

A composite image featuring Mount Everest in the background, the Petronas Twin Towers in the lower right, and a modern city skyline with several skyscrapers in the lower left. The entire scene is set against a backdrop of a bright blue sky with scattered white clouds.

ELEVATOR COMPONENTS

www.hasasansor.com

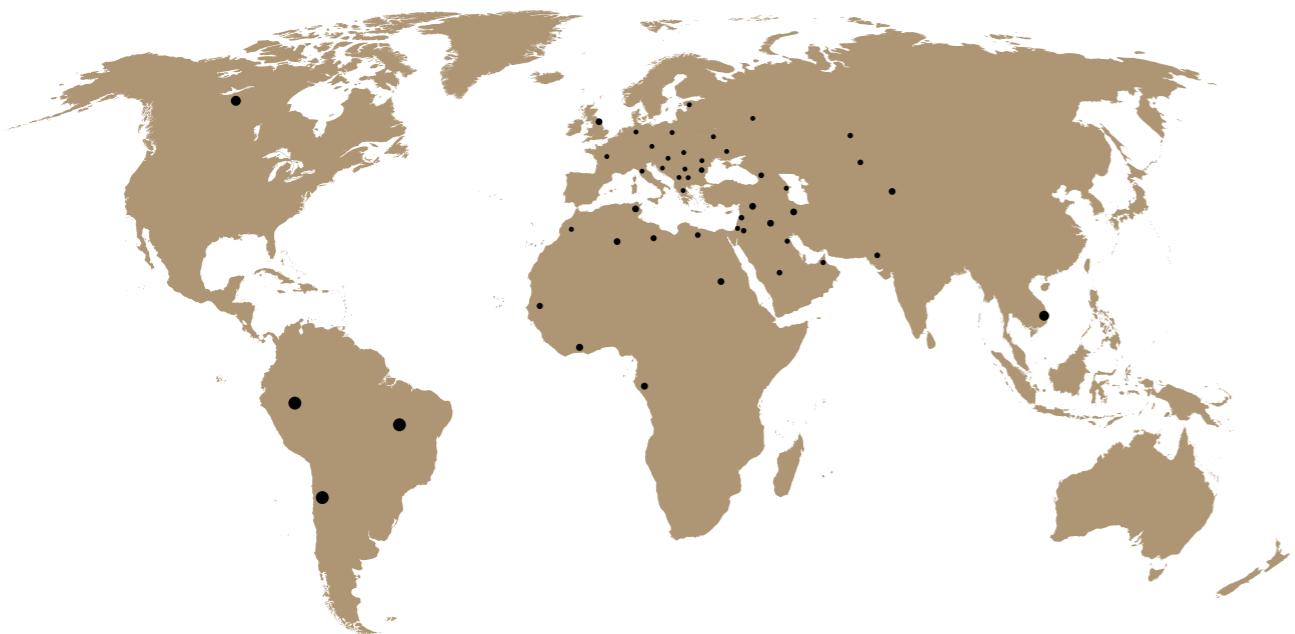


Your Solutions Partner for Elevator System

Choose the Best 







Has Asansör;

- 1980 yılında** küçük bir atölyede imalata başlayan Has Asansör, asansör sektörüne hizmet vermenin ilk basamaklarını kauçuk ve plastik parçalar üreterek atmıştır.
- 1987 yılında** tasarımları yapılarak üretimine başlayan yaylı kauçuk tamponlarla birlikte kauçuk ve plastik parçalarda lider konuma gelen Has Asansör 1992 yılında paket asansör malzemeleri pazarlama amacıyla HASPAR Pazarlama Ticaret firmasını kurmuştur.
- 1994 yılında** kabin ve kabin karkasını da üretimine ilave eden Has Asansör kısa zamanda üretim kapasitesi ve kalitesini artırarak asansör sektöründe söz sahibi olmayı başarmıştır.
- 1997 yılında** ilk fabrikasına geçiş yapan Has Asansör 5200 metrekare kapalı toplamda 7200 metrekare çalışma sahasına sahip olmuştur.
- 2000 yılında** ihracat departmanı kurarak yurtdışında da hizmet vermeye başlayan Has Asansör, ilk ihracatını gerçekleştirmiştir.
- 2004 yılında** teknolojik işletme yatırımlarına hız veren Has Asansör, Punch, Laser, Robotlu Makas, Robotlu Abkant ve Entegre ESB toz boyası tesis yatırımlarını gerçekleştirerek sektördeki yerini sağlamıştır. Has Asansör yükselen gelişmesini insana verdiği değer eğitime gösterdiği önem ve işine verdiği özenle hedeflemektedir.
- 2008 yılında** bu sorumluluk bilinciyle Has Asansör sektörde çalışacak kalifiye eleman açığının kapatılması için Has Asansör Mesleki ve Teknik Anadolu Lisesini kurmuştur. Okulumuz 1000 öğrenci kapasiteli ile tam donanımlı 24 derslik, 4 laboratuvar, 11 atölye, 6 teknoloji sınıfı ile eğitim hayatına devam etmektedir.
- 2011 yılında** ikinci fabrika inşaatına başlayarak Has Asansör, modern bir fabrikaya kavuşmuştur. Bu yeni işletme inşaattıyla birlikte seyir mesafesi 36 metre olan 2 adet asansör test kulesi de hizmete girmiştir.
- 2015 yılında** gelindiğinde Has Asansör, 17000 m² üretim alanı, 150 kişilik teknik uzman kadrosu, yurt dışı temsilciliği ve 63 ülkeye ihracat kapasitesi; ISO 9001/2015 kalite yönetim sistemi ISO 14001 Çevre Yönetim Sistemi, ISO 18001 OHSAS ve ISO 27001 Bilgi Güvenliği sertifikalarıyla uluslararası kalitede üretim yapan bir firma haline gelmiştir.
- 2016 yılında** TC. Bilim Sanayi Teknoloji Bakanlığının onayı ile Türkiye'nin 307. Arge Merkezi olma hakkını elde etmiştir.
- Has Asansör modern üretim tesislerinde ayda 6 bin adet yarı otomatik kapı, 2.500 adet tam otomatik kapı, 200 adet asansör kabini ve süspansiyonu, 200 adet kontrol panosu ve 15 adet hidrolik kontrol ünitesi üretim kapasitesiyle müşterilerine hizmet vermeye devam etmektedir.**
- Has Asansör, Paket Asansör çözümlerinde;**
Geniş ARGE ekibi, müşteri projelerine özel tasarım ve üretim, ürün çeşitliliği ve garantisı, satış sonrası hizmet, müşteri memnuniyeti ile dünyanın her yerine hizmet vermeye devam edecektir.

