

TÜMSAN

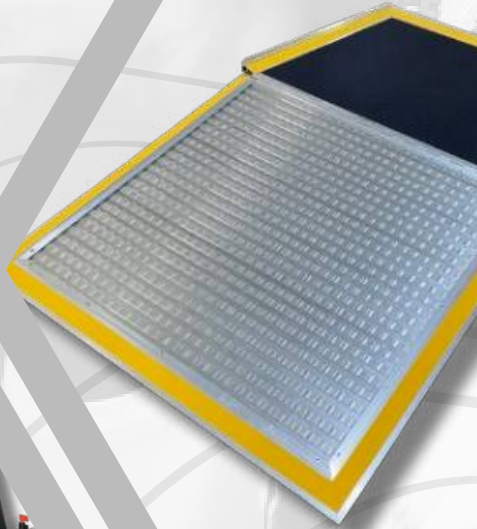
Passenger Lifts

CATALOGUE

2026

“Equal Opportunities, No Obstacles!”

WE SUPPORT a social understanding that can overcome any obstacles.





About Company

COMPANY PROFILE PRESENTATION

Tümsan Automotive Industry Ltd. was established in 2019 in a 400 square meter plant to be your supporter in all commercial vehicle projects by being a solution partner in every field of the automotive industry. Our main field of activity is to find new and permanent solutions for all commercial vehicles, to create different, original industrial designs for vehicles for personal and corporate needs, and to finalize these projects and create final products. We are rapidly progressing towards becoming a well-known brand in the international market with our projects implemented using our existing experience.

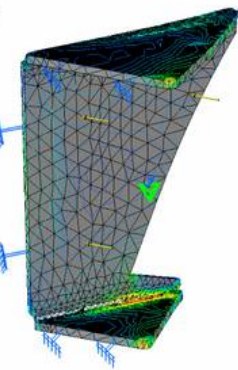
Our company has proven to be a very competitive and strong partner in its field. Our aim is to respond to sectoral needs with our projects that have the flexibility to adapt to the special demands of our customers, while preserving our intellectual capital by knowing the value of knowledge and experience. Tümsan Automotive Industry Ltd. as the basic principle of our development and progress; We have now expanded our production field to 650 square meters, and have targeted much more. We know the importance of total quality management, identification of new market needs and continuous improvement processes. We attach importance to the economic and social development of our society by undertaking the mission of environmental health, worker health and production in accordance with international standards in the production process.



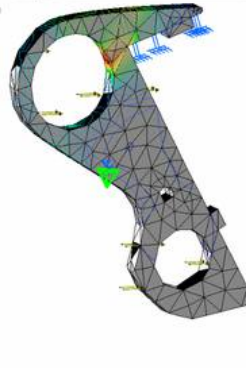
Research & Development

- Our main field of activity is to find new and permanent solutions for all commercial vehicles, to create different, original industrial designs for vehicles for personal and corporate needs, and to finalize these projects and create final products. In this process, we aim to be a bridge in our supplier bond with you, our valued customers, and create solution-oriented projects in collaboration with the end user.
- All products are complaint to the Directive 2001/95/EC

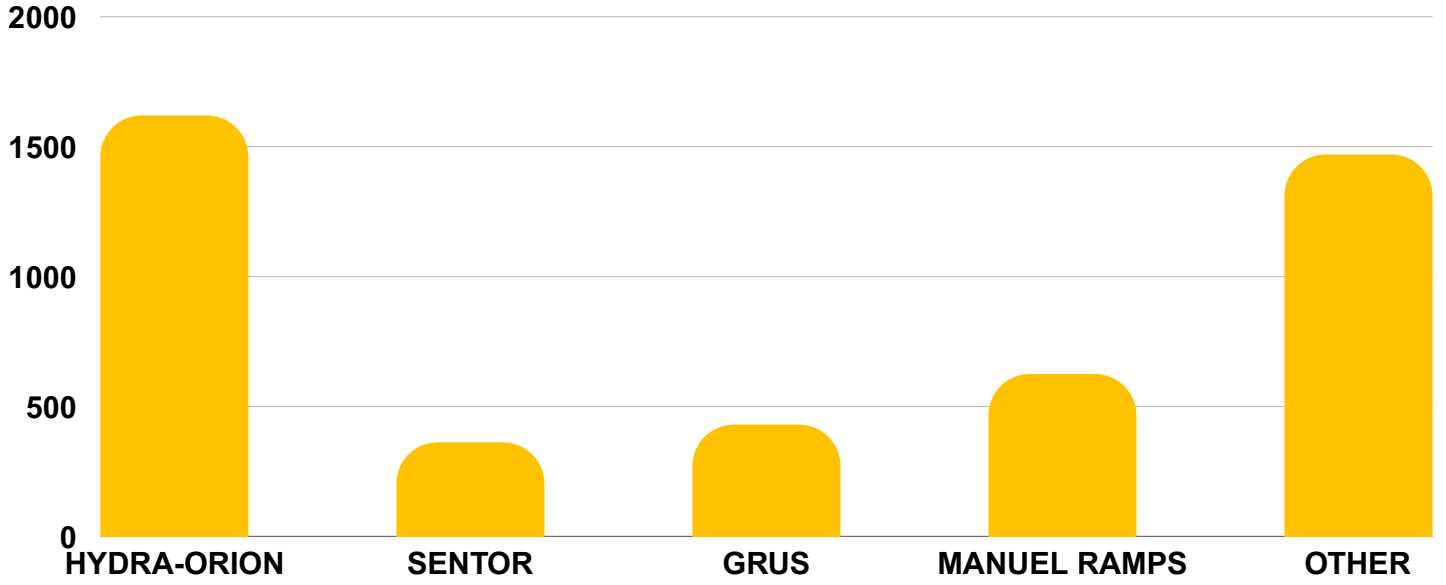
Von Mises stress (modal values),1
N/mm²
1.49e+007
1.46e+007
1.4e+007
1.35e+007
1.3e+007
1.25e+007
1.21e+007
1.16e+007
1.12e+007
1.07e+007
1.03e+007
9.8e+006
9.34e+006
8.88e+006
8.42e+006
7.96e+006
7.5e+006
7.04e+006
6.57e+006
6.11e+006
5.65e+006
5.19e+006
4.73e+006
4.27e+006
3.81e+006
3.35e+006
2.89e+006
2.42e+006
1.96e+006
1.5e+006
1.04e+006
On Boundary



Von Mises stress (modal values),1
N/mm²
2.73e+004
2.67e+004
2.57e+004
2.48e+004
2.39e+004
2.3e+004
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2.12e+004
2.03e+004
1.93e+004
1.84e+004
1.75e+004
1.66e+004
1.57e+004
1.47e+004
1.38e+004
1.29e+004
1.2e+004
1.11e+004
1.02e+004
9.25e+003
8.38e+003
7.42e+003
6.5e+003
5.55e+003
4.67e+003
3.76e+003
2.84e+003
1.92e+003
1.01e+003
92.2
On Boundary



- Our company has started its work by considering factors such as industrial design, aesthetics of products, ergonomics and usability. R&D studies in this field constitute an important part of the product development process. We continue our work on product development simulations by increasing the efficiency of this process.
- Additionally, thanks to simulations, we can predict how the product will behave under different conditions.
- In this way, product development simulations are of great importance during R&D studies in the field of industrial design. These simulations make the design process more efficient and cost-effective, contributing to higher quality and competitive products.



