



THE ART OF SPORTS
STARTS WITH **THE RIGHT SOLUTIONS**

elan

**SEATING SYSTEMS
BENCHES AND SEATS
RAILINGS**

@elaninventa

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SEATING SYSTEMS

Our seating systems can accommodate a wide range of seat options varying in material, model and type.

Our seating systems include a variety of seat types and various colours for architect's selection. All seats supplied by the manufacturer are stable and safe, complying to high material standards.

Regulations in standards:

- EN 13200, which specifies design and management requirements for spectator facilities at permanent and temporary venues including sport stadia, sport halls, and other indoor and outdoor facilities;
- ISO 3834, which applies to controlled manufacture of metal structures;
- ISO 14001, which specifies environmental management requirements;
- and ISO 9001 for quality assurance in design, development, production, supply, installation and servicing.



ARENA STOŽICE LJUBLJANA, SLOVENIA

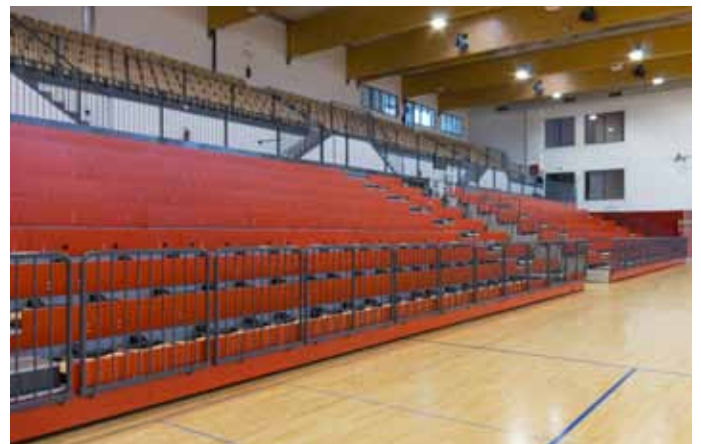
ARENA TRIBUNES

- Configured to suit venue architecture and the customers' wishes.
- Arena telescopic stands feature corner system solutions, vomitories, standing places, press desks, partial opening/closing, and ventilation holes for enhanced air circulation.
- Fully tailored to the wishes of the investor and designer, with a wide range of accessories and extras.

See pages 3 and 4 for more references.



PLANINA PRI SEVNICI SLOVENIA



HOČE SLOVENIA

BASIC TRIBUNES

- The simplest telescopic stand unit.
- The length of the block is 5 or 6 m, row depth 75 or 80 cm and riser 38 cm.
- Seating is attached to the front end of the row.
- Types of installation: against a wall, under a balcony.

PRO TRIBUNES

- A range of accessories and a variety of types best suited to the available space.
- Available accessories: electric drive, front and rear guardrails, a variety of side covers, a wide range of seating options.
- Against a wall, under a balcony.



TEATRO TRIBUNES

- Telescopic seating for theatres, conference halls, cinemas, lecture rooms with 75 to 95 cm row depth for enhanced comfort.
- All ends and contacts are rubber-capped to reduce noise.
- Available solutions include corner and concave systems and feature ventilation holes, PVC or textile-covered platforms, and aisle lighting.
- A wide range of upholstered seats with armrests and/or desks; diverse railing options.

TRANSFLEX TRIBUNES

- Self-standing telescopic stands need no floor or wall attachment.
- In addition to easy storage, the bleachers are transportable.
- A seating block can be divided into two separate units.
- Fitted with an internal staircase accessed from the rear.
- Optional indoor bleachers with a telescopic staircase.



TRANSFLEX

MOBILE.
COST-
EFFECTIVE.
FLEXIBLE.

MANUFACTURED TO THE STRICT STANDARDS FOR SPECTATOR FACILITIES, EN 13200 AND DIN 18032.

AT OVER TWO MILLION EUROS, THE TRANSFLEX PROJECT IN LEIPZIG IS ONE OF THE BIGGEST PROJECTS EVER UNDERTAKEN BY ELAN INVENTA.