LOVAKYA MACARİSTAN SIRBİSTAN GÜRCİSTAN SENEGAL ALMA
RİSTAN S.ARABİSTAN YUNANİSTAN RUSYA ROMANYA GABON KATAR
İYA ESTONYA ÇEK CUMHURİYETİ ŞİLİ PAKİSTAN PERU ÖZBEKİSTAN KU
BOSNA FAS BREZİLYA MALTA BELARUS MAKEDONYA AZERBAYC
ÜNBAN ÜRDÜN KUYEV
İALYA TACİKİSTAN İSP
.İSTAN GÜRCİSTAN SE
AN RUSYA ROMANYA
URİYETİ ŞİLİ PAKİSTAN
LYA MALTA BELARUS F
AM LÜBNAN ÜRDÜN F
UNUS İTALYA TACİKİST
AN SIRBİSTAN GÜRCİST
YUNANİSTAN RUSYA F
JİHURİYETİ ŞİLİ PAKİ
ZİLYA MALTA BELARU
LÖDİ SAHİLERİ VİETNAM
KRAYNA KAZAKİSTAN TU
LOVAKYA MACARİSTAN'
İSTAN S.ARABİSTAN YUN

MACARİSTAN SIRBİSTAN GÜRCİSTAN SENEGAL AL
ARABİSTAN YUNANİSTAN RUSYA ROMANYA GABON K
VYA ÇEK CUMHURİYETİ ŞİLİ PAKİSTAN PERU ÖZBEKİST
AS BREZİLYA MALTA BELARUS MAKEDONYA AZERB
MA FİLDİSİ SAHİLL
IA UKRAYNA KAZA
SLOVAKYA MACA
İSTAN S.ARABİSTAN YUNANİSTAN RUSYA K
OLONYA ESTONYA ÇEK CUMHURİYETİ ŞİLİ PAKİSTAN .
MISIR BOSNA FAS BREZİLYA MALTA BELARUS MAKEDON
VİETNAM LÜBNAN ÜRDÜN KİVEY İNL
YA TACİKİSTAN İSRAİL SURI
RCİSTAN SENEGAL ALN
ROMANYA GABON KAT
STAN PERU ÖZBEKİSTAN
S MAKEDONYA AZERBA
R PANAMA
KOSOVA UKRAYNA KAZAKİSTAN TUNUS İTALYA TACİKİST
AN İRAN SLOVAKYA MACARİSTAN SIRBİSTAN GÜRCİST
GARİSTAN S.ARABİSTAN YUNANİSTAN RUSV

Has Elevator;

- In 1980** HAS ASANSOR started to manufacture a small workshop, the elevator took the first steps of serving the sector by producing rubber and plastic parts.
- In 1987** HAS ASANSOR became a leader in rubber and plastic parts with spring rubber bumpers, which started to be produced by designing the ascent.
- In 1994** HAS ASANSÖR added the cabin and cabin carcasse to its production and soon it started to have a say in elevator sector by increasing its production capacity and quality.
- In 1997** HAS ASANSOR was the first elevator to the factory total of 7200 square meters closed area of 5200 square meters.
- In 2000** HAS ASANSOR established the first export department and made the first exports abroad.
- In 2004** HAS ASANSOR pioneered investments in the field of technological investments and has strengthened its position in the sector by realizing investments in robot pincers, robot abkant and integrated esb powder coating plants.
- In 2008** With this awareness of responsibility, HAS ELEVATOR PROFESSIONAL AND TECHNICAL ANADOLU was established to close the staff member who worked in the unique elevator sector. Our school is fully equipped with a capacity of 1000 students, 24 classrooms, 4 laboratories, 11 workshops and 6 technology classes.
- In 2011** Starting the second factory construction, the unique elevator became a modern factory. Two new elevator test towers with 36 meters of cruising distance were in service with this new construction.
- In 2015** HAS ASANSOR was 17000 square meters production area 150 delegates of technical experts abroad and export capacity to 63 countries ISO 9001/2015 quality management system ISO 14001 environmental management system ISO 18001 OHSAS and ISO 27001 became international quality production companies with information security certificates.
- In 2016** With the approval of the ministry of science and technology, tc obtained the right to become the 307th headquarters of Turkey.

HAS ASANSOR continues to provide its customers with modern production facilities with monthly production capacity of 6,000 semi automatic doors, 2500 fully automatic doors, 200 elevator cabins and suspensions, 200 control panels and 15 hydraulic units.

In the HAS ASANSOR package ascent solutions,
Wide R & D team will continue to serve the world with custom design and production product variety and guarantee, after sales service, customer satisfaction to customer projects.



Private House





KABİNLER / CABINS





IHAS LAS VEGAS

*“Feel the energy of
Las Vegas”*

- * Full- Length Mirror
- * Granite Floor
- * Laser Cut Ceiling
- * Hidden Lighting (Floor- Ceiling)
- * Handle A Single Row
- * EN81-20/50



IHAS GALATA TOWER

*“The intersection point of
past and future”*

- * Custom Design Glass
- * 4+4 Laminated
- * Granite Floor
- * Laser Cutting Panels
- * Panel Hidden Lighting
- * Handle A Single Row
- * EN81-20/50



HAS HARMONY

“The rhythm of life”

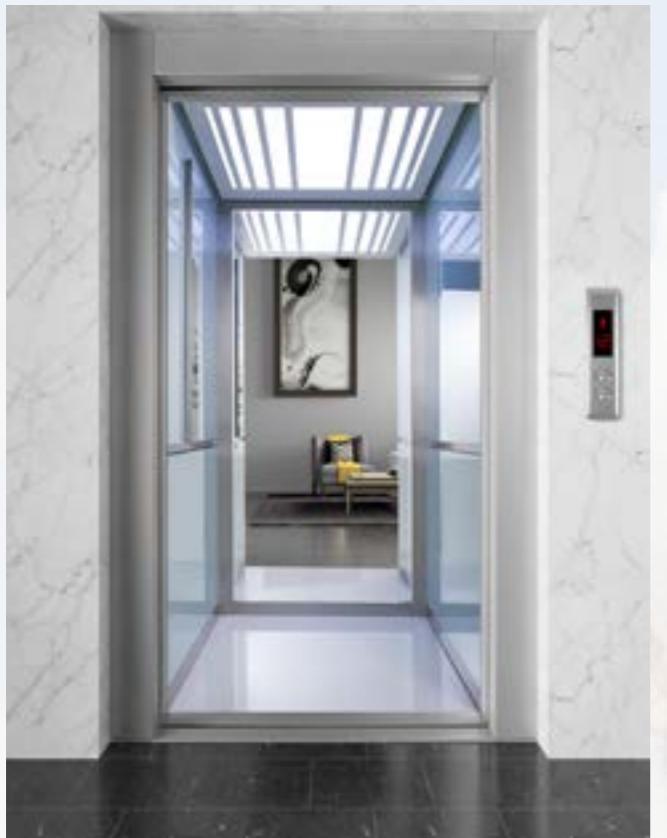
- * Panels A Special Form
- * Full- Length Mirror
- * Granite Floor
- * Laser Cut Ceiling
- * Hidden Lighting (Floor- Ceiling)
- * Handle A Single Row
- * EN81-20/50