Sales figures are one of the most important indicators that determine the financial health of a business and its competitiveness in the market.

Annual sales chart is an effective way to visualize and analyze the performance of businesses. These charts provide critical information for making management decisions and determining future strategies. In this way, it provides a reference for our planned investments in the future, maintaining our competitiveness and market value.





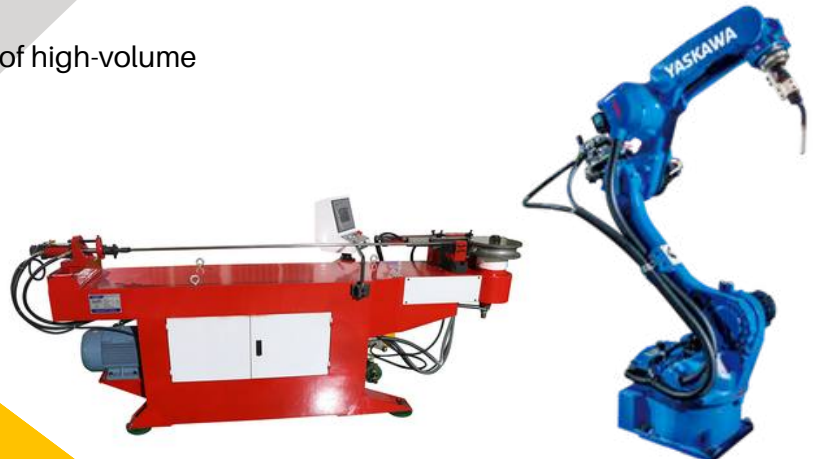
Production with industrial machines in our inventory is the cornerstone of modern production processes. These machines enable large-scale and high-efficiency production.

Industrial machines enable the production of large quantities of products quickly and efficiently. They increase the quality of products by producing with high precision.

Industrial machines easily adapt to the demands of high-volume production.

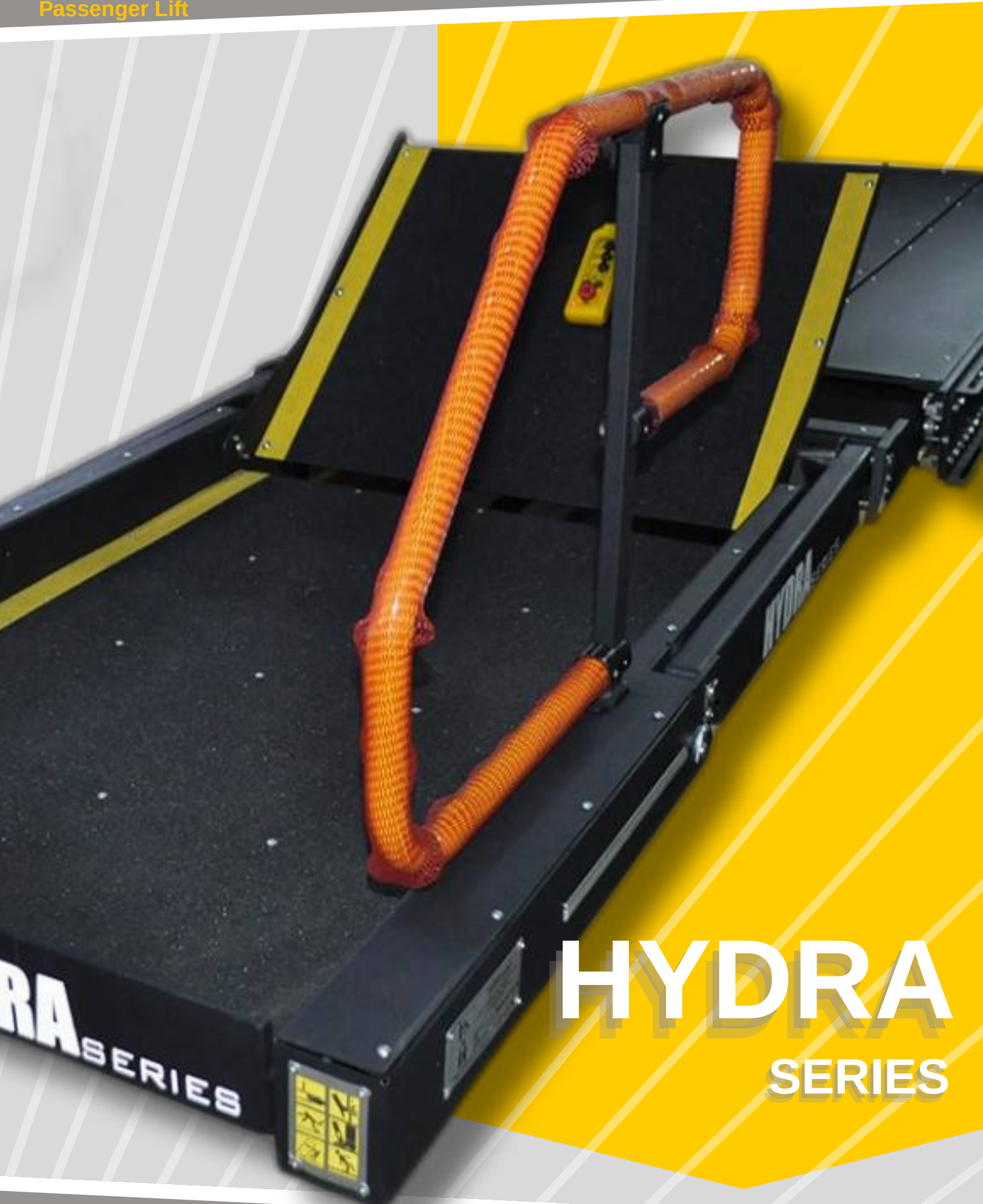
Some of the machines in our Machine Park;

- CNC Lathe 6 inch - 2
- CNC Lathe 8 inch - 1
- CNC Milling - 1
- Robot Welding - 1
- Bending Machine - 1



TÜMSAN

Passenger Lift



HYDRA SERIES

info@tumsan.com.tr



HYDRA 60

- This vehicle lift is a cassette-based, semi-/full automatic platform and is available in four specification levels. Specifically designed for minibuses and midibuses, it offers the lightest and most flexible solution on the market.
- It has the widest range of options available today and its flexible design ensures compatibility with all public transport, local authority vehicles and individual vehicles.



HYDRA 50



HYDRA 40

- This lift is stowed externally under the vehicle floor; the platform is compact and unobtrusive. When operated via the two-button circulation control, the lift platform will automatically deploy from the cassette. The automatic 'roll-off stop' ensures Maximum safety when lifting and lowering wheelchair passengers or loads.
- This powerful, highly competent wheelchair access Lift is compatible with the majority of bus designs and is a Guaranteed choice. Fully Compliant with Directive 2001/85/EC.



