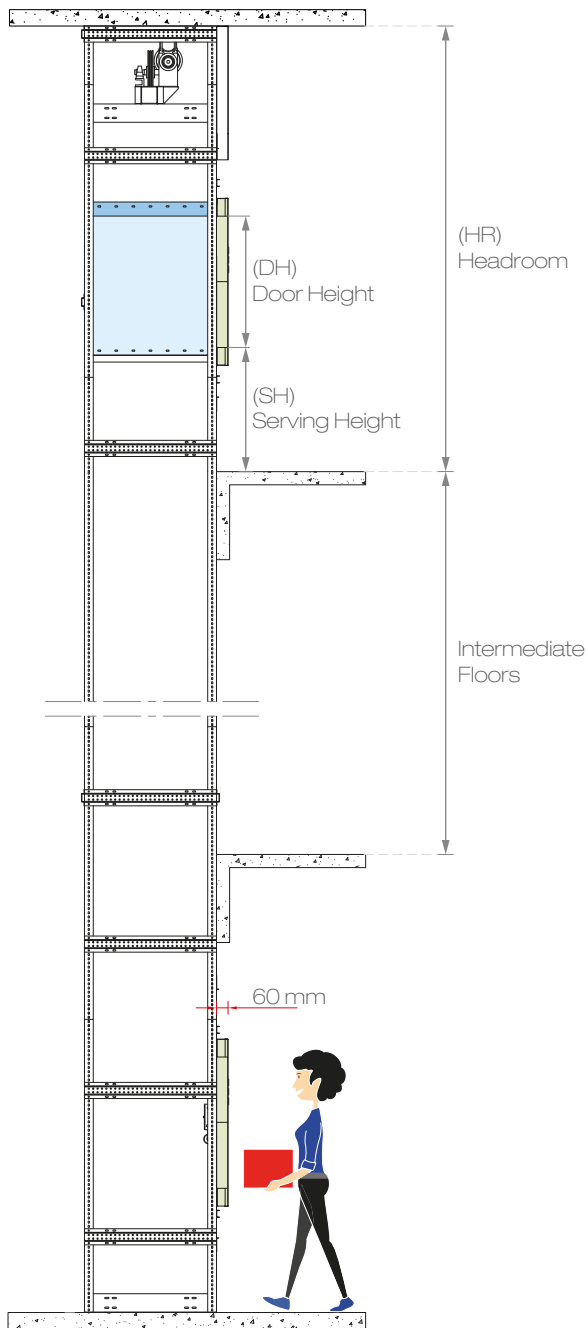
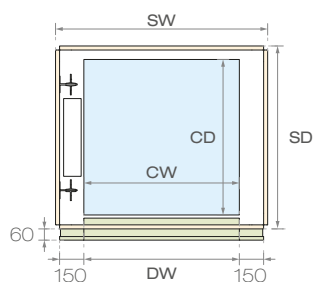


Table Type Overall Dimensions (Drum Motor)

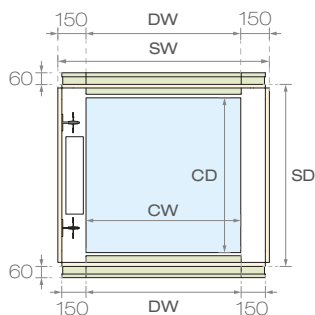
MODEL		CABIN INTERNAL			DOOR		REQUIRED SHAFT DIMENSIONS				DRIVE SYSTEM
		Width (CW)	Depth (CD)	Height (CH)	Width (DW)	Height (DH)	Width (SW)	Depth (SD)	Headroom (HR)	Service H (SH)	Drum
TT 1E45-D50 Single Entrance Front	50 Kg	450	450	550	450	550	750	600	2100 + SH	600	 ROPING Drum D:300mm
TT 1E50-D50 Single Entrance Front		500	500	550	500	550	800	650	2100 + SH	600	
TT 1E55-D50 Single Entrance Front		550	550	550	550	550	850	700	2100 + SH	600	
TT 2EX60-D50 Through Opening	50 Kg	600	600	800	600	800	900	750	2500 + SH	700	
TT 2EL60-D50 Adjacent Opening Left	50 Kg	600	600	800	600	800	900	900	2500 + SH	700	
TT 2ER60-D50 Adjacent Opening Right	50 Kg	600	600	800	600	800	900	900	2500 + SH	700	

Drum type counterweightless. Motor with drum gear. Max. travel height 6 meters.