HAS MOONLIGHT

*“As the light of emotions
that you miss”*

- * Custom Painted Panels
- * Super Mirror Accessories
- * Granite Floor
- * Half Length Mirror
- * Laser Cut Ceiling
- * Handle A Single Row
- * EN81-20/50



HAS CASHMERE

“Feeling above the clouds”

**4+4 Colored Glass Shape Panels
Granite Floor
Full- Length Mirror
Laser Cut Ceiling
Design Handrail
EN81-20/50**





Postforming laminant paneller
Satine paslanmaz aksesuar
Tek sıra tutamak
Yarım boy ayna
PVC zemin
Lazer kesim tavan

*Postforming laminate panels &
Satin stainless accessories
Handle a single row
Half-length mirror
PVC floor
Laser cut ceiling*

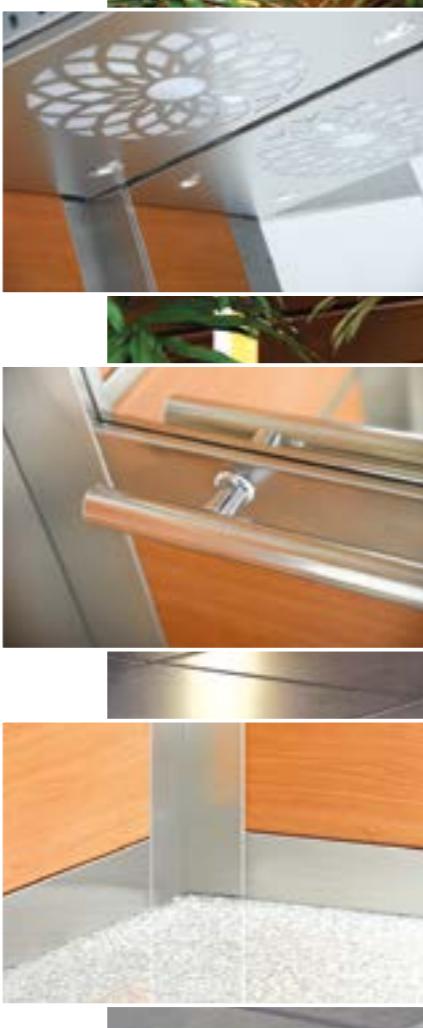
HAS 100



Postforming laminant paneller
Satine paslanmaz aksesuar
Tek sıra tutamak
Yarım boy ayna
PVC zemin
Lazer kesim + spot tavan

*Postforming laminate panels
Satin stainless accessories
Handle a single row
Half-length mirror
PVC floor
Laser cut ceiling with spotlights*

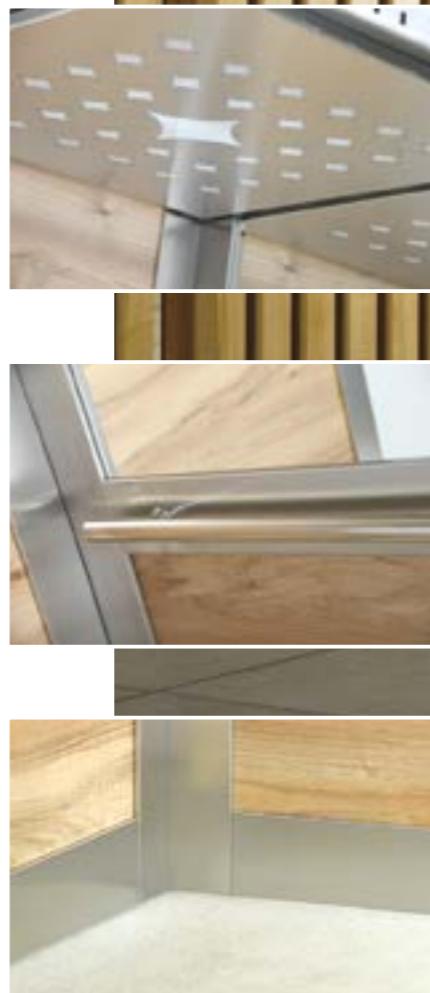
HAS 120



Laminant paneller
Satine paslanmaz aksesuar
Tek sıra tutamak
Yarım boy ayna
PVC zemin
Lazer kesim tavan

Laminate panels
Satin stainless steel accessories
Handle a single row
Half-length mirror
PVC floor
Laser cut ceiling

HAS İÇ SALSASI

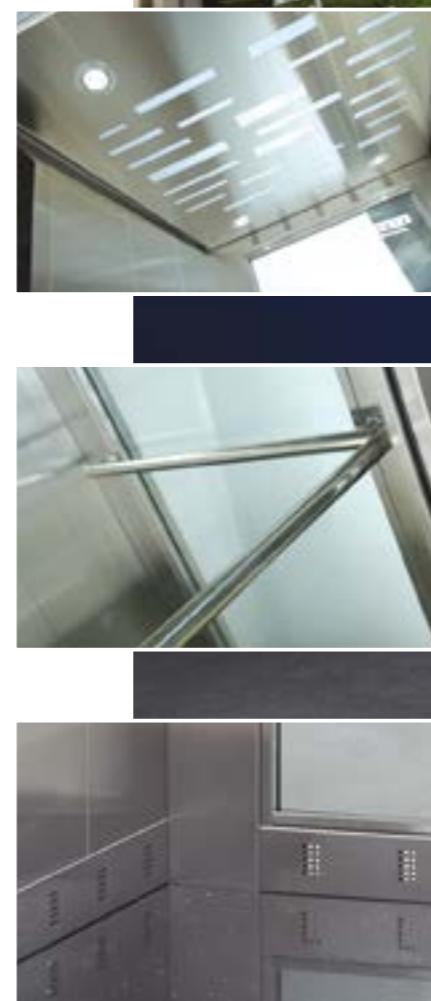




Paslanmaz lamine cam uygulamalı paneller
Tek sıra tutamak
Doğal granit zemin
Lazer kesim spot tavan
EN 81-20/50

*Stainless steel and laminated glass panel
Handle a single row
Natural granite floor
Laser cut ceiling with spotlights
EN 81-20/50*