ORION



HYDRA 60



HYDRA 60



HYDRA 40



HYDRA 40



HYDRA 60



HYDRA 40



HYDRA 50



HYDRA 40



HYDRA 60



ORION PLUS



HYDRA 60



ORION PLUS



HYDRA 70

- This vehicle lift is a cassette-based, semi-/full automatic with a larger platform and is available in four specification levels. Specifically designed for Specific type of vehicles such as Mobile Clinic vehicles. It also offers the lightest and most flexible solution on the market.
- This lift is developed and suitable to be fitted for side and rear installations.



HYDRA 70

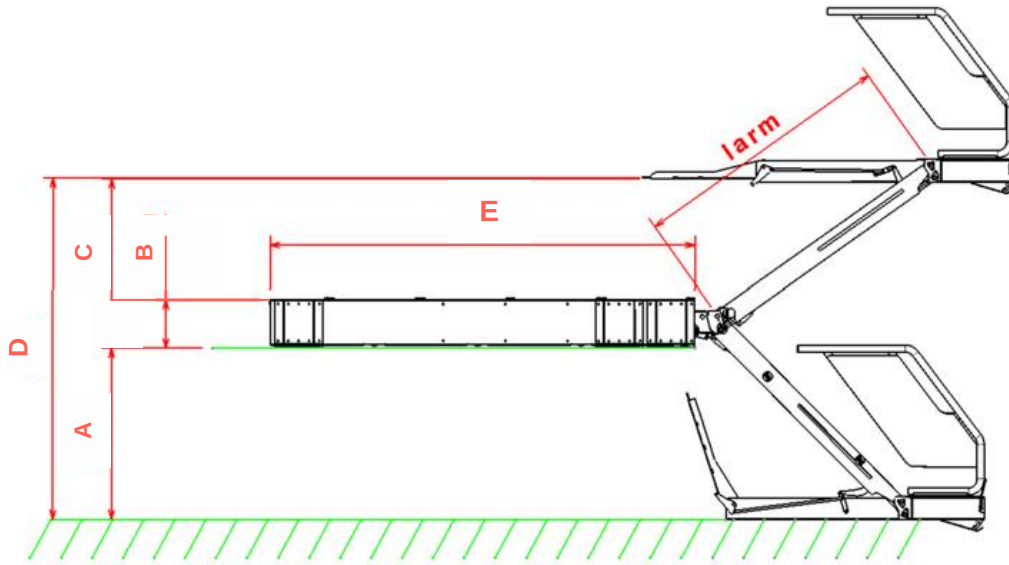


HYDRA 70



HYDRA 70

- This lift is stowed externally under the vehicle floor; the platform is compact and unobtrusive. When operated via the two-button circulation control, the lift platform will automatically deploy from the cassette. The automatic 'roll-off stop' ensures Maximum safety when lifting and lowering wheelchair passengers or loads.
- This powerful, highly competent wheelchair access Lift is compatible with the majority of bus designs and is a Guaranteed choice. Fully Compliant with Directive 2001/85/EC.



FITTING DIMENSIONS

SERIES	LARM	CAP KG	A MAX	B	C MIN.	C MAX	D	E	WEIGHT	VOLTAGE
ORION PLUS	490	300	190	130	250	320	640	660	110	12-24
ORION	690	300	270	140	260	395	670	945	120	12-24
HYDRA 40	790	300	550	140	260	400	950	1400	180	12-24
HYDRA 50	690	300	310	140	250	450	900	1770	220	12-24
HYDRA 60	1100	300	700	140	250	600	1340	1900	250	12-24
HYDRA 70	1300	300	950	140	250	670	1620	2400	280	12-24

TECHNICAL SPECIFICATIONS

ORION PLUS

LIFT STRUCTURE	METAL + ALUMINIUM
WORKING PRINCIPLE	ELECTRONIC + HYDRAULIC
RETRACTION IN / OUT	MANUEL
STANDARD PLATFORM DIMENSIONS	1200 X 800 MM
PLATFORM DETAILS	<ul style="list-style-type: none">• ANTI-SLIP SURFACE• FOLDING + SLIDING PLATFORM• MECHANIC ROLL-STOP• MANUEL BRIDGE PLATE
HANDRAILS	1 PCS, LEFT, FOLDING MANUALLY

ORION

LIFT STRUCTURE	METAL + ALUMINIUM
WORKING PRINCIPLE	ELECTRONIC + HYDRAULIC
RETRACTION IN / OUT	MANUEL
STANDARD PLATFORM DIMENSIONS	1200 X 800 MM
PLATFORM DETAILS	<ul style="list-style-type: none">• ANTI-SLIP SURFACE• FOLDING PLATFORM• MECHANIC ROLL-STOP• MANUEL BRIDGE PLATE
HANDRAILS	1 PCS, LEFT OR RIGHT, FOLDING MANUALLY

TECHNICAL SPECIFICATIONS

HYDRA 40

LIFT STRUCTURE	METAL + ALUMINIUM
WORKING PRINCIPLE	ELECTRONIC + HYDRAULIC
RETRACTION IN / OUT	MANUEL + AUTOMATIC
STANDARD PLATFORM DIMENSIONS	1200 X 800 MM
PLATFORM DETAILS	<ul style="list-style-type: none"> • ANTI-SLIP SURFACE • FOLDING PLATFORM • MECHANIC ROLL-STOP • MANUEL BRIDGE PLATE
HANDRAILS	1 PCS, LEFT OR RIGHT, FOLDING MANUALLY

HYDRA 50

LIFT STRUCTURE	METAL + ALUMINIUM
WORKING PRINCIPLE	ELECTRONIC + HYDRAULIC
RETRACTION IN / OUT	MANUEL + AUTOMATIC
STANDARD PLATFORM DIMENSIONS	1200 X 800 MM
PLATFORM DETAILS	<ul style="list-style-type: none"> • ANTI-SLIP SURFACE • SINGLE PLATFORM • AUTOMATIC ROLL-STOP WITH ELECTRIC MOTOR • MANUEL BRIDGE PLATE
HANDRAILS	2 PCS , LEFT AND RIGHT, FOLDING MANUALLY

HYDRA 60

LIFT STRUCTURE	METAL + ALUMINIUM
WORKING PRINCIPLE	ELECTRONIC + HYDRAULIC
RETRACTION IN / OUT	MANUEL + AUTOMATIC
STANDARD PLATFORM DIMENSIONS	1200 X 800 MM
PLATFORM DETAILS	<ul style="list-style-type: none"> • ANTI-SLIP SURFACE • SINGLE PLATFORM • AUTOMATIC ROLL-STOP WITH ELECTRIC MOTOR • MANUEL BRIDGE PLATE
HANDRAILS	2 PCS, LEFT OR RIGHT, FOLDING MANUALLY

HYDRA 70

LIFT STRUCTURE	METAL + ALUMINIUM
WORKING PRINCIPLE	ELECTRONIC + HYDRAULIC
RETRACTION IN / OUT	MANUEL + AUTOMATIC
STANDARD PLATFORM DIMENSIONS	1600 X 800 MM
PLATFORM DETAILS	<ul style="list-style-type: none"> • ANTI-SLIP SURFACE • SINGLE PLATFORM • AUTOMATIC ROLL-STOP WITH ELECTRIC MOTOR • MANUEL BRIDGE PLATE
HANDRAILS	2 PCS, LEFT OR RIGHT, FOLDING MANUALLY

TÜMSAN

Passenger Lift

SENTOR SERIES



SENTOR PLUS

info@tumsan.com.tr



- To meet the growing demands of global transport, we dedicate our knowledge and experience to the design and industrial production of innovative transport and mobility products.
- We continue production with original designs by meeting customer demands and eliminating quality problems under mass production conditions with ISO 9001:2015 certificate.