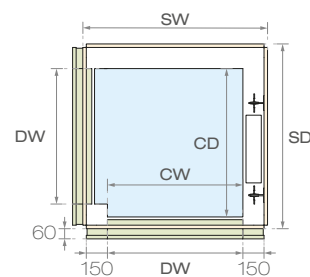
- Quick and easy installation.
- Modular-assembly support structure.
- Energy-efficient and environmentally-friendly.
- Perfect levelling at every stop guarantees trouble-free loading and unloading.
- Optional vvvf Drive, which reduces energy consumption and maximises stopping accuracy.
- Custom - made solutions, Ask for Non-Standard Capacities and Speeds or travel heights.
- *All Dimensions in mm.*



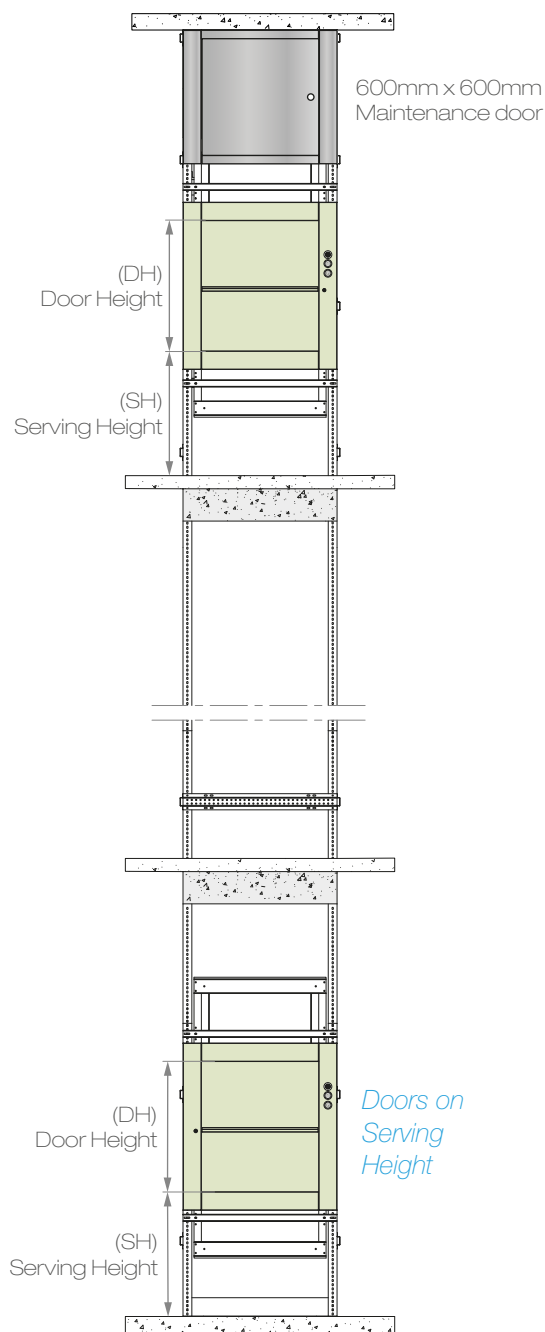
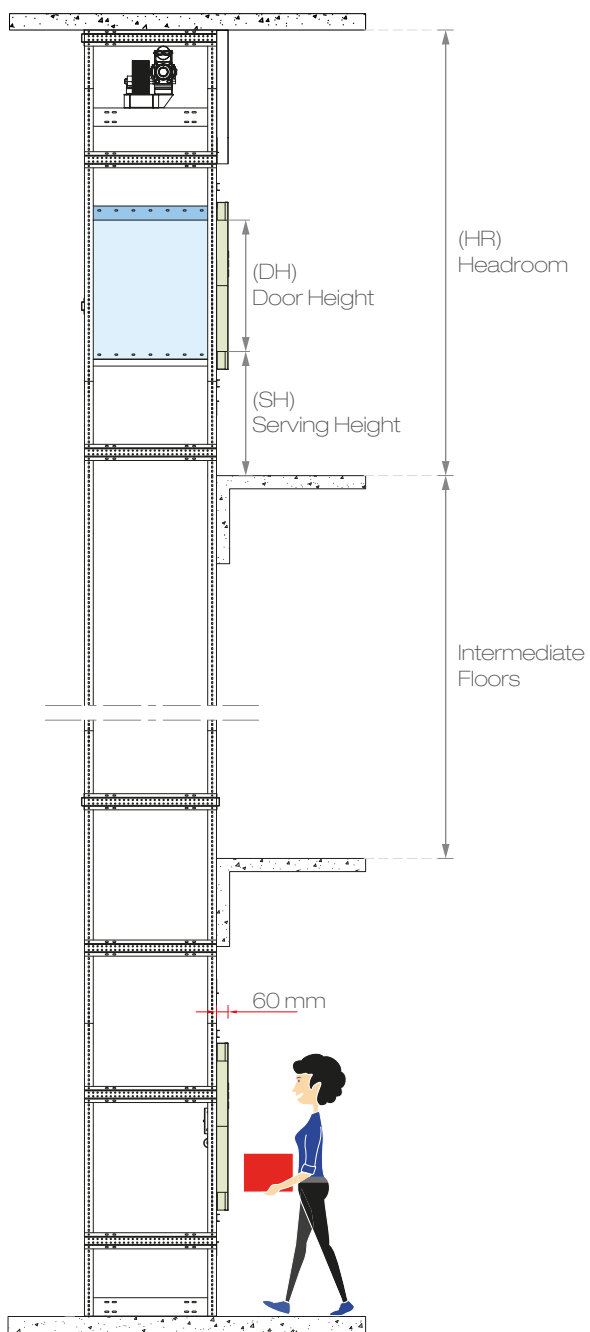
Single Entrance
Front