HAS 150



Satine paslanmaz panel &
Ayna paslanmaz aksesuar
Tek sıra tutamak
Tam boy ayna
Doğal granit zemin
Lazer kesim tavan
EN 81-20/50

Satin stainless panels &
Mirror stainless steel accessories
Handle a single row
Full-length mirror
Natural granite floor
Laser cut ceiling
EN 81-20/50

HAS 160





Satine paslanmaz paneller & aksesuar
Tek sıra tutamak
Yarım boy ayna
PVC zemin
Lazer kesim tavan
EN 81-20/50

*Satin stainless steel panels & accessories
Handle a single row
Half-length mirror
PVC floor
Laser cut ceiling
EN 81-20/50*

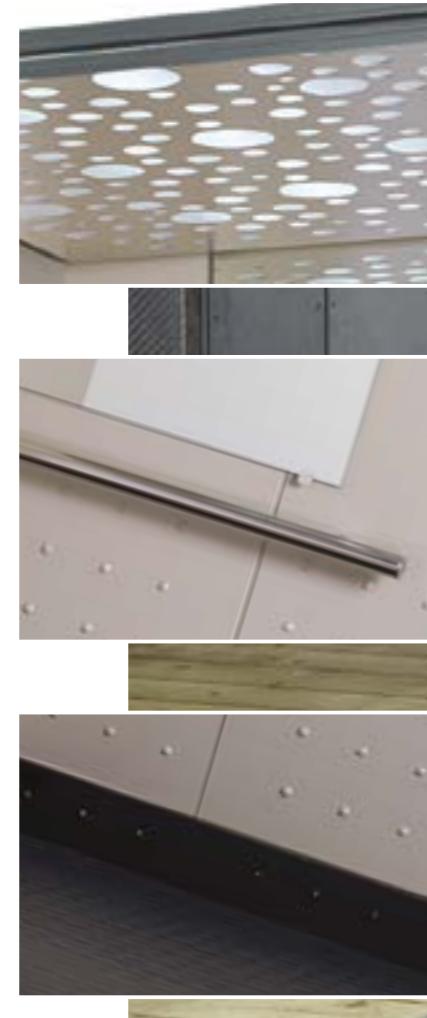
HAS 220



ESB boyalı sac paneller
Tek sıra tutamak
Yarım boy ayna
PVC Zemin
Özel form uygulama
Lazer kesim tavan
EN 81-20/50

*ESB painted sheet metal panels
Handle a single row
Half - lenght mirror
PVC floor
Panels a special form
Laser cut roof
EN 81-20/50*

HAS 300





ESB boyalı sac paneller
Alüminyum çeta zemin
Lazer kesim tavan
Acil çıkış merdiveni (İtfaiye)
Acil çıkış kapağı
EN 81-20/50

*ESB painted sheet metal panels
Aluminum checker plate floor
Laser cut ceiling
Emergency exit stairs (Fire Department)
Emergency trap door
EN 81-20/50*

IMAS 300 F

İtfaiye Acil Çıkış Merdivenli





Dekoratif kaplanmış MDF paneller
Süper ayna paslanmaz aksesuar
Tek sıra tutamak
Tam boy ayna
Doğal granit zemin
Lazer kesim + spot tavan

Decorative wood panels &
Super mirror stainless steel
Handle a single row
Full-length mirror
Natural granite floor
Laser cut ceiling + with spotlights

HAS 330





Satine paslanmaz paneller & aksesuar
Tek sıra tutamak
Yarım boy ayna
Doğal granit zemin
Spot tavan
EN 81-20/50

Satin stainless steel panels & accessories
Handle a single row
Half-length mirror
Natural granite floor
Ceiling with spotlights
EN 81-20/50

HAS 360

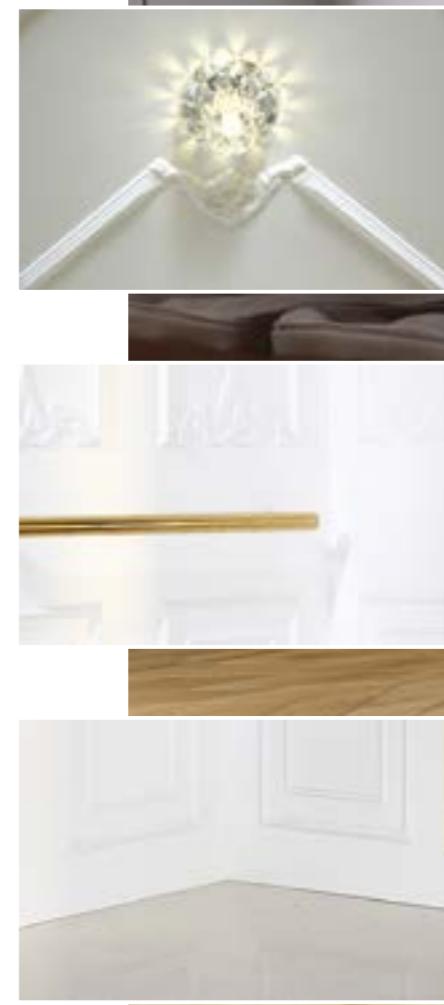




Motifli ahşap paneller ipeksi mat boyalı
Altın ayna aksesuar
Tek sıra tutamak
Doğal granit zemin
Motifli ahşap - Kristal spot tavan

*Decorative with painted wood panels
Gold mirror accessories
Handle a single row
Natural granite floor
Decorative wood ceiling with spotlights*

HAS 400

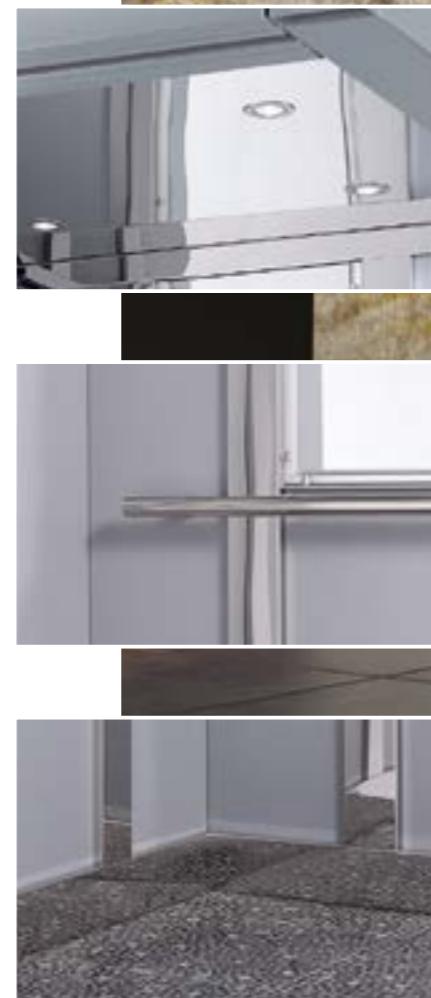




ESB boyalı sac paneller &
S.Ayna paslanmaz aksesuar
Tek sıra tutamak
Yarım boy ayna
Dekoratif PVC Zemin
Spot tavan
EN 81-20/50