Leipziger Messe, Germany (Photo: Lutz Zimmermann)

LEIPZIGER MESSE, GERMANY

The seating system consists of 12 identical units / blocks, each with 360 seats, pushing the total number of seats to over 4,300.

Its extreme flexibility and ability to create multiple configurations, TransFlex can accommodate a variety of purposes ranging from concerts to sports, cultural and

entertaining events.

The most important advantage of TransFlex is its mobility. When closed, each stand unit only measures 2.3 metres in width, and can be moved from one location to another using a specially designed trailer.

TransFlex units are free-standing, equipped with lit retractable staircases. The fact that stairs can also be fitted at the back of the units adds yet another revolutionary feature to this state-of-the-art design.



THE ULTIMATE FLEXIBLE SEATING

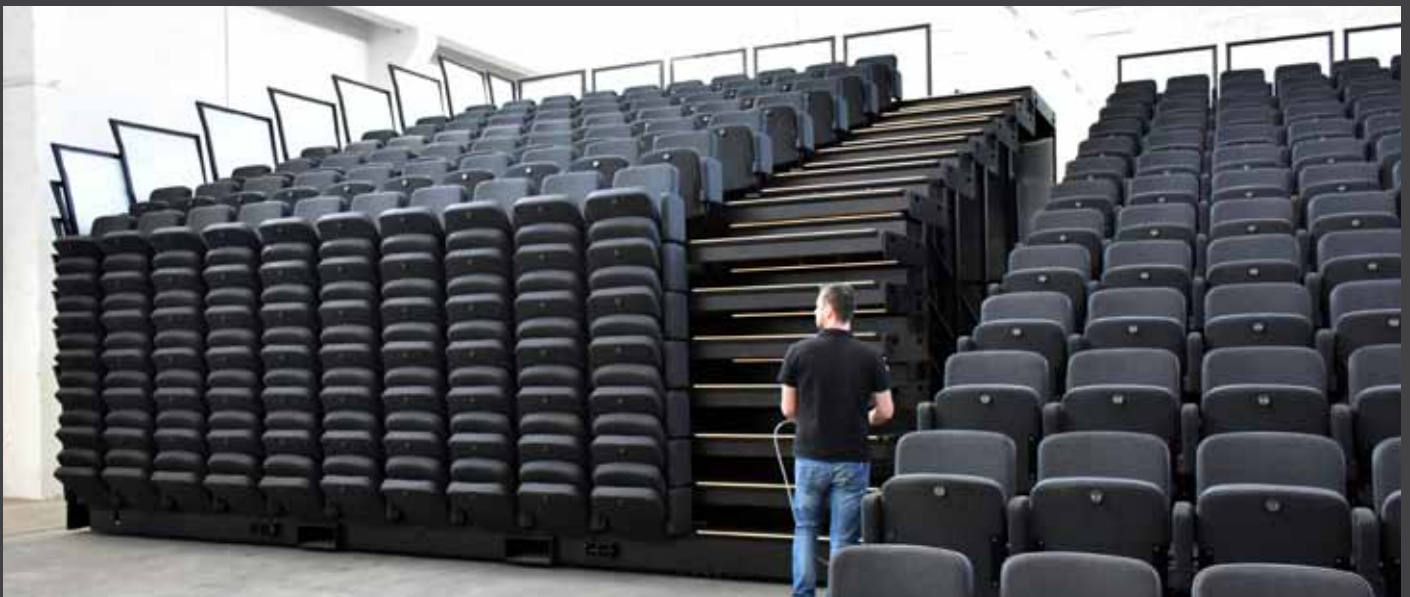
THE ARENA HOSTS A VARIETY OF EVENTS INCLUDING CONCERTS, BUSINESS CONFERENCES AND EXHIBITIONS.

BIRMINGHAM ARENA, GREAT BRITAIN

Whatever the number of spectators or layout desired, you can configure our retractable tiered seating into the shape you want to suit your event. Co-ordinating perfectly with flat

floor seating, all 7 stylish tribunes are completely mobile and can be used in any hall providing ultimate flexibility.