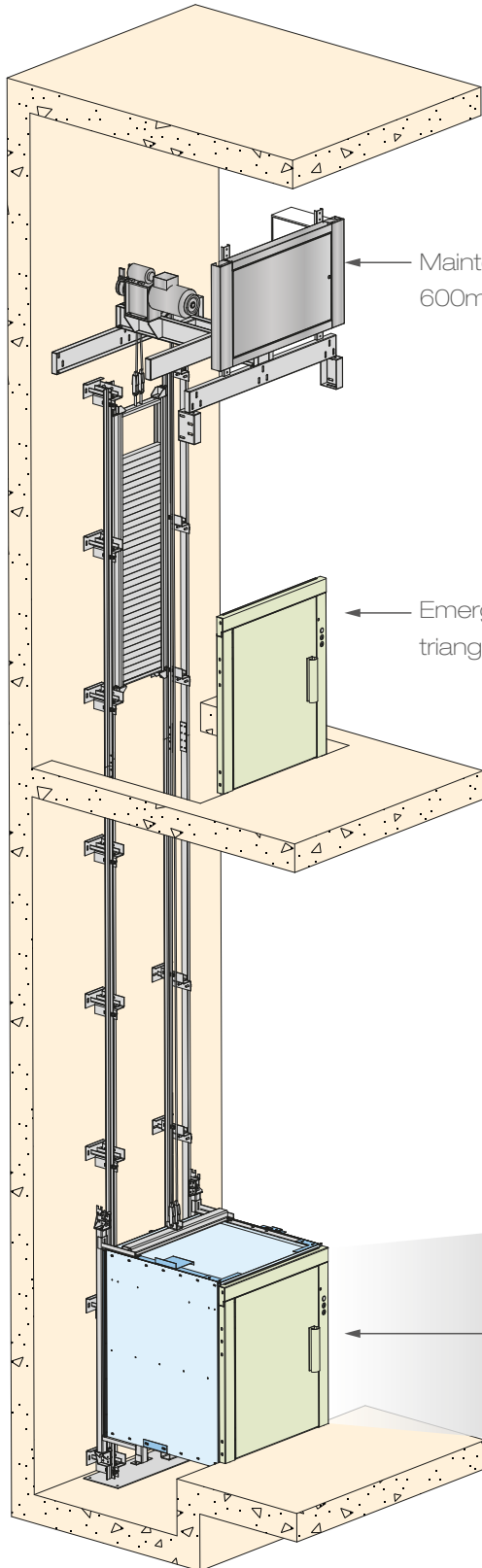
Through Opening
Front and Rear - 180°



Adjacent Opening
Front and Left / Right - 90°



Floor Type Dumbwaiters



Maintenance door
600mm x 600mm

The maintenance room doors basic equipment in stainless steel, double hinged with door lock, and including frame. The traction drive unit & Control Cabinet are located within the uppermost part of the lift support structure.