*ESB painted sheet metal panels
Super mirror stainless steel accessories
Handle a single row
Full-length mirror
Decorative PVC floor
Ceiling with spotlights
EN 81-20/50*

HAS 460





KAPILAR / DOORS



 HAS STANDART RAL 7032
Yarı Otomatik Kapı

 HAS STANDARD RAL 7032
Semi Auto Landing Door

 HAS 01 RAL 1013-3005
Yarı Otomatik Kapı

 HAS 01 RAL 1013-3005
Semi Auto Landing Door



HAS 03 RAL 7032-3005
Yarı Otomatik Kapı

HAS 03 RAL 7032-3005
Semi Auto Landing Door

HAS 04 RAL 3005-9005
Yarı Otomatik Kapı

HAS 04 RAL 3005-9005
Semi Auto Landing Door



HAS 05 RAL 1013-9005
Yarı Otomatik Kapı

HAS 05 RAL 1013-9005
Semi Auto Landing Door

HAS 12 RAL 3005-9005
Yarı Otomatik Ferforje Kat Kapısı

HAS 12 RAL 3005-9005
Semi Auto Ferforge Landing Door



 HAS 10 Bakır Dökme
Yarı Otomatik Ferforje Kat Kapısı



 HAS 11 Beyaz Gümüş
Yarı Otomatik Ferforje Kat Kapısı

 HAS 11 White Silver Scrap
Semi Auto Ferforge Landing Door



HAS 13 Bakır Dökme
Yarı Otomatik Ferforje Kat Kapısı

HAS 13 Copper Scrap
Semi Auto Ferforge Landing Door

HAS 30 Satine Paslanmaz
Katlanır Kabin Kapısı

HAS 30 Stainless Steel Hairline
Folding Door



■ HAS 31 Dekoratif Paslanmaz
Katlanır Kabin Kapısı

■ HAS 31 Stainless Steel Decorative
Folding Door

■ HAS 32 Nokta Paslanmaz
Katlanır Kabin Kapısı

■ HAS 32 Linen Stainless Steel
Folding Door



HAS 33 Bakır Dövme
Katlanır Kabin Kapısı

HAS 33 Copper Scrap
Folding Door

HAS 20 Satine Paslanmaz
Otomatik Kat Kapısı

HAS 20 Stainless Steel Hairline
Automatic Landing Door



■ HAS 21 Satine Paslanmaz
Otomatik Cam Kat Kapısı

■ HAS 21 Stainless Steel Hairline
Automatic Glass Landing Door

■ HAS 24 Satine Paslanmaz
Otomatik Cam Kat Kapısı

■ HAS 24 Stainless Steel Hairline
Automatic Glass Landing Door



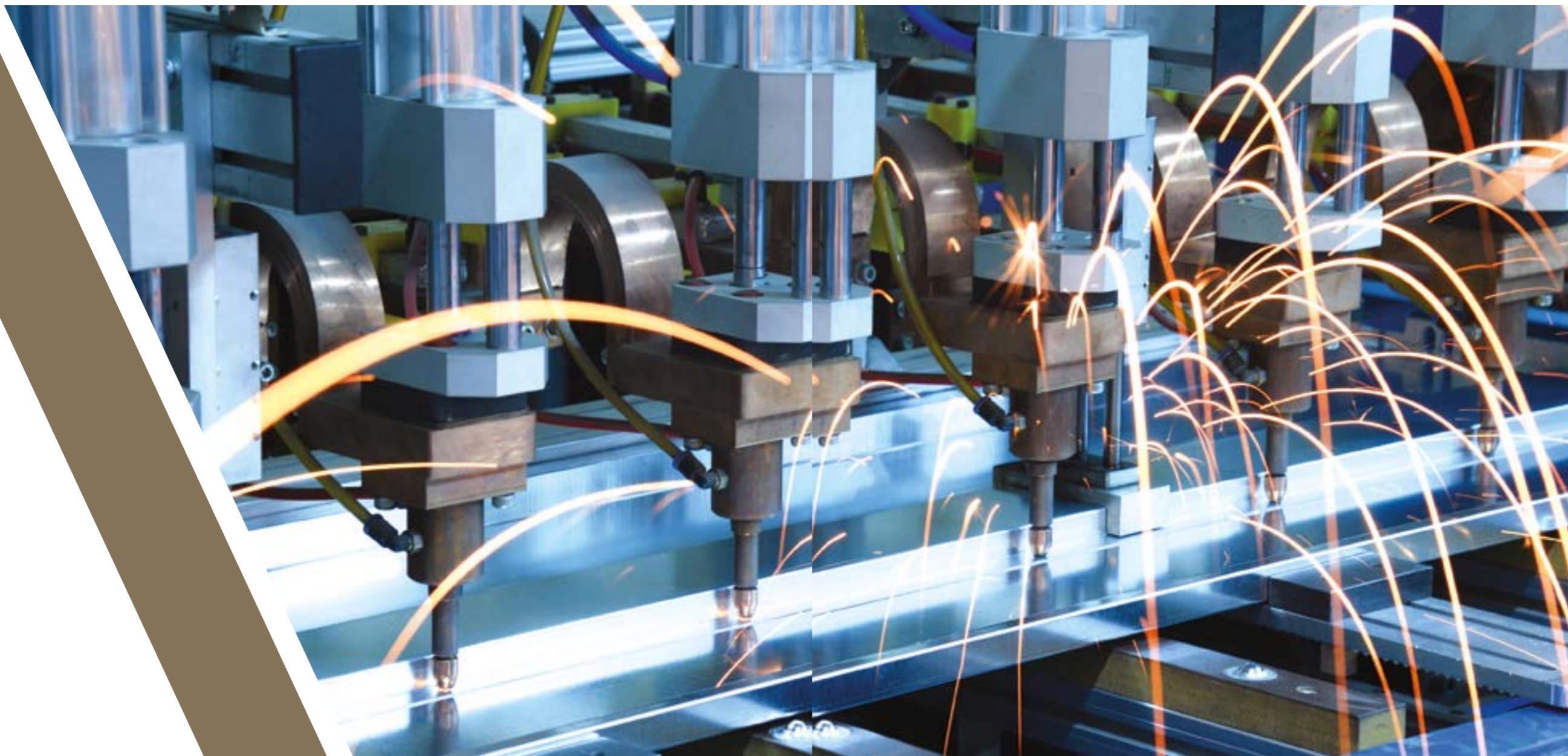
HAS 22 Dekoratif Paslanmaz
Otomatik Kat Kapısı