- "Sentor Plus Model Lift" is designed automatically for the driver and passengers, reducing the user installation load. It is the handicapped lift to be preferred with its long lift distance in standard door opening, ideal for both side and middle door applications."
- With its advanced Sentor Plus Model Lifts design, it has become the choice of passengers with mobility difficulties, drivers in the community, transportation and transportation companies, school vehicles and OEM companies.

LIFT STRUCTURE	METAL STEEL
WORKING PRINCIPLE	ELECTRONIC + HYDRAULIC
RETRACTION IN / OUT	AUTOMATIC
PLATFORM DIMENSIONS	1400 X 800 MM

PLATFORM DETAILS

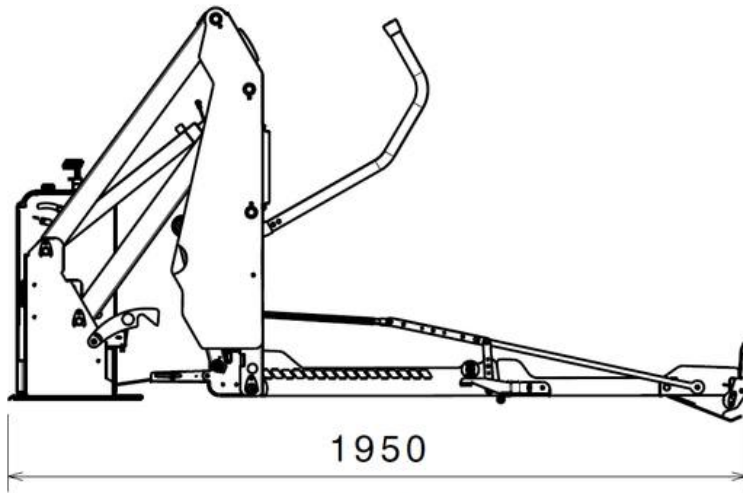
- FOLDING PLATFORM
- MECHANIC ROLL-STOP
- AUTOMATIC BRIDGE PLATE
- ANTI-SLIP SURFACE

HANDRAILS	2 PCS, LEFT OR RIGHT, FOLDING AUTOMATIC
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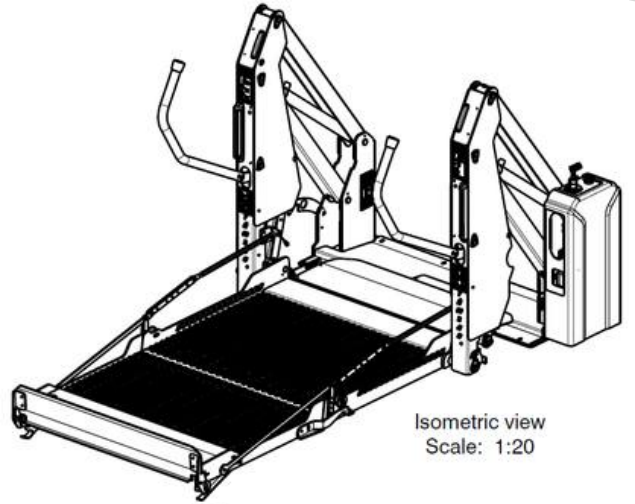
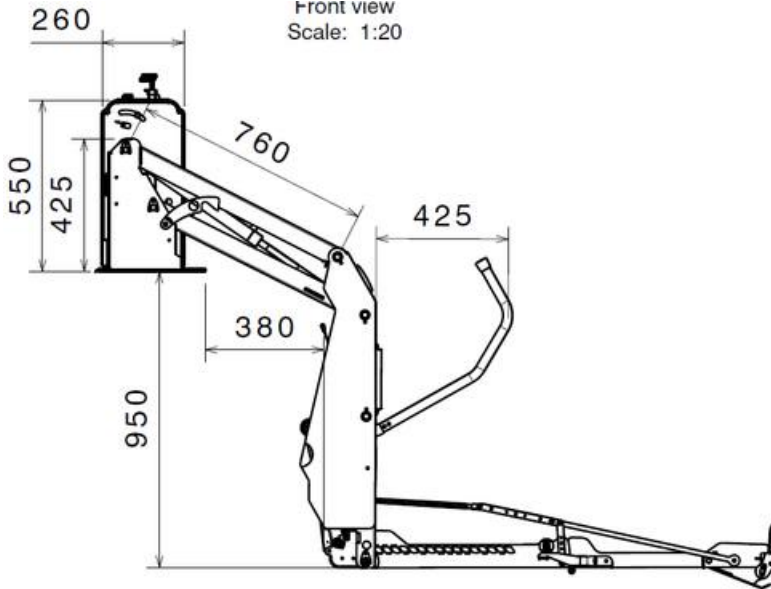
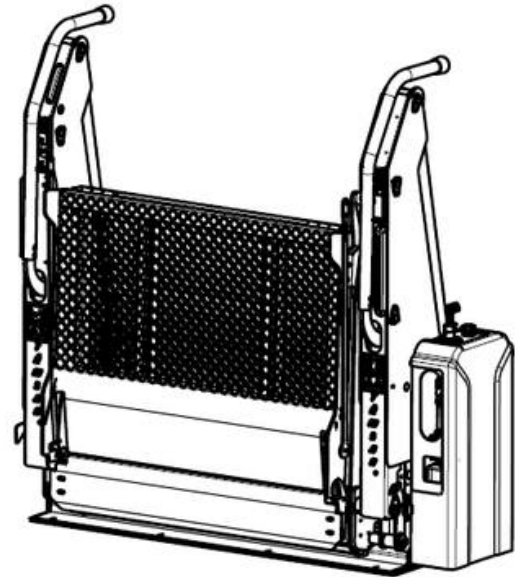
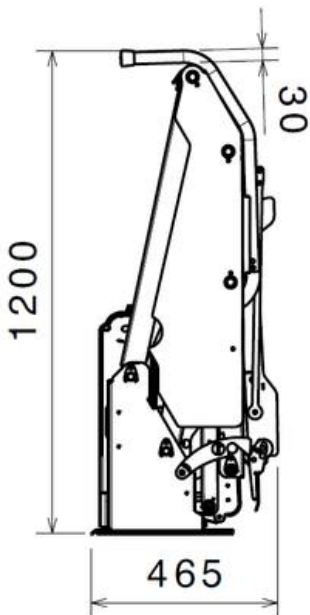
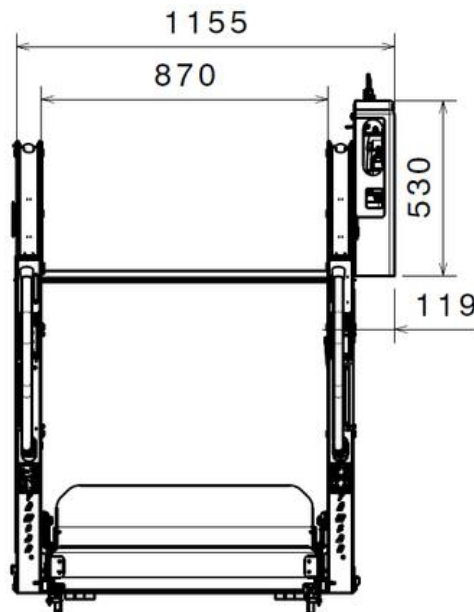
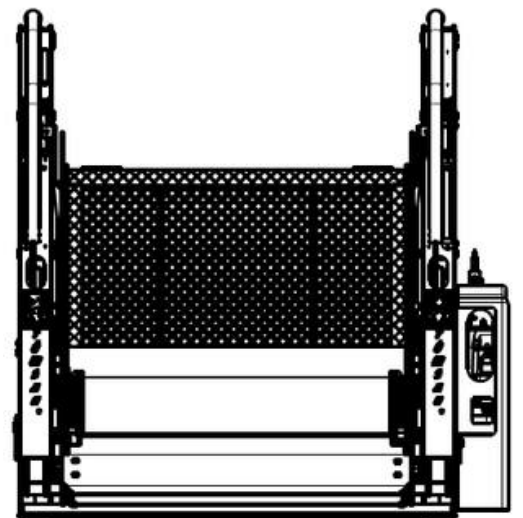




