

Screw Nut
Home type elevator systems...
IT MAKES YOUR LIFE EASIER



VK 1100

TOWER DIMENSIONS

1100 x 1100 MM

PLATFORM SIZE

600 x 900 MM

DOOR OPENING (Automatic/Manuel Swing Door)

400 - 600 x 2000 MM

PIT HEIGHT

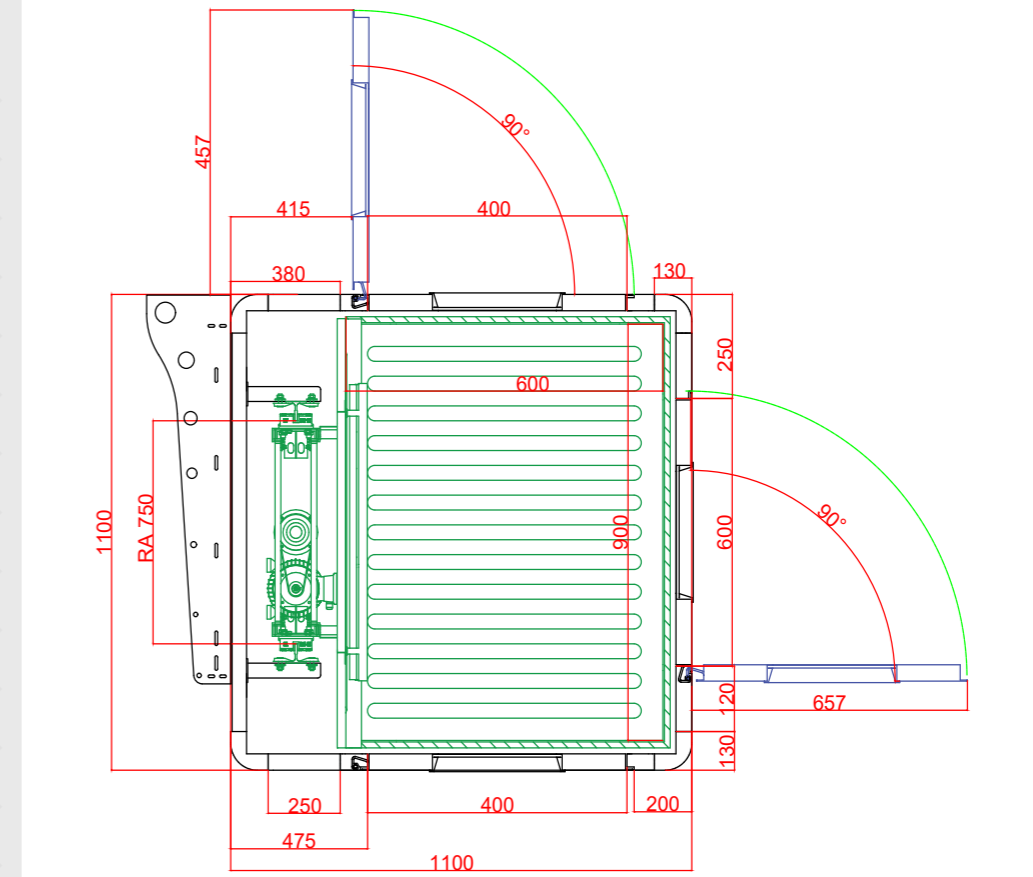
120 MM

HEADROOM

2.340 MM (In Door) / 2.590 MM (Out Door)

It is produced with a multi-channel pulley made of aluminum, an improved drive sleeve system, 16 tin bronze nuts, a double mouth screw shaft, a 12-channel PJ belt with a fabric layer that does not create creep and noise, and special equipment that can rotate at high speeds in very small diameters.

SINGLE ENTRY	VK1100
Structural Opening	1150x1150 MM
Tower Dimensions	1100x1100 MM
Platform Size	600x900 MM
Door Opening (WxH)	400-600x2000 MM
OPPOSING ENTRY	
Structural Opening	1150x1150 MM
Tower Dimensions	1100x1100 MM
Platform Size	600x900 MM
Door Opening (WxH)	400-600x2000 MM
DIAGONAL ENTRY	
Structural Opening	1150x1150 MM
Tower Dimensions	1100x1100 MM
Platform Size	600x900 MM
Door Opening (WxH)	400-600x2000 MM
GENERAL DIMENSION	1 Person
Load Capacity Max	400 KG
Headroom	2340 MM
Pit Height	120 MM

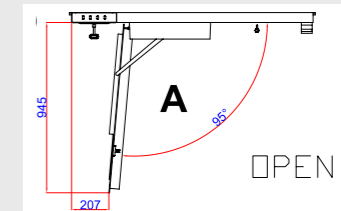
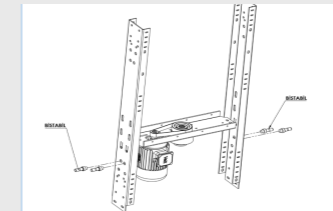
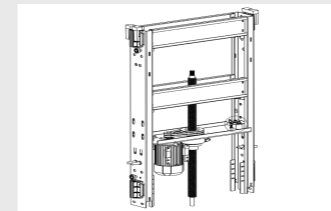
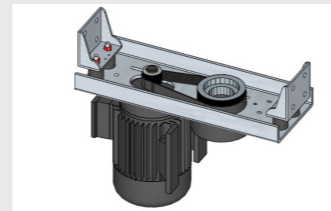