Emergency unlocking
triangular key at all floors.

Floor Type Door Locking Device



Door Locking
Device Contact
Made in TURKEY.

Required shaft pit 300 mm

Power / Capacity : 0.55 KW / 3,6 Amper / 100 Kg
 0.75 KW / 4,6 Amper / 200 Kg
 1.50 KW / 9,2 Amper / 300 Kg

Voltage : 230V (AC) / 50 Hz / Monophase.

Control system : Microprocessor Arkel ARL 100 board.

Traction system : Motor with compact worm gear. (Made in Germany)
 Motor equipped with electromagnetic disk brake and reduction worm gear box. (Made in Germany)

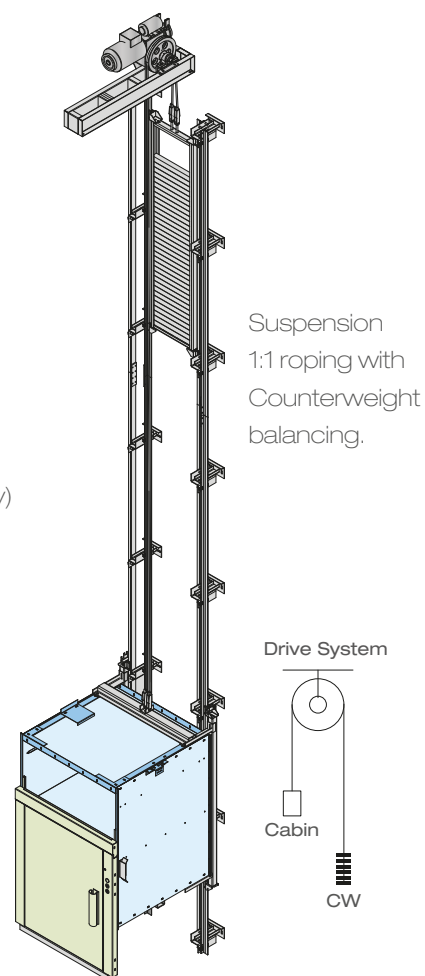
Rated speed : 0,30 m/s single speed

Drive System : Suspension 1:1 roping with counterweight balancing.

Service stops : 15 meter travel height.

Safety equipments : Landing door locking device contacts. (Made in Germany)

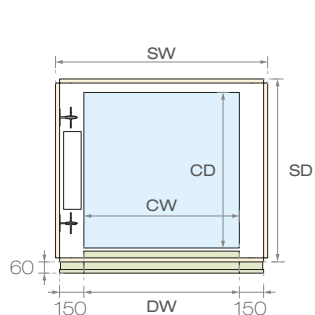
Maintenance door switch.
 Shaft Pit Emergency stop button.
 Motor Emergency stop button.
 Roller limit switches.



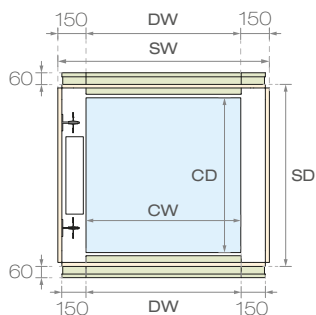
Floor Type Overall Dimensions (Geared Motor)