- 7 tribunes of 273 seats.
- Detachable rear loading staircase.
- LED lighting on stairs.
- Wood effect panels on rear.
- Smart padded and upholstered seats. Fully carpeted throughout.



MINI BLEACHERS PROVIDE SEATING UP TO THREE ROWS. CAN BE ATTACHED TO A WALL OR TRANSPORTABLE, WITH AN INNOVATIVE STORAGE SYSTEM.

CABINET AND TIP&ROLL BLEACHERS

CABINET BLEACHERS

- Designed, engineered and manufactured as an ideal solution for small-size spectator facilities when available space prevents installation of larger stands.
- Modules, 2 m in length, can be placed next to each other.
- Each module seats at least 12 persons.
- A closed cabinet bleacher can be finished with an acoustic panel or soft wall padding into an attractive wall panel, with no sharp edges, which adds to the safety of the venue.
- Easy to handle.



VOJNIK SLOVENIA



ZAGRADEC SLOVENIA



SLOVENSKA BISTRICA SLOVENIA

TIP&ROLL BLEACHERS

- Free-standing metal structure with integrated casters and an innovative storage system.
- Intended for use in closed spaces (e.g. school gyms, classrooms, multi-purpose rooms).
- The bleacher is composed of 5 different wheeled modules of a total length 8.5 m.
- Designed, engineered and manufactured to ensure simple handling and economical storage.
- A bleacher set is composed of 5 bleacher units of different sizes (four seating blocks and a staircase) providing a seating area for 50 people.





SLOVENSKA BISTRICA, SLOVENIA

DEMOUNTABLE STANDS ARE FREE-STANDING METAL STANDS OF RATIONAL STRUCTURE, WHICH CAN BE ASSEMBLED OR DISASSEMBLED IN A VERY SHORT TIME.

DEMOUNTABLE STANDS

- Intended for use in outdoor sports venues and games areas as well as indoor sports facilities, event venues, theatres, etc.
- Can be expanded to suit increased needs.
- The stand is manufactured to the requirements of SIST EN 13200-1, 2, 6, EN 191-1-1 Eurocode 1, EN 1991-1-4 Eurocode 1.
- Fully coated with anti-corrosion protection, the stand is suitable for outdoor and indoor use.
- Fitted with an innovative system for fast and simple assembly and disassembly.
- Seats are ergonomic, with or without backrest, surface treated with UV protection, and tested to EN 12727:01.
- UV protection, tested by the Slovenian National Civil and Engineering Institute in Ljubljana.



WORLD ROWING CHAMPIONSHIP BLED, SLOVENIA



LESCE SLOVENIA



PODČETRTEK SLOVENIA

BENCHES, SEATS AND RAILINGS

OUR SEATING SYSTEMS CAN ACCOMMODATE A WIDE RANGE OF SEAT OPTIONS VARYING IN MATERIAL, MODEL AND TYPE.

OUR SEATING SYSTEMS INCLUDE A VARIETY OF SEAT TYPES AND VARIOUS COLOURS FOR ARCHITECT'S SELECTION. ALL SEATS ARE STABLE AND SAFE, COMPLYING TO HIGH MATERIAL STANDARDS.





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BENCHES AND SEATS

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BASIC BENCH
ERGO BENCH

BENCHES

BASIC BENCH

- Basic bench is a flexible and elegant solution for indoor facility seatings.
- Installation on fixed or telescopic bleachers is possible.
- It is available in beech plywood, MDF boards or veneered chipboard panels.