1
Person
Capacity

400
KG
Max

110^{X110}
cm
Tower
Dimensiion

60^{X90}
cm
Platform Size



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VK 1200

TOWER DIMENSIONS

1200 x 1200 MM

PLATFORM SIZE

700 x 1000 MM

DOOR OPENING (Automatic/Manuel Swing Door)

500 - 700 x 2000 MM

PIT HEIGHT

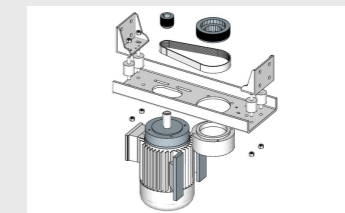
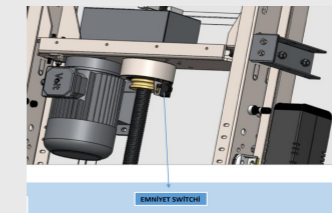
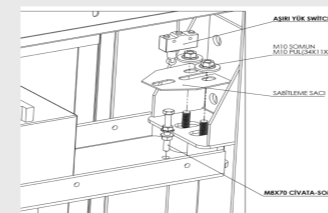
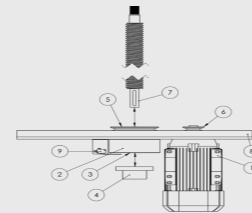
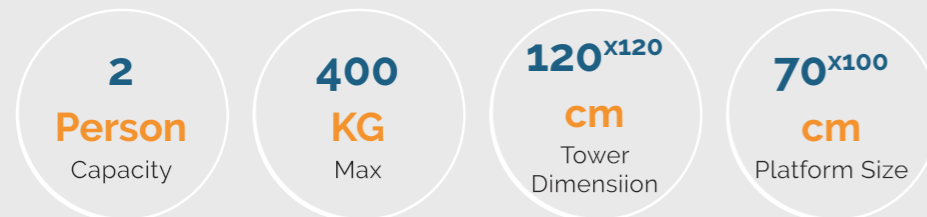
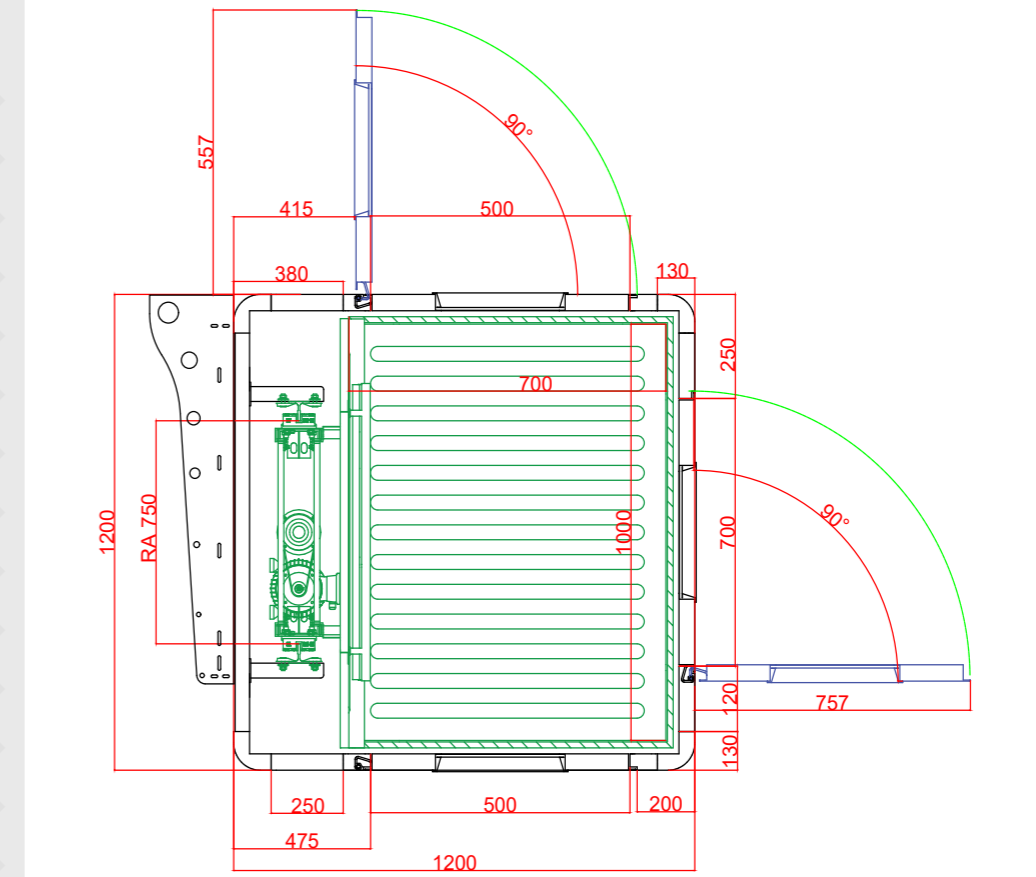
120 MM

HEADROOM

2.340 MM (In Door) / 2.590 MM (Out Door)

Equipped with an IP67 lock system in exterior elevator class, it is resistant to -40 and +65 °C temperature tolerance. With its electronic control structure, coil failures do not occur even if it is constantly energized. With the encrypted manual door opening key, intervention by thieves and unauthorized persons is out of the question.