300 kg lifting capacity with strength and static structure, with specially selected steel alloys.



Front view
Scale: 1:20



- Grus series lifts have been working successfully in countless vehicles for many years. It is quite practical with its rotating platform structure. It is preferred because it can be stacked next to or behind many vehicles in minimum space. It takes up minimum space except when needed with its compact structure. Thanks to its bearing lifting system, it has maximum durability that does not require maintenance.

GRUS SERIES

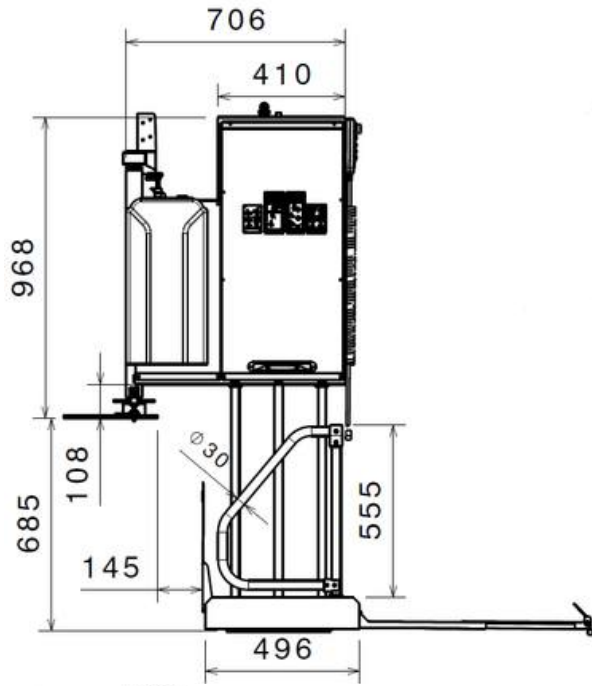
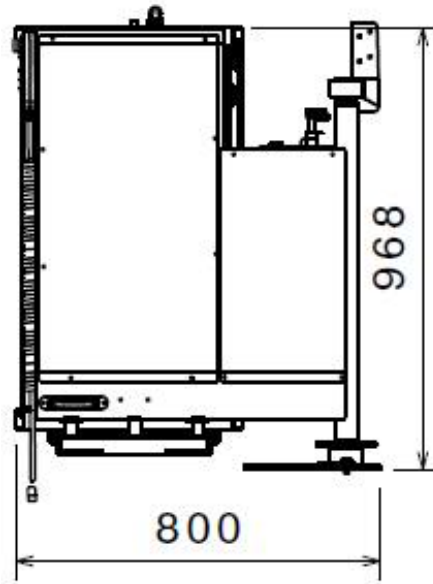
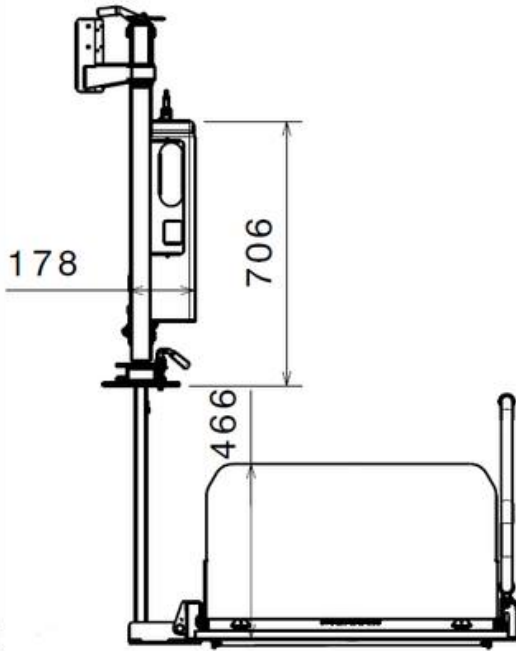
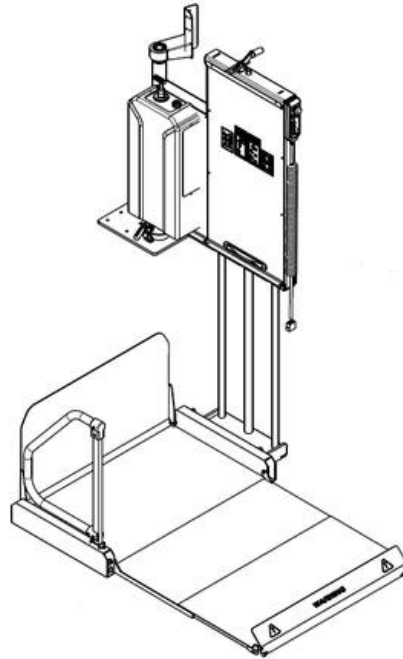
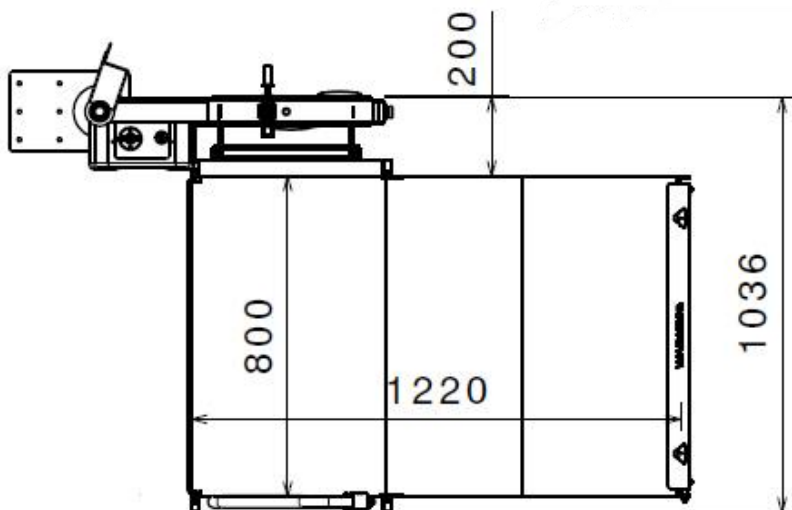
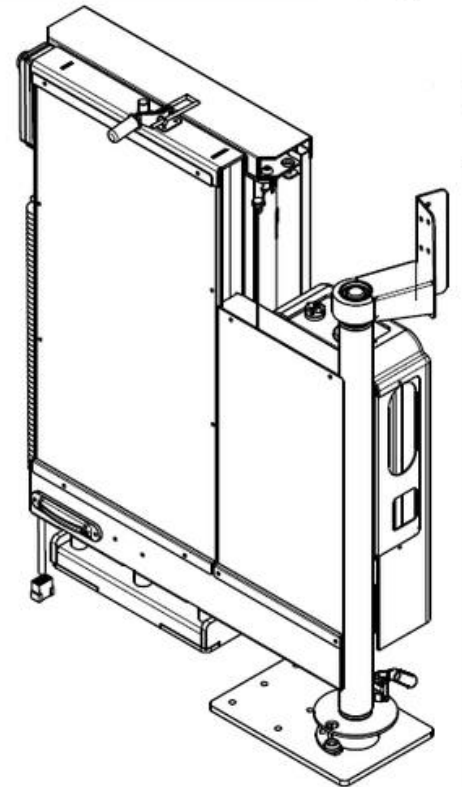