MODEL		CABIN INTERNAL			DOOR		REQUIRED SHAFT DIMENSIONS				DRIVE SYSTEM
		Width (CW)	Depth (CD)	Height (CH)	Width (DW)	Height (DH)	Width (SW)	Depth (SD)	Headroom (HR)	Service H. (SH)	
FT 1E80-G100 Single Entrance Front	100 Kg	800	800	1000	800	1000	1150	950	2500	300	 ROPING 1:1 Sheave D:280mm
FT 1E80-G100.1 Single Entrance Front		800	800	1200	800	1200	1150	950	2700	300	
FT 1E100-G200 Single Entrance Front	200 Kg	1000	1000	1000	1000	1000	1350	1150	2500	300	
FT 1E100-G200.1 Single Entrance Front		1000	1000	1200	1000	1200	1350	1150	2700	300	
FT 1E100-G300 Single Entrance Front	300 Kg	1000	1000	1200	1000	1200	1350	1150	2700	300	
FT 2EX80-G100 Through Opening	100 Kg	800	800	1000	800	1000	1150	950	2500	300	 ROPING 1:1 Sheave D:280mm
FT 2EX80-G100.1 Through Opening		800	800	1200	800	1200	1150	950	2700	300	
FT 2EX100-G200 Through Opening	200 Kg	1000	1000	1000	1000	1000	1350	1150	2500	300	
FT 2EX100-G200.1 Through Opening		1000	1000	1200	1000	1200	1350	1150	2700	300	
FT 2EX100-G300 Through Opening	300 Kg	1000	1000	1200	1000	1200	1350	1150	2700	300	
FT 2EL80-G100 Adjacent Opening Left	100 Kg	800	800	1000	800	1000	1150	1150	2500	300	 ROPING 1:1 Sheave D:280mm
FT 2EL80-G100.1 Adjacent Opening Left		800	800	1200	800	1200	1150	1150	2700	300	
FT 2EL100-G200 Adjacent Opening Left	200 Kg	1000	1000	1000	1000	1000	1350	1350	2500	300	
FT 2EL100-G200.1 Adjacent Opening Left		1000	1000	1200	1000	1200	1350	1350	2700	300	
FT 2EL100-G300 Adjacent Opening Left	300 Kg	1000	1000	1200	1000	1200	1350	1350	2700	300	
FT 2ER80-G100 Adjacent Opening Right	100 Kg	800	800	1000	800	1000	1150	1150	2500	300	
FT 2ER80-G100.1 Adjacent Opening Right		800	800	1200	800	1200	1150	1150	2700	300	
FT 2ER100-G200 Adjacent Opening Right	200 Kg	1000	1000	1000	1000	1000	1350	1350	2500	300	
FT 2ER100-G200.1 Adjacent Opening Right		1000	1000	1200	1000	1200	1350	1350	2700	300	
FT 2ER100-G300 Adjacent Opening Right	300 Kg	1000	1000	1200	1000	1200	1350	1350	2700	300	

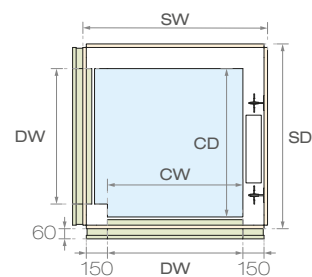
Drum type counterweightless. Motor with drum gear. Max. travel height 6 meters.