SINGLE ENTRY	VK1200
Structural Opening	1250x1250 MM
Tower Dimensions	1200x1200 MM
Platform Size	700x1000 MM
Door Opening (WxH)	500-700x2000 MM
OPPOSING ENTRY	
Structural Opening	1250x1250 MM
Tower Dimensions	1200x1200 MM
Platform Size	700x1000 MM
Door Opening (WxH)	500-700x2000 MM
DIAGONAL ENTRY	
Structural Opening	1250x1250 MM
Tower Dimensions	1200x1200 MM
Platform Size	700x1000 MM
Door Opening (WxH)	500-700x2000 MM
GENERAL DIMENSION	2 Person
Load Capacity Max	400 KG
Headroom	2340 MM
Pit Height	120 MM



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VK 1300

TOWER DIMENSIONS

1300 x 1300 MM

PLATFORM SIZE

800 x 1100 MM

DOOR OPENING (Automatic/Manuel Swing Door)

600 - 800 x 2000 MM

PIT HEIGHT

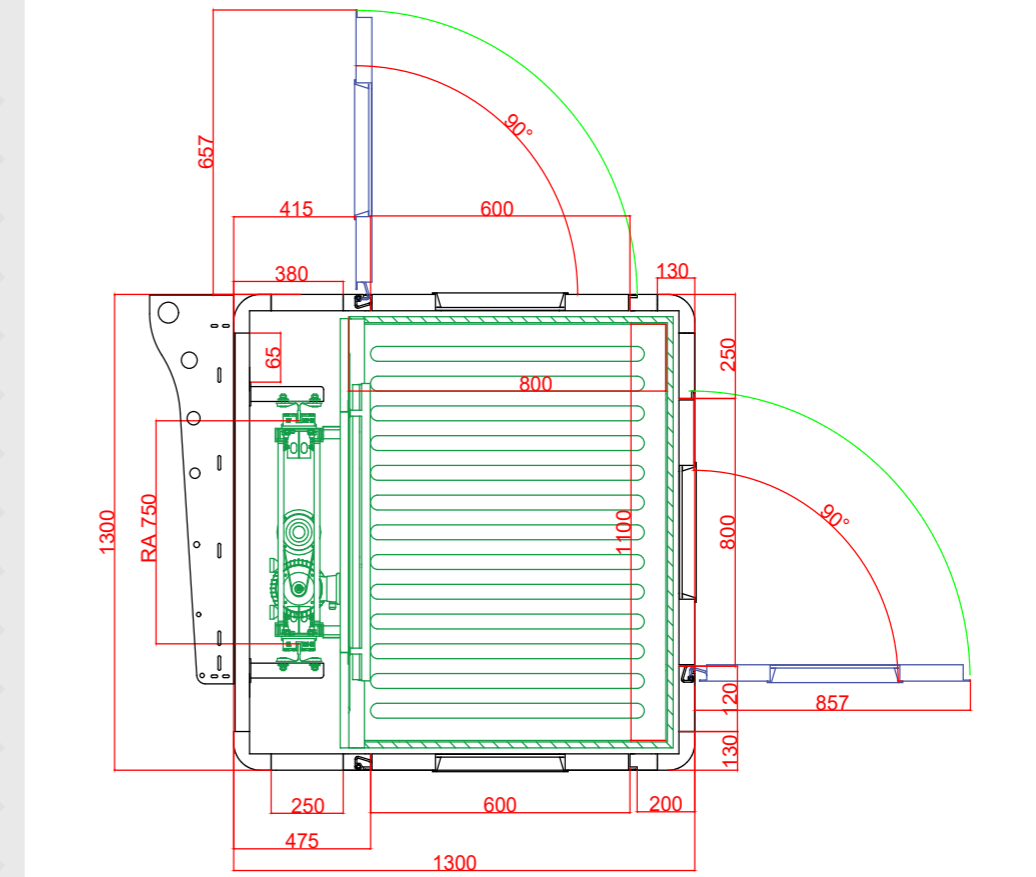
120 MM

HEADROOM

2.340 MM (In Door) / 2.590 MM (Out Door)

Worm screw disabled platform systems, powered by single-phase household electricity, consume as much energy as any household appliance. Fuji reduces your domestic energy consumption and carbon footprint with its inverter driving system.

SINGLE ENTRY	VK1300
Structural Opening	1350x1350 MM
Tower Dimensions	1300x1300 MM
Platform Size	800x1100 MM
Door Opening (WxH)	600-800x2000 MM
OPPOSING ENTRY	
Structural Opening	1350x1350 MM
Tower Dimensions	1300x1300 MM
Platform Size	800x1100 MM
Door Opening (WxH)	600-800x2000 MM
DIAGONAL ENTRY	
Structural Opening	1350x1350 MM
Tower Dimensions	1300x1300 MM
Platform Size	800x1100 MM
Door Opening (WxH)	600-800x2000 MM
GENERAL DIMENSION	3 Person
Load Capacity Max	400 KG
Headroom	2340 MM
Pit Height	120 MM

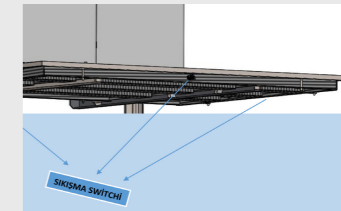
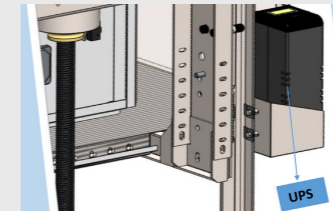
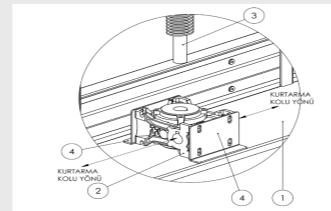