- Allows manual use in emergency situations. Simple and easy to install.



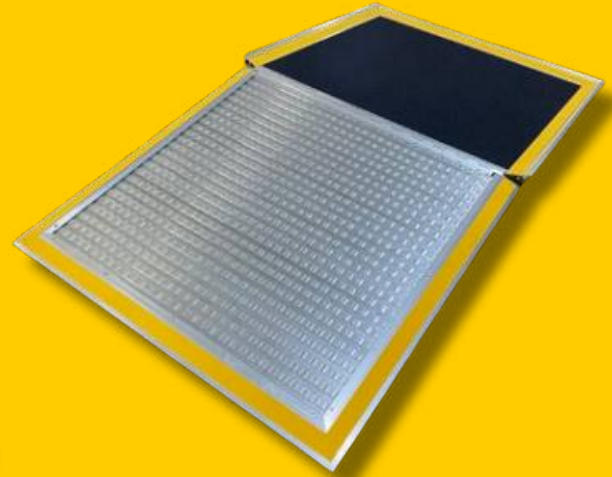
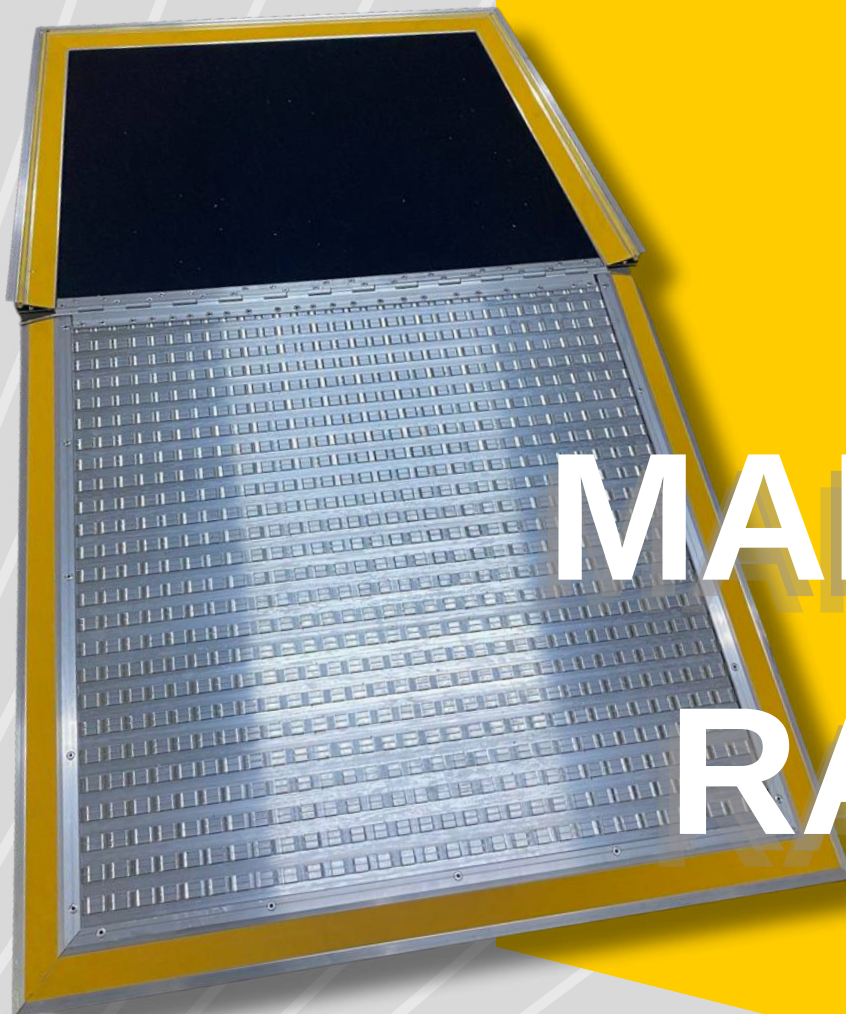


- A rotating lift that folds back to save space.
- 300 kg lifting capacity.
- 1200x800 platform area.
- With locking mechanism for high security.