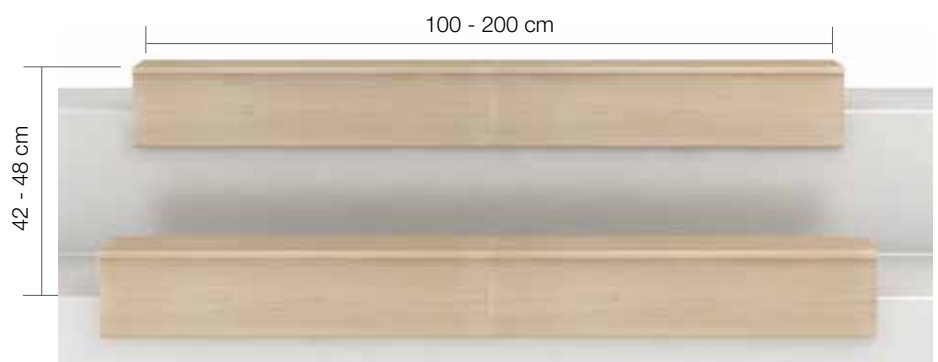
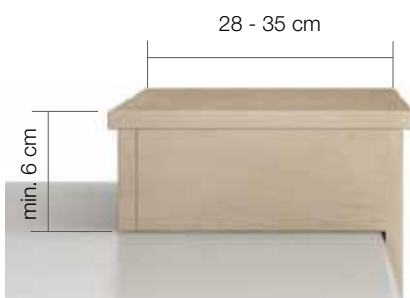


FEATURES

- Thickness of 18 mm, where all visible edges are rounded with a radius of 5 mm.
- Screwed on a substructure with hot-dip galvanized clamping screws.
- Usable on bleachers with height increments from 30 to 45 cm.
- Usable on bleachers with depth increments from 75 cm to 90 cm.
- Coated with a low-flammable lacquer according to DIN 4102 class B1.
- Made in accordance with EN 13200-1 and EN 13200-4.

OPTIONS

- Available in beech plywood, MDF boards or veneered chipboard panels.
- Installation on telescopic or fixed bleachers possible.
- Upholstered seating part of the bench.
- Possible choice of different colours for benches and upholstery.
- Possible installation of a folding backrest (image left).



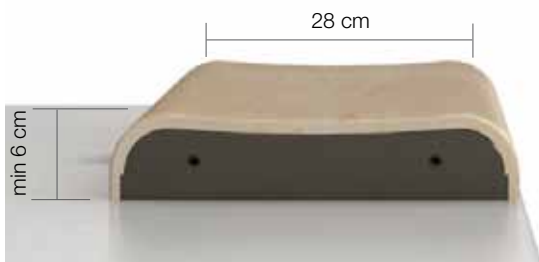


ERGO BENCH

- It supplements the basic bench with ergonomic seating area, without compromising the flexibility and elegance.
- It is an exquisite solution for indoor facility seatings.

FEATURES

- Made of beech plywood of a thickness 10 mm.
- Glued and screwed on a substructure with hot-dip galvanized clamping screws.
- Coated with a low-flammable lacquer according to DIN 4102 class B1.
- Made in accordance with EN 13200-1 and EN 13200-4.
- Usable on bleachers with height increments from 30 to 42 cm.
- Usable on bleachers with depth increments from 75 cm to 90 cm.



OPTIONS

- Possible floor mounting or mounting on bleachers (fixed or telescopic).
- Possible choice of different colours for benches.



TABO
AUBA
GOLD
ERGO

SEATS

TABO

- Tabo is a multifunctional seat made of durable wooden plywood, suitable for indoor facilities of medium and large size.
- It is available with fixed or hinged seating.
- Installation on base or directly on bleachers possible.



FEATURES

- Folding wooden chair.
- Hinged seating on metal mechanism.
- Beech plywood thickness of seating and backrest 10 mm.
- Coated with a low-flammable lacquer according to DIN 4102 class B1.
- Made in accordance with EN 13200-1 and EN 13200-4.
- Seats are linked to each other for piling up in series.
- Usable on bleachers with height from 28 to 40 cm.
- Increment minimum 80 cm.

OPTIONS

- Installation on telescopic or fixed bleachers possible.
- Installation with base on any subsurface possible.
- Installation on telescopic bleachers on the front or the rear of the walking platform possible.
- Upholstering with durable textile (stands min. 90.000 turns) made of low-flammable materials.
- Possible choice of various colours for seats and upholstery.
- Upholstering in accordance with EN1021-1 (low-flammable materials).