3
Person
Capacity

400
KG
Max

130^{x130}
cm
Tower
Dimensiion

80^{x110}
cm
Platform Size



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VK 1400

TOWER DIMENSIONS

1400 x 1400 MM

PLATFORM SIZE

900 x 1200 MM

DOOR OPENING (Automatic/Manuel Swing Door)

700 - 900 x 2000 MM

PIT HEIGHT

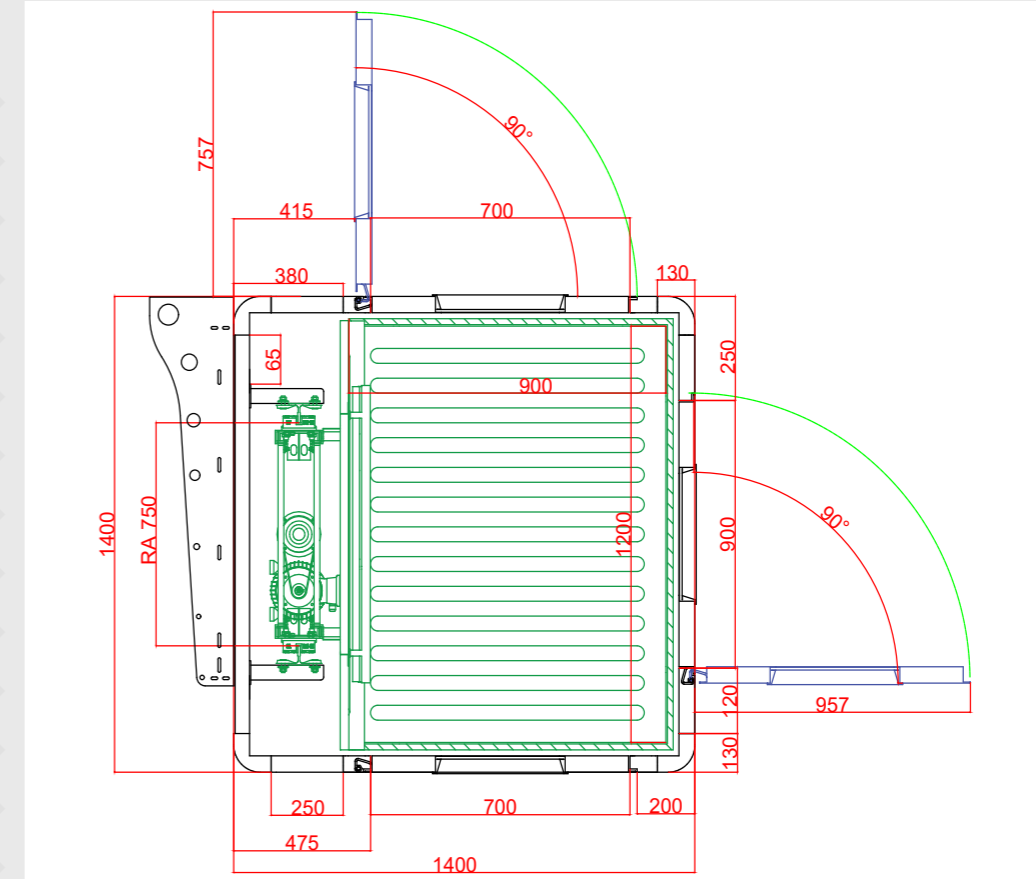
120 MM

HEADROOM

2.340 MM (In Door) / 2.590 MM (Out Door)

Do you spend your days running up and down stairs with your hands full of kids and shopping bags? HYD-VK is just for you with its 425 kg capacity and a 125 cm wide and spacious platform space that you can ride with your family!

SINGLE ENTRY	VK1400
Structural Opening	1450x1450 MM
Tower Dimensions	1400x1400 MM
Platform Size	900x1200 MM
Door Opening (WxH)	700-900x2000 MM
OPPOSING ENTRY	
Structural Opening	1450x1450 MM
Tower Dimensions	1400x1400 MM
Platform Size	900x1200 MM
Door Opening (WxH)	700-900x2000 MM
DIAGONAL ENTRY	
Structural Opening	1450x1450 MM
Tower Dimensions	1400x1400 MM
Platform Size	900x1200 MM
Door Opening (WxH)	700-900x2000 MM
GENERAL DIMENSION	4 Person
Load Capacity Max	400 KG
Headroom	2340 MM
Pit Height	120 MM



4
Person
Capacity

400
KG
Max

140^{x140}
cm
Tower
Dimensiion

90^{x120}
cm
Platform Size



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VK 1600

TOWER DIMENSIONS

1600 x 1600 MM

PLATFORM SIZE

1100 x 1400 MM

DOOR OPENING (Automatic/Manuel Swing Door)