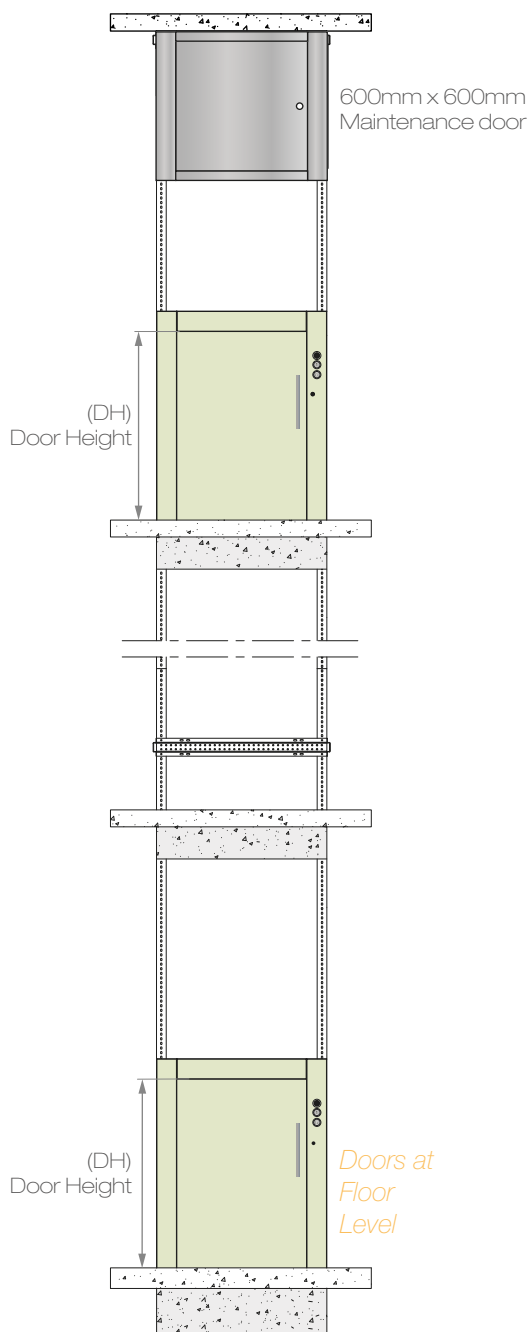
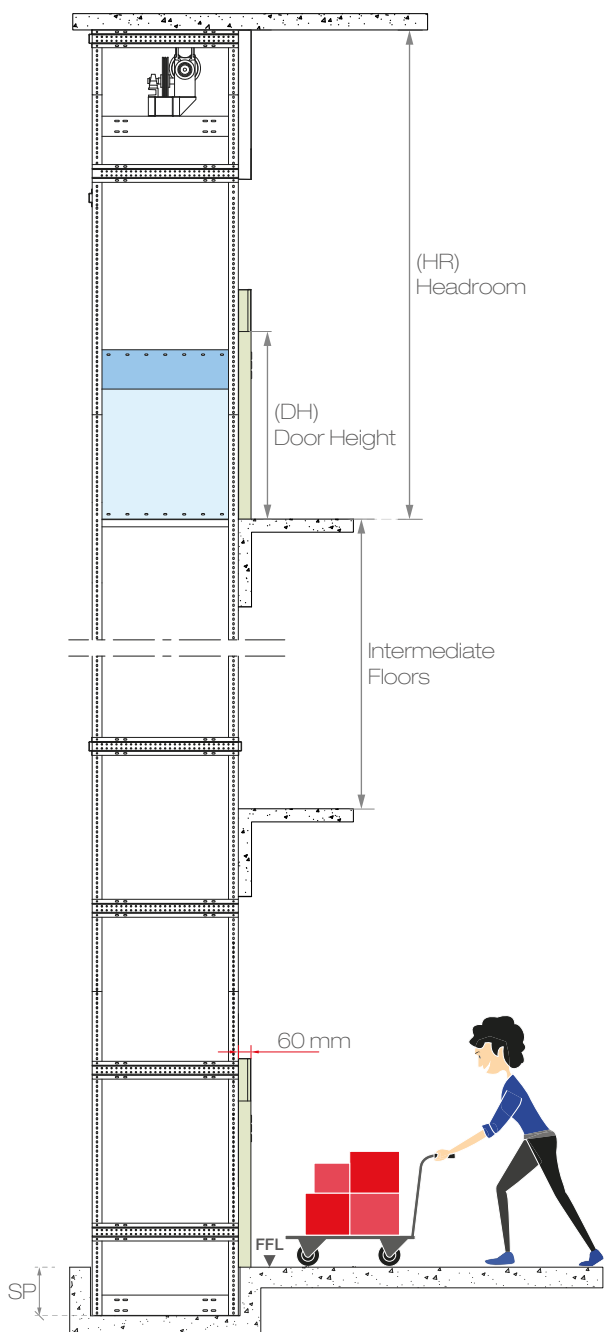
Single Entrance
Front



Through Opening
Front and Rear - 180°



Adjacent Opening
Front and Left / Right - 90°



LOP Buttons Features

Landing Operation at Door Frame



- Busy
- Floor Selection
- Braille Push Buttons (Red LED)

Optional Landing Fixtures & Accessories



- 33 mm 7 Segment Display Indicator
- Direction Arrows, Position Display
- Out of Service

- Floor Selection
- Braille Push Buttons
- Buzzer

Model: SGT-302
Surface Mounted
95x300 mm (W x H)



- Direction Arrows, Position Display
- 33 mm 7 Segment Display Indicator
- Out of Service Overload

- Floor Selection
- Braille Push Buttons
- Buzzer

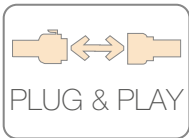
Model: PSXT-252
Surface Mounted
85x250 mm (W x H)



Vatman Key
on door frame



Landing
Emergency Stop



Quick and Easy

Quick and easy installation by pre-assembled components. Plug-and-play microprocessor controls, completely pre-wired.