TÜMSAN

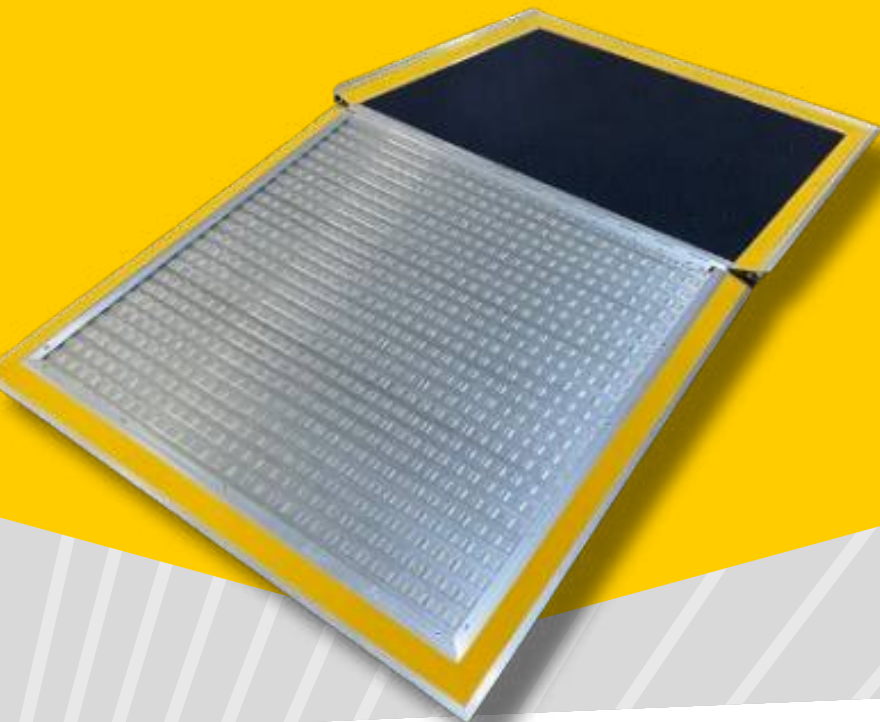
Passenger Lift

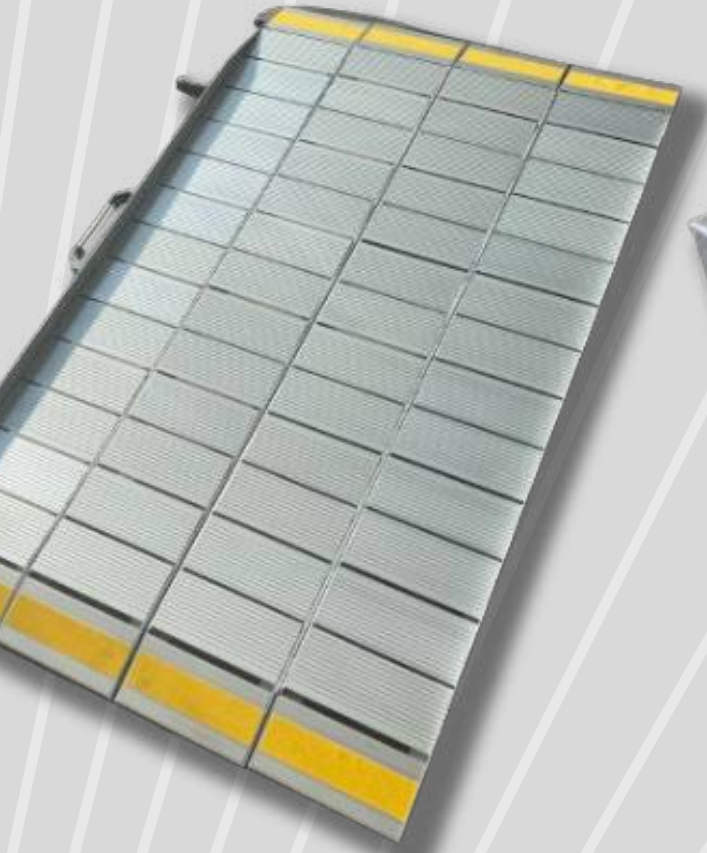
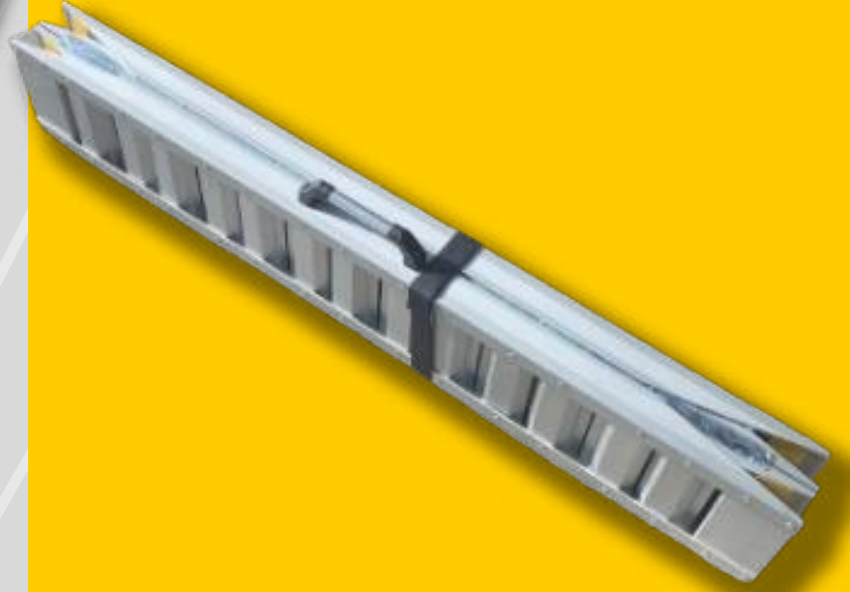


MANUEL RAMP

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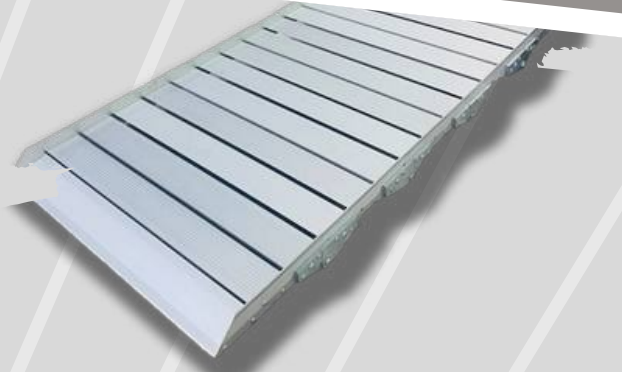
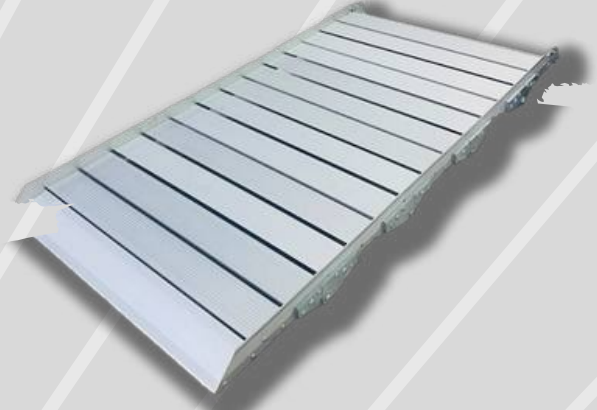
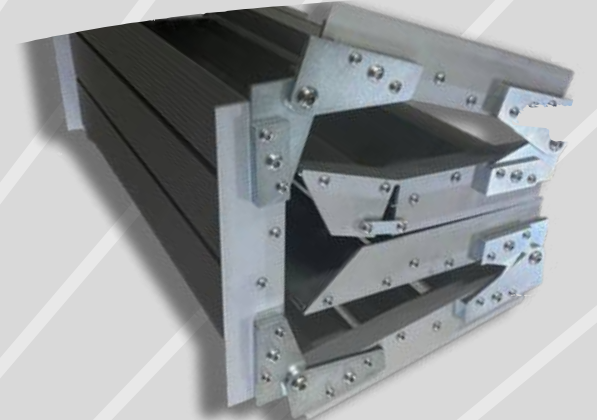
- Universal concept design suitable for many vehicles, which can be applied with easy assembly.
- With a fully compatible installation on the vehicle base, it allows for different sizes and customization.
- Lightweight and durable design that can be embedded onto the vehicle floor
- Completely produced with Aluminium and Stainless Steel.
- Open and close state proximity sensor.
- Anti-Slip Surface