900 x 2000 MM

PIT HEIGHT

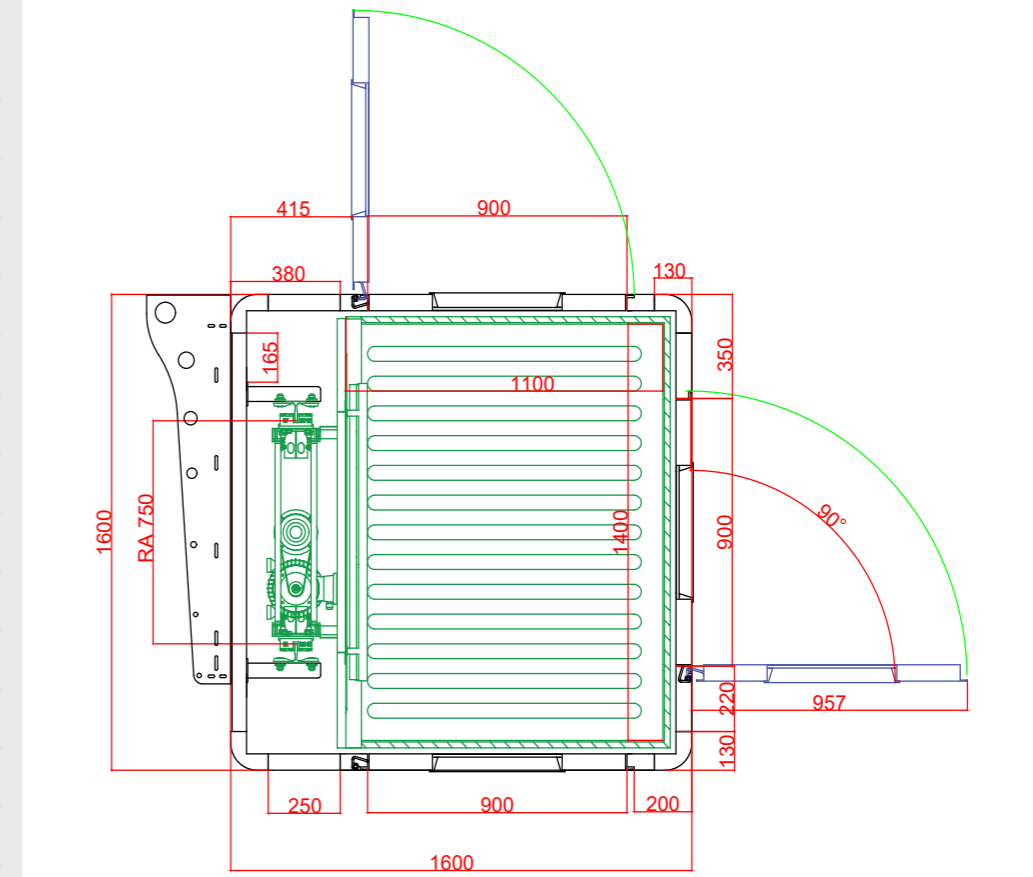
120 MM

HEADROOM

2.340 MM (In Door) / 2.590 MM (Out Door)

We have home elevators designed in different sizes for different needs, comfort and space requirements. All of them offer you well-thought-out ergonomics. It is equipped with our Smart Security systems for your peace of mind.

SINGLE ENTRY	VK1600
Structural Opening	1650x1650 MM
Tower Dimensions	1600x1600 MM
Platform Size	1100x1400 MM
Door Opening (WxH)	900x2000 MM
OPPOSING ENTRY	
Structural Opening	1650x1650 MM
Tower Dimensions	1600x1600 MM
Platform Size	1100x1400 MM
Door Opening (WxH)	900x2000 MM
DIAGONAL ENTRY	
Structural Opening	1650x1650 MM
Tower Dimensions	1600x1600 MM
Platform Size	1100x1400 MM
Door Opening (WxH)	900x2000 MM
GENERAL DIMENSION	5 Person
Load Capacity Max	500 KG
Headroom	2340 MM
Pit Height	120 MM

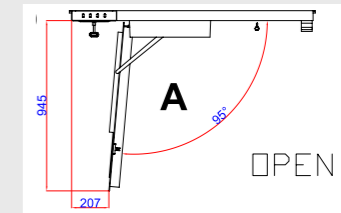
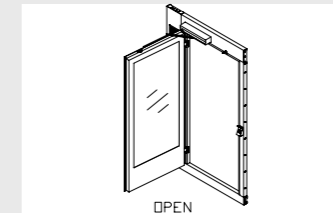
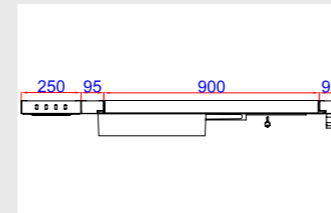


5
Person
Capacity

500
KG
Max

160^{x160}
cm
Tower
Dimensiion

110^{x140}
cm
Platform Size



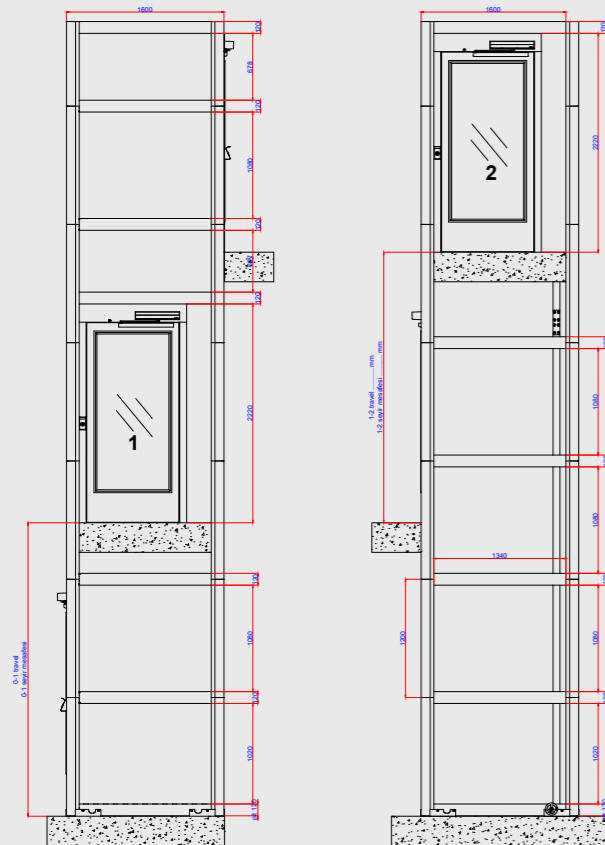
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TECHNICAL DIMENSIONS