AUBA

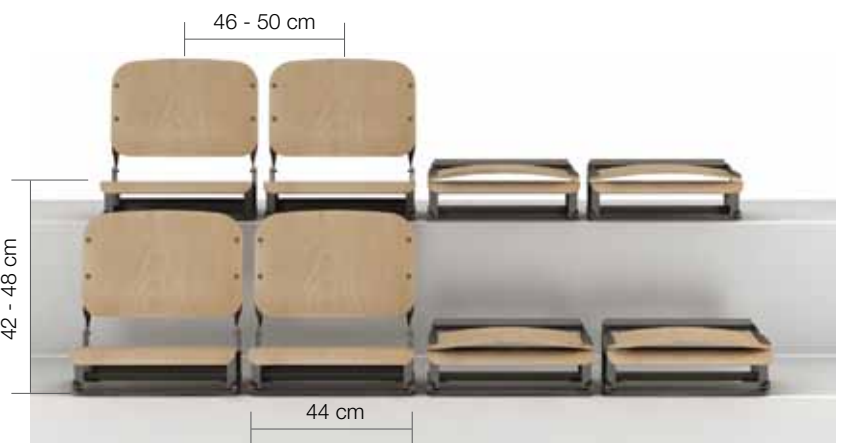
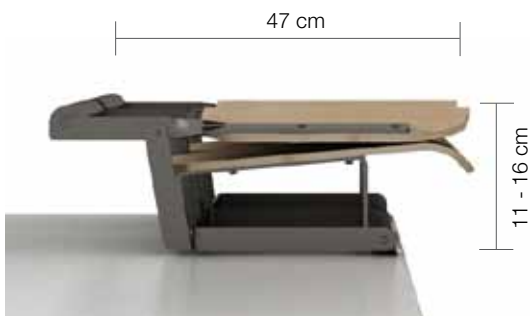
- Auba is a durable, multi-purpose seat with a reliable mechanism for automatic set-up and folding.
- It is available with fixed or hinged seating.
- Installation directly on bleachers possible.

FEATURES

- Folding wooden chair.
- Hinged seating on metal mechanism.
- Beech plywood thickness 10 mm.
- Coated with a low-flammable lacquer according to DIN 4102 class B1.
- Made in accordance with EN 13200-1 and EN 13200-4.
- The seat is automatically set up and folded.
- Mounted on the front of the telescopic bleacher walking platform.

OPTIONS

- Installation on telescopic or fixed bleachers possible.
- Upholstering with durable textile (stands min. 90.000 turns).
- Possible choice of different colours for seats and upholstery.
- Also available with hinged seating.
- Also available with fixed backrest.





GOLD

- Gold is a durable, multi-purpose seat set on a base.
- It is available with hinged seating.
- Suitable for indoor facilities of medium and large size.
- Installation directly on the base.

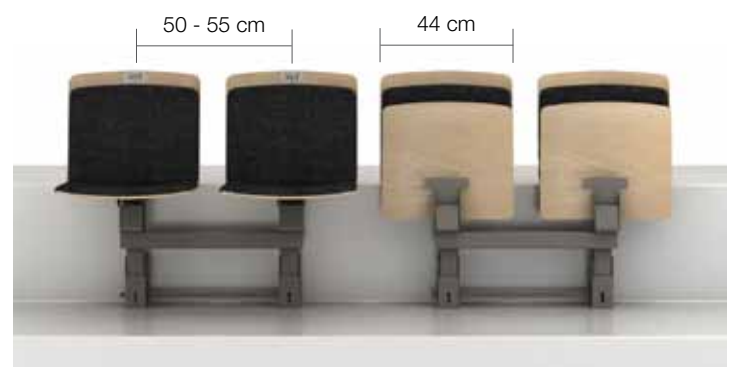


FEATURES

- Folding wooden chair on the base.
- Hinged seating on metal mechanism.
- Beech plywood thickness 10 mm.
- Coated with a low-flammable lacquer according to DIN 4102 class B1.
- Made in accordance with EN 13200-1 and EN 13200-4.
- Seats linked to each other for piling up in series.
- Upholstering with durable textile (stands min. 90.000 turns) made of low-flammable materials according to EN 1021-1 possible.
- Usable on bleachers with depth increments from 75 cm to 90 cm.