EMAK Dumbwaiter is supplied with its electrical system already fully wired up and tested, ruling out error and making installation faster and easier.

	EMAK DUMBWAITER PACKAGE CONTENTS & PRODUCT INFORMATIONS	
	1 Control Panel Quantity: 1 Unit. Explanation: ARL100	2 Inspection Box & Cables Quantity: 1 Complete set. Prewired cables left side maintenance box.
	3 Bi Stable & Cable Quantity: 3 Units. Explanation: 817-818-M1	4 Magnets Quantity: * Round Type: 7 pc. Installation: On cabin Guide Rail See details on manuals.
	5 Limit Switch Roller Contact With Cable Quantity: 1 Unit. Explanation: This package contains 1 limit switch and it's prewired. Limit switch placed Cabin roof.	6 Sliding Door Contact Quantity: According to floor number. 1 pc each door.
	7 Motor Energy Cable Quantity: 1 Set / 4x1,5 NYM Prewired cables on motor.	8 Motor Brake Cable Quantity: 1 Unit / 2x0,75 TTR Explanation: Motor Brake Cable.
	9 Flexible Cable Quantity: 1 pc / 24x0,75 Installation: From manual brake contact to maintenance box.	10 Flexible Cable Holder Quantity: 2 Units. Explanation: Flexible cable fixing material. Installation: 1 pc for cabin wall fixing. 1 pc for shaft wall fixing.
	11 Emergency Stop Button & Cable Quantity: 1 Set. Explanation: It used for MR emergency stop button. Installation: Control panel emergency stop will be in shaft pit.	12 Grounding Cable Quantity: 1 Unit / 1x1,5 NYA Explanation: From control panel to building any grounding.
	13 LOP Button at Door Frame Quantity: According to floor number.	14 Fixing and Insulation Materials Quantity: 1 Set. Explanation: For cable duct and other lift material fixing insulation tape.

Finishings

Hairline Stainless Steel

Rust-resistant stainless steel is used at decorative surfaces.
This also contributes to a sanitary environment which is ideal for restaurant kitchens, etc.



RAL Colors Painted (Electrostatic Powder Painted)



RAL 7032



RAL 5010



RAL 5018



RAL 1007

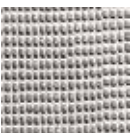


RAL 6019



RAL ...

Optional Stainless Steel Finishings



Linen



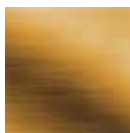
Cross Square



Super Mirror



Golden Mirror

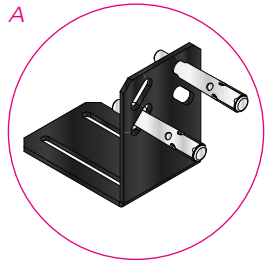


Copper

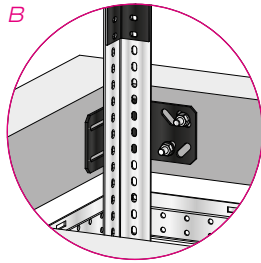
Galvanized Steel Structure

If there is no available shaft on your site no worries!

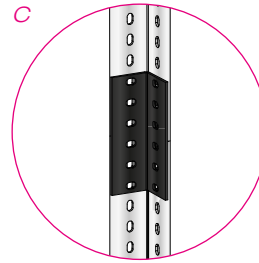
As option EMAK Dumbwaiter comes with its own modular support structure that can be installed in any suitable internal space which allows the lift to serve different floors in the building as required.



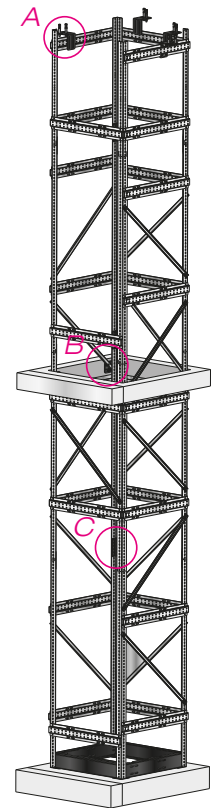
Structure to roof supporting.



Galvanized 3 mm steel structure.



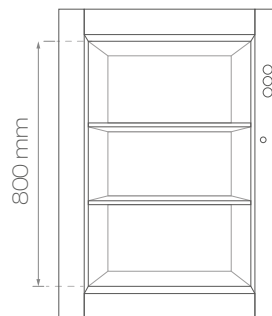
Easy installation by modular joints.