For Seat Use

For Wheelchair Use

SINGLE ENTRY	VK 1100	VK 1200	VK 1300	VK 1400	VK 1500	VK 1600
Structural Opening	1150x1150 MM	1250x1250 MM	1350x1350 MM	1450x1450 MM	1550x1550 MM	1650x1650 MM
Tower Dimensions	1100x1100 MM	1200x1200 MM	1300x1300 MM	1400x1400 MM	1500x1500 MM	1600x1600 MM
Platform Size	600x900 MM	700x1000 MM	800x1100 MM	900x1200 MM	1000x1300 MM	1100x1400 MM
Door Opening (WxH)	600x2000 MM	700x2000 MM	800x2000 MM	900x2000 MM	900x2000 MM	900x2000 MM
OPPOSING ENTRY						
Structural Opening	1150x1150 MM	1250x1250 MM	1350x1350 MM	1450x1450 MM	1550x1550 MM	1650x1650 MM
Tower Dimensions	1100x1100 MM	1200x1200 MM	1300x1300 MM	1400x1400 MM	1500x1500 MM	1600x1600 MM
Platform Size	600x900 MM	700x1000 MM	800x1100 MM	900x1200 MM	1000x1300 MM	1100x1400 MM
Door Opening (WxH)	400x2000 MM	500x2000 MM	600x2000 MM	700x2000 MM	800x2000 MM	900x2000 MM
DIAGONAL ENTRY						
Structural Opening	1150x1150 MM	1250x1250 MM	1350x1350 MM	1450x1450 MM	1550x1550 MM	1650x1650 MM
Tower Dimensions	1100x1100 MM	1200x1200 MM	1300x1300 MM	1400x1400 MM	1500x1500 MM	1600x1600 MM
Platform Size	600x900 MM	700x1000 MM	800x1100 MM	900x1200 MM	1000x1300 MM	1100x1400 MM
Door Opening (WxH)	400-600x2000 MM	500-700x2000 MM	600-800x2000 MM	700-900x2000 MM	800-900x2000 MM	900x2000 MM
GENERAL DIMENSION	1 Person	2 Person	3 Person	4 Person	5 Person	5 Person
Load Capacity Max	400 KG	400 KG	400 KG	400 KG	425 KG	500 KG
Headroom	2350 MM	2350 MM	2350 MM	2350 MM	2350 MM	2350 MM
Pit Height	120 MM	120 MM	120 MM	120 MM	120 MM	120 MM

120
mm

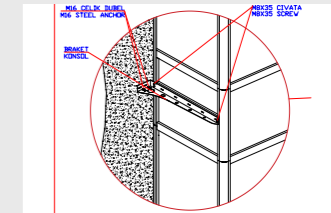
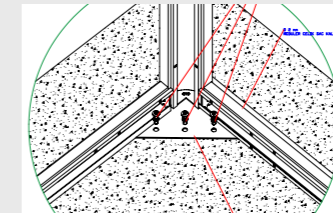
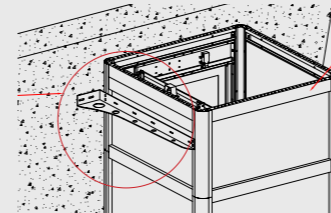
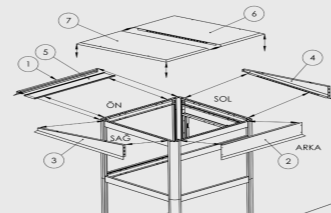
Pit Height