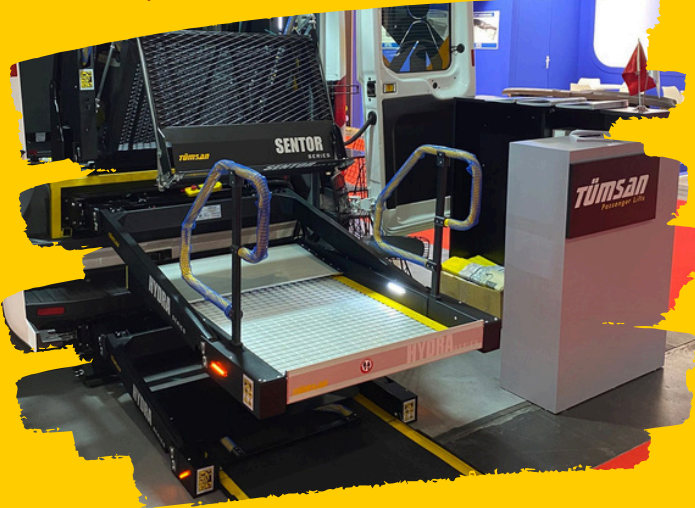
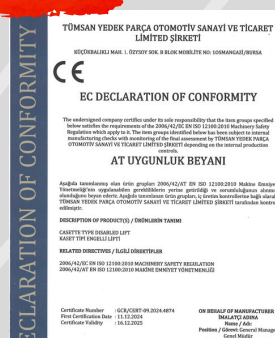
PORTABLE RAMP

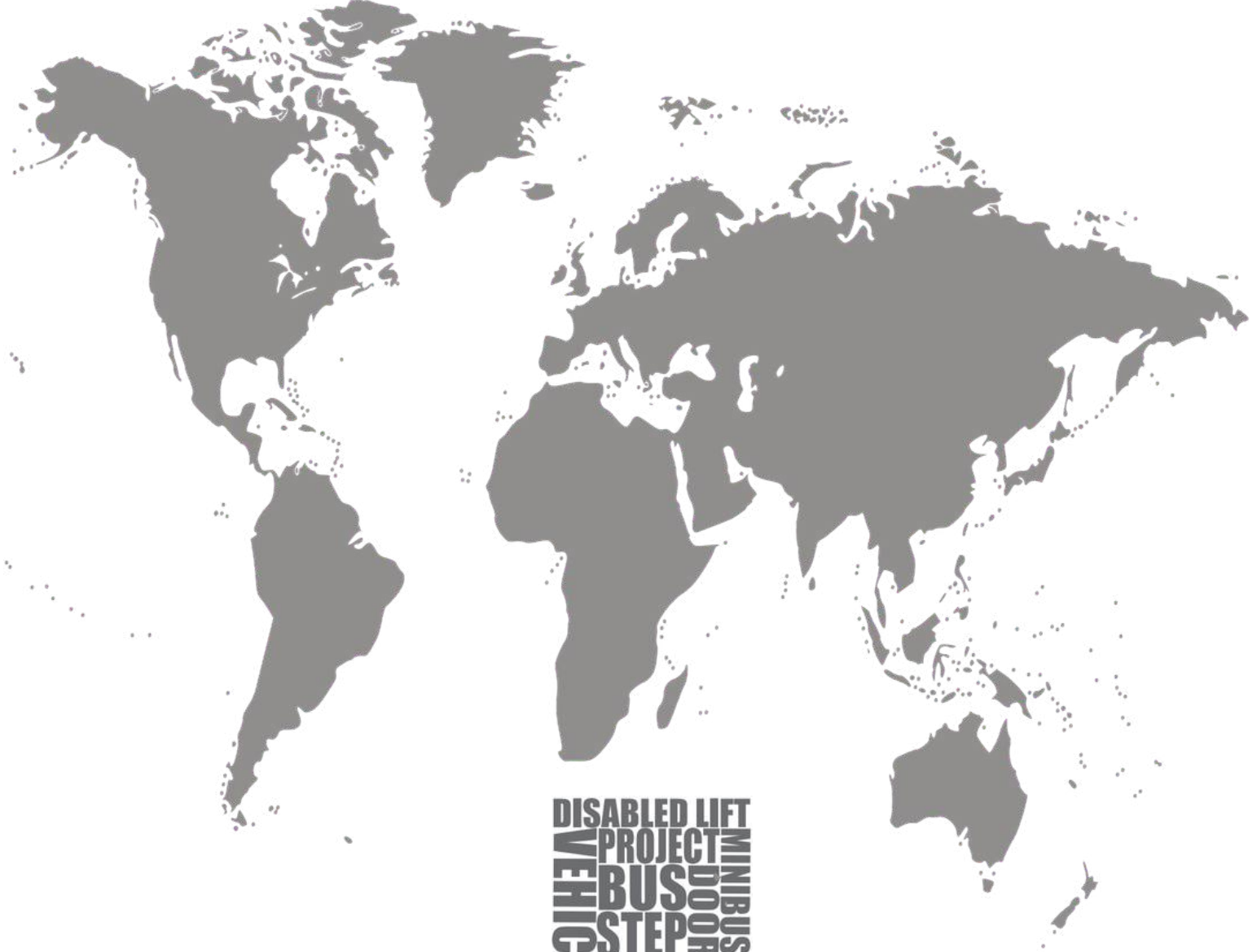
- The ramp can be easily moved by folding to two. Does not require any installation process.
- Completely produced with Aluminium and Stainless Steel material
- The ramp that does not require installation: The reclining system is adjustable and has four alternative positions to adapt perfectly to different vehicle heights.
- Anti-Slip Surface



- With our inhouse development and manufacturing we can develop individual tracks according to your specification needs.
- Our seat rails can be supplied to lengths upto 5500mm.
- Special surface treatment applied.
- Material selected 6063 series.
- Easy and ready to install.







DISABLED LIFT
PROJECT
VEHICLE
BUS DOOR
STEP
SYSTEMS

TÜMSAN

Passenger Lift

OTİMER TİCARET MERKEZİ 1.ÖZSOY SOK.
B BLOK NO:1C KÜÇÜKBALIKLI MAH.
OSMANGAZİ BURSA TÜRKİYE
+90 224 216 16 22