Cabin Heating System
With Thermostat



Cabin Lighting



Additional Shelves
For The Cabin.

Two
shelves -
Three
loading
spaces



Cabin Door

- vvvf Drive.
- Cabin door.
- Cabin lighting.
- Shaft Pit lighting.
- Shaft Pit power socket.
- Machine Room lighting power.
- Machine Room power socket.
- Two shelves - Three loading spaces

- Arrival gong.
- Vatman key.
- Safety gear.
- Landing Buttons SGT-302 & PSXT-252
- Intercom. (Between Floors)
- Cabin shelf heater via thermostat.
- Emergency stop on landing.
- Emergency buton in machine room.

Company Profile



Since 1971



• Corporation Data

Land area 20.000 m²,
Manufacturing area 10.000 m²
The factory utilised the latest
manufacturing techniques, fully fitted
with the CNC Robotic Machinery.

• Products & Service

Our staff have many years of experience and are
responsible for the design of our products so in turn will
always provide a quick answer for any technical questions.

• Marketing

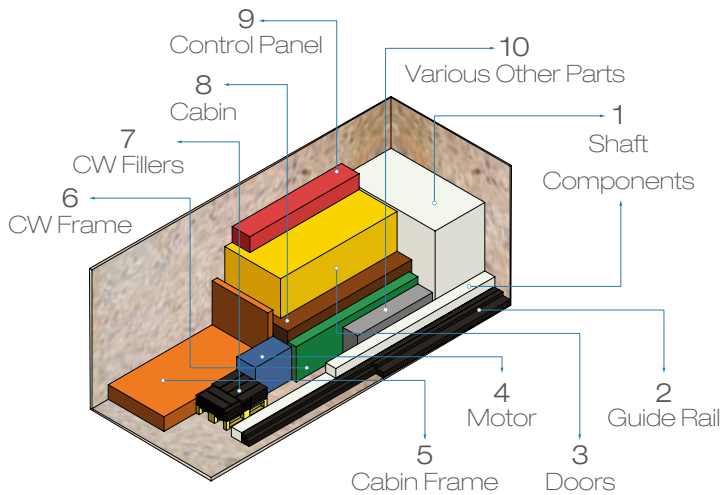
Products sold over 25 countries
around the world. Such as Middle
East, Russia, Asia, Europe, Africa.

• Reliable Company

Ilgenler Ltd. was formed in 1971. Today Ilgenler is Designing,
Producing and Marketing complete elevator systems to the
world wide under the trade mark of EMAK.

Example of container loading suggested schema provided by EMAK.

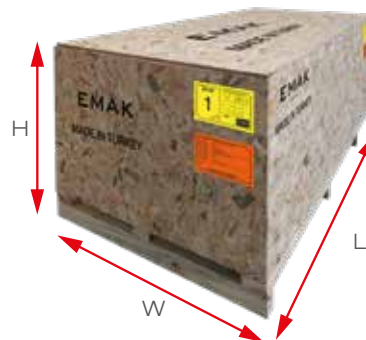
You will find appropriate solution for every delivery a product categories have been given a special designation.



Model : TT / 1E60 (Two Stops)
 Pallet Quantity : 1
 Pallet Dimension : 210 x 100 x 130 L x W x H (cm)
 Gross Weight (Kg) : 850
 Description of Box : Shop Drawings & Project

Steel Structure
 Fixing Bracket
 Guide Rail
 Doors
 Motor
 Motor Base
 Cabin
 Cabin Frame
 Counterweight
 Counterweight Frame
 Guide Rail Shoe
 Guide Rail Lubricator
 Rope
 Rope Attachment
 Landing Buttons
 Landing Buttons Cable
 Control Panel
 Bistable & Magnets
 Limit Switch & Cables
 Flexible Cable
 Flexible Cable Attachment
 Buffer
 Emergency Stop & Cables
 Maintenance Door

- 1. Shaft Components
- 2. Guide Rail
- 3. Doors
- 4. Motor
- 5. Cabin Frame
- 6. CW Frame
- 7. Counter Weight Fillers
- 8. Cabin
- 9. Control Panel
- 10. Various Other Parts



Save Space - Save Cost
 and avoid hassle
 on your containers.



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