HAS 22 Stainless Steel Decorative
Automatic Landing Door



HAS 23 Altın Ayna Paslanmaz
Otomatik Dekoratif Cam Kat Kapısı

HAS 23 Gold Mirror Stainless Steel
Automatic Decorative Glass
Landing Door





Tekli Kabin Tamponu
Single Buffer
(max) 1m/sec



İkili Kabin Tamponu
Double Buffer
(max) 1m/sec



Dörtlü Kabin Tamponu
Quadred Buffer
(max) 1m/sec



Fleksibil Kablo Takozu
Flexible Hanging Device
(Round)



Yağdanlık
Lubricator



Yağ Toplama Kabı
Oil Collecting Cup



HPT 03 Polüretan Tampon
Polyurethan Buffer



HPT 02 Polüretan Tampon
Polyurethan Buffer

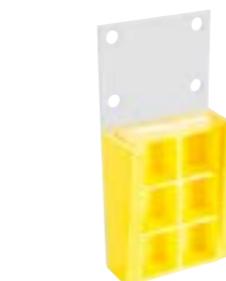


HPT 04 Polüretan Tampon
Polyurethan Buffer



Hidrolik Tampon
Hydrolic Buffer
(max) 1.6m/sec

Hidrolik Tampon
Hydrolic Buffer
(max) 2m/sec



Yassı Fleksibil Kablo Takozu
Flexible Hanging Device
(Flat)



Kabin Paten Plastikleri
Baklavalı - Düz - Pimli - Poliüretan

Plastics Guide Shoe
Diamond - Flat - Pin - Polyurethane 9-16 mm



Halat Şişesi (Kauçuklu)
Rope Holder (Rubber) 6-8-10-11-12 mm



Halat Şişesi (Yaylı)
Rope Holder
6-8-10-11-12 mm



Asansör Ray Bağlantı Konsolları
Elevator Guide Rail Brackets Systems



Asansör Kuyu Ayırma Ünitesi
Elevator Shaft Position Unit

Asansör Kılavuz Rayları
Elevator Guide Rails



50 x 50 x 5
70 x 65 x 9
89 x 62 x 16
90 x 75 x 16
125 x 17 x 16



Asansör Klavuz Rayları
Bağlantı Flaşları
Guide Rail Brackets Equipments



Asansör Kılavuz Ray Tırnakları
Guide Rail Clips
m1 - m2 - m3 - m4



Tampon Etkili Fren
Buffer Effect Safety Gear
9 mm / 16 mm



Kayma Fren
Progressive Safety Gear
9 mm / 16 mm



Hidrolik Frenler
Hydraulic Safety Gear
9 mm / 16 mm



Kayma Fren
Progressive Safety Gear
9 mm / 16 mm



Hız Regülatörleri
Speed Governor



Plastik Kabin Pateni
Guide Shoe Of Plastic - Cabin



Plastik Ağırlık Pateni
Guide Shoe Of Plastic-
Counter Weight



Denge Zinciri Makarası
(Kauçuk İçin Büyük)
Pulley Of Balance Chain
(For Ruber Big)



Denge Zinciri Makarası
(Kauçuk İçin Küçük)
Pulley Of Balance Chain
(For Ruber Small)



Denge Zinciri Makarası
(PVC İçin)
Pulley Of Balance Chain
(For PVC)



Metal Ağırlık Pateni
Guide Shoe Of Metal -
Counter Weight



Metal L Tipi Kabin Pateni
Guide Shoe Of Metal -
L Type Cabin



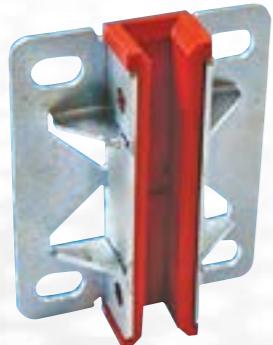
Metal L Tipi Kabin Pateni
Guide Shoe Of Metal -
L Type Cabin



Kauçuk Denge Zinciri
Compansating Balance Chain Rubber
(2000gr/m - 3000 gr/m)



PVC Denge Zinciri
Compansating Balance Chain PVC
(800gr/m - 1500 gr/m - 2030 gr/m)



Sac Sabit Paten
Guide Shoe Of Metal Fixed



Alüminyum Sabit Paten
Guide Shoe Of
Aluminium Fixed



Yassı Fleksibil Kablo
Flexible Cable (Flat)
12x0,75 mm - 16x0,75 mm - 20x0,75 mm - 24x0,75 mm



Çelik Halatlar
Steel Ropes
(6-6,5-8-10-12 mm)