2011
mm

Platform
Height

2590
mm

Headroom



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PLATFORM FEATURES

FLOORING

Antibacterial PVC / Anti-Slip Tape

BACKBOARD

Led Lighting / MIRROR / SUPER MIRROR

BUTTONS

Buttons with Brail / Alarm / Fan / Intercom / Stop

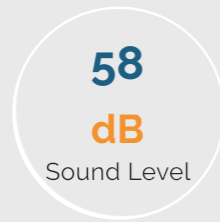
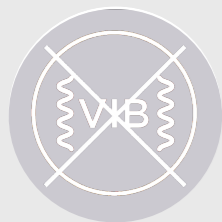
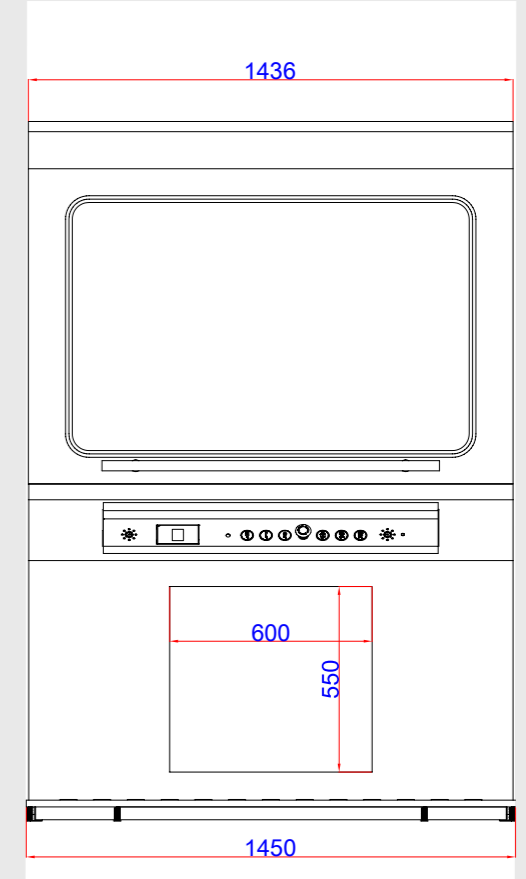
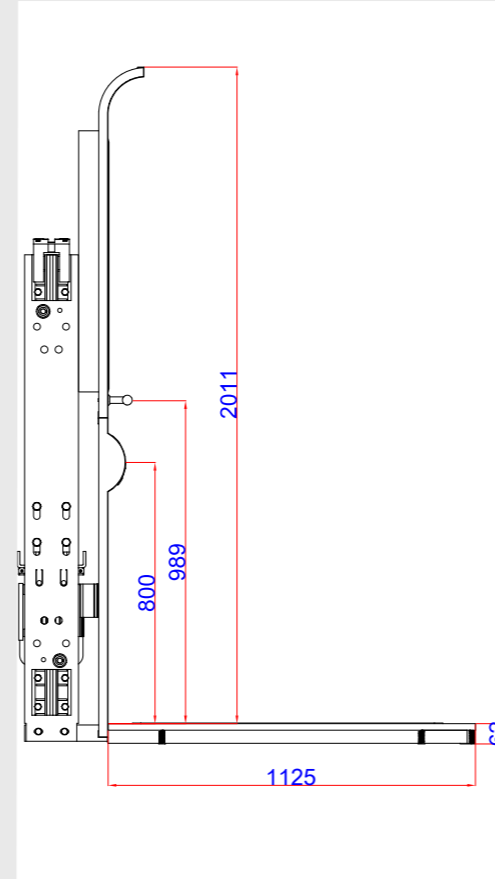
DISPLAY SCREEN

7 Segment Display 38 MM

ENOUNCING

Turkish / English / Arabic / Spanish / Ukrainian

Vertical disabled platforms with worm screw shafts, whose mechanical design is meticulously designed to avoid noise and vibration, are the most preferred elevator systems all over the world with their performance and maintenance costs.



AEZ 148



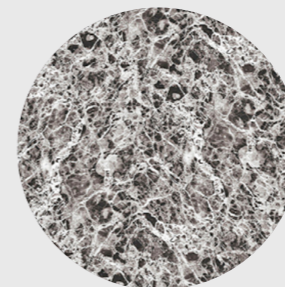
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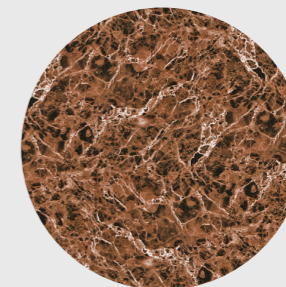
AEZ 156



AEZ 157



AEZ 209



AEZ 210



AEZ 211

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CHROME OPTIONS

MATERIAL

GOLD / SHINNY MIRROR / BRUSHED STAINLESS STEEL

THICKNESS

0.8 MM

AREA OF USAGE

In Door / Out Door

COVERING TYPE

Polyester Powder Painting RAL Colored

ALTERNATIVES (OPTIONAL)

Different Decorative Chrome Covering Options Are Available.

Its easy-to-clean surface, anti-bacterial structure and maximum resistance to oxidation tell you why we prefer decorative chrome sheet metal. You can upgrade the style of your home by choosing a stylish and modern look.



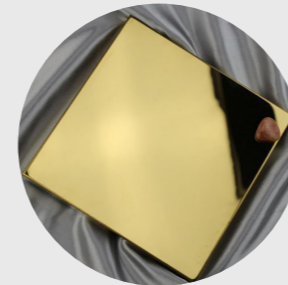
15
cm/sn
Speed

500
KG
Max

58
dB
Sound Level



BRUSHED
GOLD



GOLDEN
MIRROR



SATINE
CHROME



MIRROR
CHROME

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PAINT OPTIONS

MATERIALS

Polyester / Thermoplastic Baking Paint

AREA OF USAGE

In Door / Out Door

COLOUR OPTIONS

Standard 4 Colors / Optional Special Colors

GALVANIZED COATING (OPTIONAL)

Special coating for structures closer to sea and for marine vehicles

ALTERNATIVES

Different Color Choices Available for Cabin, Buttons and Tower

Polyester-based exterior oven paints, which can show the same flexibility as metal parts, are used to extend the life of metal parts and prevent corrosion.



RAL 9016



RAL 7035



RAL 7016



RAL 9005

15
cm/sn
Speed

500
KG
Max

58
dB
Sound Level

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GLASS OPTIONS

LIGHT TRANSMITTANCE

%98

UV PROTECTING

%96-99

FIRE RESISTANCE

A1 / P1A / 1(B)1

SOUND INSULATION

44 dB

TICKNESS

4+0,76+4 8 MM

Laminated glass is the hardened form of two glasses of the same or different thickness, combined and hardened by placing polyvinyl butyral (PVB) layers between them in special laminated furnaces. Laminated glass features do not break or shatter upon impact. A crack occurs only in the broken area and that crack continues.