ELEKTRONİK GRUP ELEKTRONIC PART



Boy Fotosel
Photocell



Elektronik Aşırı Yük Sistemi
Electronic Overload System
4 Sensor

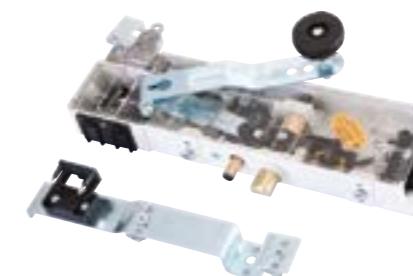


KAPI KİLİTLERİ DOOR LOCKS



CL 05 M Yarı Otomatik
Kat Kapısı Kilidi

*Semi Automatic Landing
Door Lock*



CL 05 MD Yarı Otomatik
Yük Asansörü Kapı Kilidi

*Semi Automatic Landing
Door Lock*



CL 06 M Yarı Otomatik
Kat Kapısı Kilidi

*Semi Automatic Landing
Door Lock*



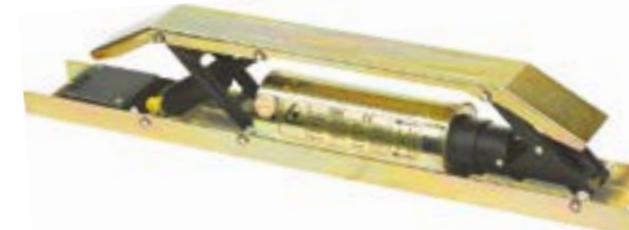
CL 01 M Yarı Otomatik
Kat Kapısı Kilidi

*Semi Automatic Landing
Door Lock*



Yarı Otomatik
Kat Kapısı Amortisörü

*Semi Automatic Landing
Door Lock*



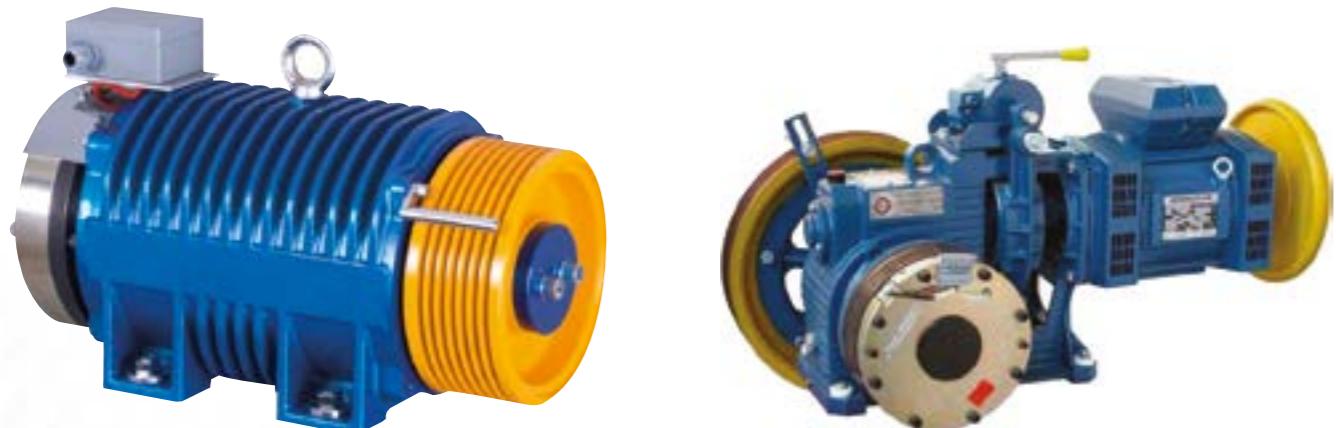
CL 07 Yarı Otomatik
Kat Kapısı Açıma Mekanizması

Retiring Cam (Lirpomp)





MAKİNA MOTOR MACHINE MOTOR



KUMANDA PANOLARI CONTROLLER SYSTEMS



MRL (Dişlisiz) Makina Dairesiz
Kumanda Panosu

*Controller For MRL (Gearless) Systems
Machine Room*

Ral 7032 / Stainless Steel



KUMANDA PANOLARI CONTROLLER SYSTEMS



KUMANDA PANOLARI CONTROLLER SYSTEMS



MRL (Dişlisiz) Makina Daireli
Kumanda Panosu
*Controller For MRL (Gearless) Systems
Machine Room*



Çift Hızlı
Kumanda Panosu
*Two-Speed
Controller System*



Hidrolik
Kumanda Panosu
*Hydraulic
Controller System*



VVVF'li Kurtaranlı Kumanda Panosu
*VVF Controller With Emergency Rescue
Machine Room*



VVVF'li Kurtaranlı Kumanda Panosu
*VVF Controller With Emergency Rescue
Machine Room*



Çift Hızlı Kurtaranlı
Kumanda Panosu
*Two-Speed
Controller With Emergency Rescue*



Seri Revizyon Kutusu
*Revision (Maintenance) Box
With Serial Connection*

BUTTONLAR / BUTTONS





BUTONLAR
BUTTONS

Kat Butonları / Landing Buttons



AK 100

AK 150

AK 160

AK 200

AK 210



Kabin Butonları / Cabinet Buttons



AK 500

AK 500 Gold

Kat Butonları / Landing Buttons



AK 215

AK 110 Gold

AK 150 Gold

AK 200 Gold

Kat Üstü Paneller / Floor Mounted Panels



AK 300



AK 300



AK 300



AK 300



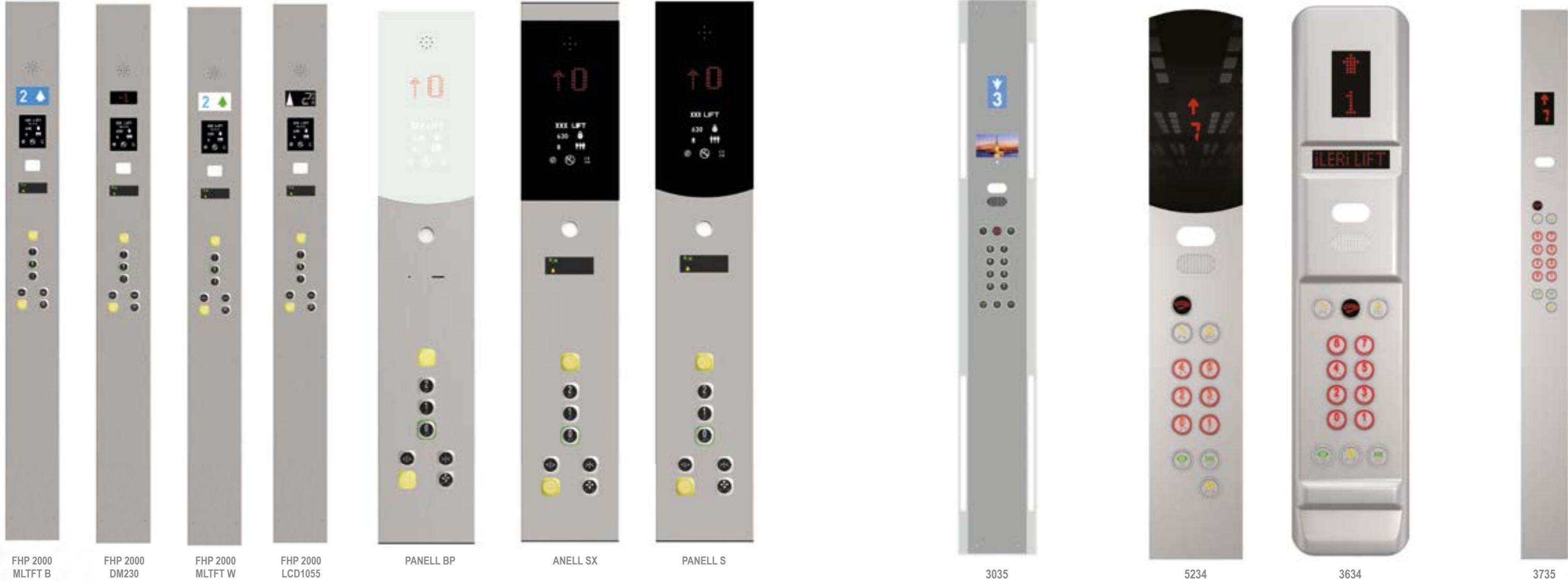
AK 600

AK 600 Gold



BUTONLAR BUTTONS

Kabin Butonları / Cabinet Buttons



Kat Butonları / Landing Buttons

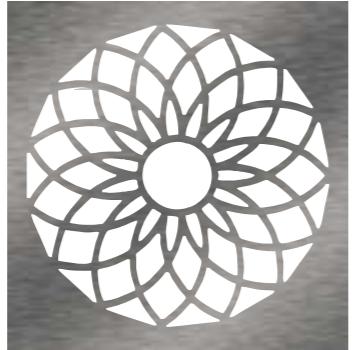




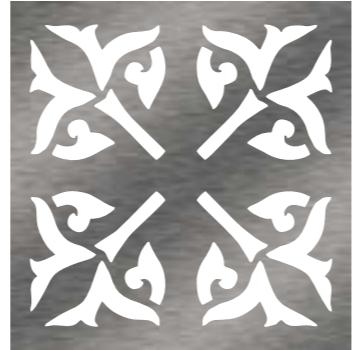
Dekoratif Tavanlar
Decorative Ceilings



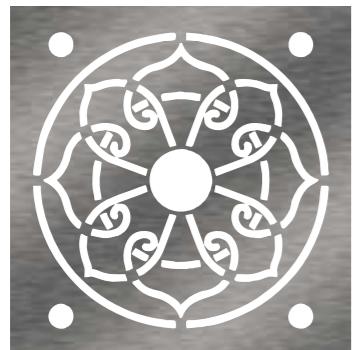
HS T015



HS T018



HS T019



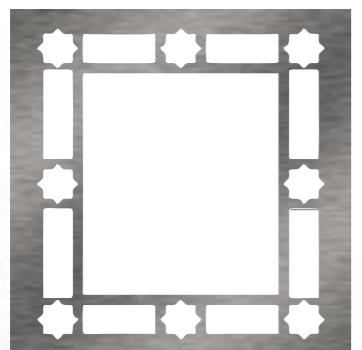
HS T021



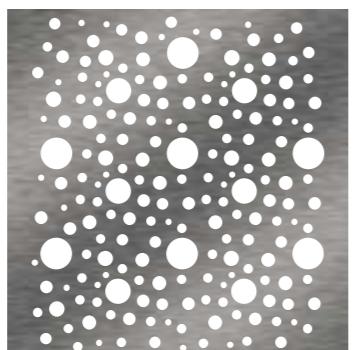
HS T022



HS T023



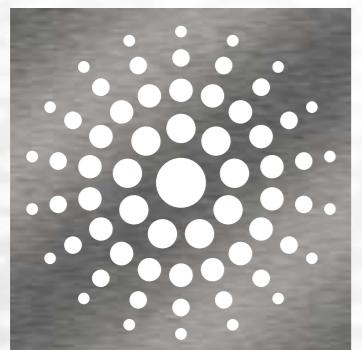
HS T024



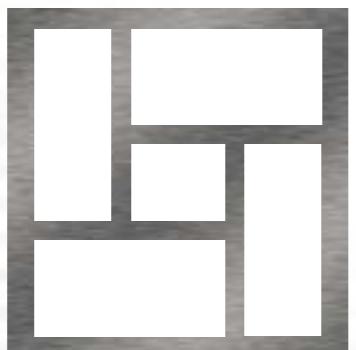
HS T025



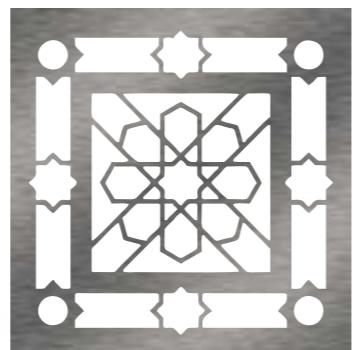
HS T026



HS T027



HS T028



HS T029

TAVANLAR CEILINGS



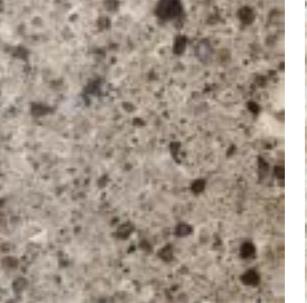
Granit Zeminler
Granite Floors



580 Kromit



759 Savana



328 Nevers



332 Lapaz



HS Z004 Hisar Gri



HS Z003



900 Lapland

PVC Zeminler
PVC Floors



CF 210



CF 060



CF 4173

ZEMİNLER FLOORS

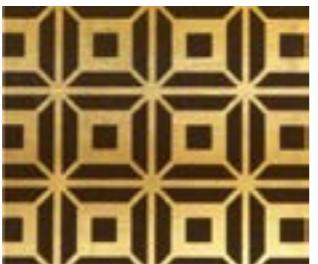


PASLANMAZ KAPLAMALAR DECORATIVE STAINLESS

Dekoratif Paslanmaz Kaplamalar
Decorative Stainless



HS mirror ti-gold



HS mirror ti-gold (cx41)



HS mirror ti-gold (cx82)



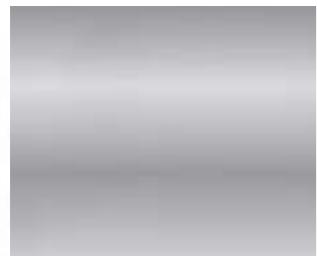
HS mirror ti-gold (cx26)



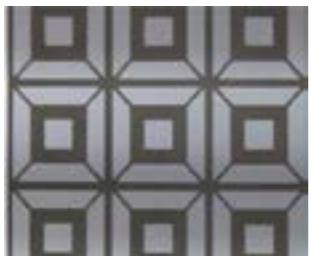
HS mirror ti-gold (cx37)



HS mirror ti-gold (cx08)



HS mirror



HS mirror (cx41)



HS mirror (cx82)



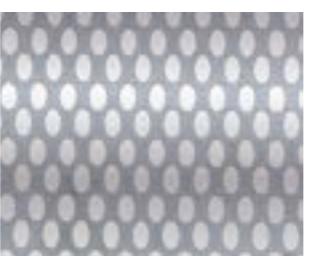
HS mirror (cx26)



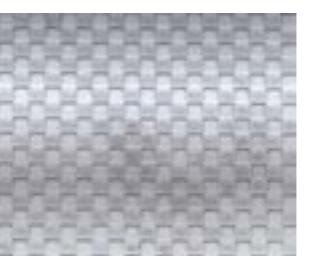
HS mirror (cx37)



HS mirror (cx03)



HS mirror (cx58)



HS mirror (cx99)



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Ankara Cad. 13. km No: 77 16450 Kestel BURSA / TÜRKİYE

Tel: +90 224 373 10 00 Faks: +90 224 373 10 05

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