UV

%99

Protection

8

MM

Thickness

44

dB

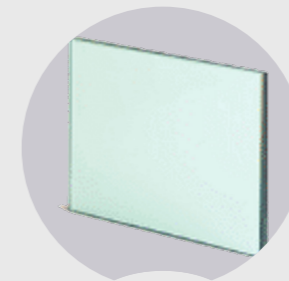
Sound
insulation



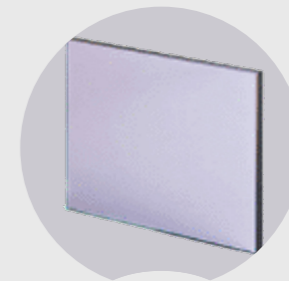
CLEAR



BLUE



GREEN



SMOKY

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SAFETY

PLATFORM SAFETY

Permanent Stop Button / Jamming Sensors

DOOR SAFETY

IP 67 Pizzato Security Lock (Italy Brand)

NUT

12 Tin Bronze

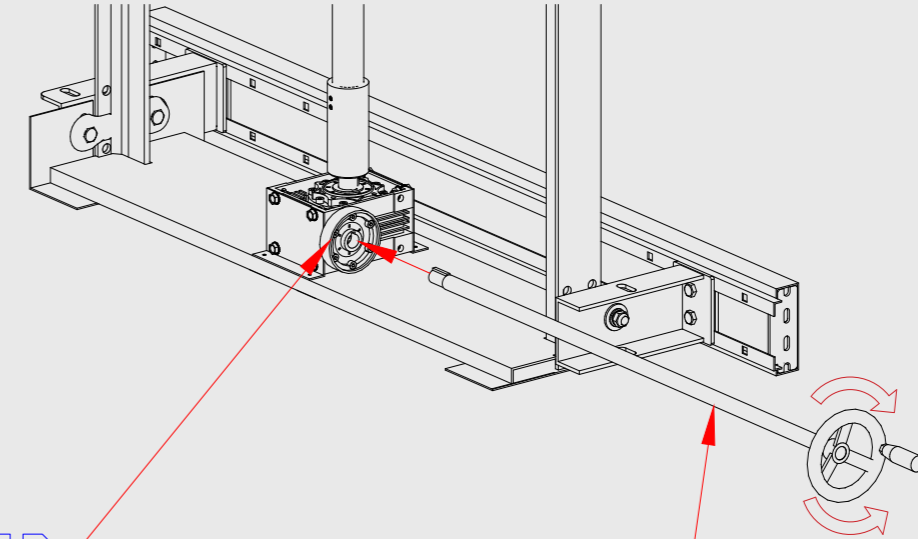
ENDLESS SCREW

Ø41mm Double mouth (Devas)

OVERLOAD

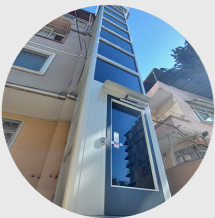
Mechanical Switch

For your safety, while the platform edges offer a safer ride with sensitive edge compression sensors, a series of mechanical brake mechanisms have been developed against the risks of carrier nuts.



REDUKTOR
reduction gear

MANUEL KURTARMA KOLU
RECOVERY ARM



MECHANICAL
BRAKE



SAFETY
NUT



AUTOMATIC
LUBRICATION



BOTTOM
STOP

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TECHNICAL FEATURES

DRIVER

2.2 Kw Fuji / Omron (Japan Brand)

MOTOR

Aemot / Siemens

BRAKE

Elektromagnetic Disc Brake

RESCUE SYSTEM

Auto by UPS / Manuel by hand

DOOR TYPE

Automatic/Manuel Swing Door

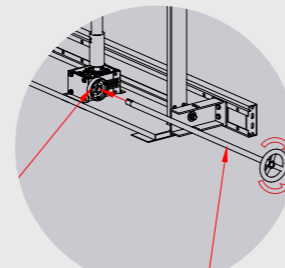
ENERGY

1 Phase 110~230 Vac / 3 Phase 230/400 Vac 50-60 Hz

The PJ pulley made of aluminum and the worm screw shaft produced with the rolling technique do not create noise or vibration with induction hardened, ground special steel bronze nuts.



SIEMENS
MOTOR



MANUEL
RESCUE



AUTOMATIC
RESCUE



FUJI
DRIVER

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WORM SCREW FEATURES

MATERIAL

CK40

MATERIAL FEATURE

It is a medium-high carbon content carbon and manufacturing steel. They have high strength, hardness and wear resistance in honed and hardened forms.

HONING

The surface, geometric form and surface quality of the material subjected to the honing process are improved.

ROLLED THREAD

The outer surface of the material is transformed into a double-sided screw tooth structure with the cold forming method.

SCREW

Transformation of the material with honed surface into a double helical screw shaft with the chipless manufacturing method provides silent and smooth travel of the platform moving on a vertical axis with high precision and excellent surface quality.

Ø41

mm

SCREW

6

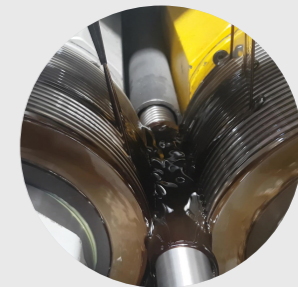
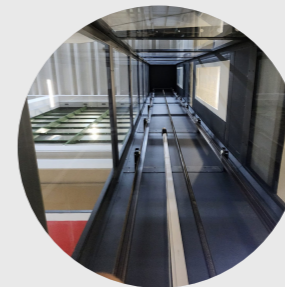
°

Helix Angle

3,3

i

Gear Ratio



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