OPTIONS

- Selection of different colors of seats and upholstery.
- Client's logo embroidery on the backrest possible.
- Number plate on the seat's backrest.





FEATURES

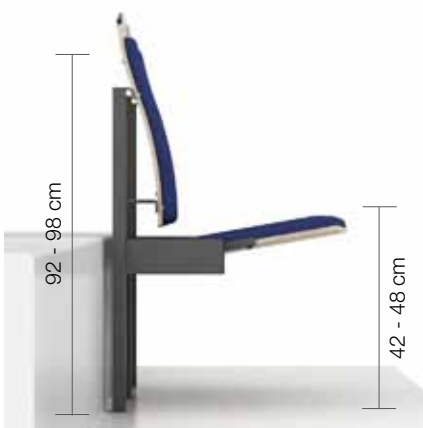
- Folding wooden seat fixed to the metal casing made in accordance with EN 1090-2 in EXC2-quality.
- Hinged seating on metal mechanism.
- Available with hinged seating with a system against weights.
- Suitable for indoor facilities of medium and large size, for the most part it mounted in the back rows.
- Beech plywood thickness 10 mm.
- Width of the seating surface from 42 to 47 cm.
- Coated with a low-flammable lacquer according to DIN 4102 class B1.
- Made in accordance with EN 13200-1 and EN 13200-4.
- Axial distance between seats from 49 to 55 cm.
- When folded occupies a space about 26 cm.
- Upholstering with durable textile (stands min. 90.000 turns) made of low-flammable materials according to EN 1021-1 possible.
- Usable especially on fixed bleachers with depth increments from 75 cm to 90 cm.

ERGO

- Ergo is a durable, multi-purpose seat, designed primarily for installation on fixed stands.
- It is available with hinged seating.
- Suitable for indoor facilities of medium and large size.
- Mounting in Basic or Gala version possible.

OPTIONS

- Selection of different colors of seats (according to RAL-chart) and upholstery.
- Client's logo embroidery on the backrest possible.
- Number plate on the seat's backrest.
- Additional armrests in various versions.
- Acoustic basic seating surface.
- Upper metal backrest protection.



VARIOUS SEAT VERSIONS

TABO
AUBA
ERGO
GOLD

SELECTION OPTIONS

- The basic seat color may be in various RAL colors.
- The basic seat shape is available in four different designs:
 - TABO (only available in the basic version BASIC LINE without upholstery)
 - AUBA (available in all versions)
 - ERGO (available in Basic LINE and gaLa LINE version)
 - GOLD (available in all versions)
- Upholstering in various colors and in two different designs:
 - GALA LINE
 - VIP LINE

BASIC LINE



TABO
ERGO
GOLD
AUBA

GALA LINE



TABO
ERGO
GOLD
AUBA

VIP LINE



GOLD
AUBA

VARIOUS ACCESSORIES FOR SEATS

ARMRESTS



WOODEN ARMREST



METAL ARMREST



UPHOLSTERED ARMREST

SPECIAL DESIGNS



ACOUSTIC DESIGN



JOURNALIST DESIGN WITH DESK

PROTECTIONS



METALL PROTECTION OF THE UPPER BACKREST PART



METALL PROTECTION OF THE BACK BACKREST PART



METALL PROTECTION OF THE BACK BACKREST PART

LABELLING



NUMBERING



BRANDING

RAILINGS

PASSING-BY
PLUGGABLE
ON THE SIDE
ON THE PLATFORM
FOLDING

PASSING-BY



PLUGGABLE



FOLDING



PASSING-BY RAILINGS

- Self-folding.
- Most common use:
 - in stands, positioned against the wall,
 - in stands, where railings don not have to be disassembled.
- When placed in a niche, the back fences are disassembled.
- The construction requires an additional space of 20 cm.
- The railing height is 110 cm from the walkable surface.

BASIC

FEATURES

- A round metal hose with a rod filler
- Powder-lacquered
- Made in accordance with EN 13200-3 and EN 13200-5.

OPTIONS

- Inclined passing-by railings in installing with steps on the edge of the stand. (Figure 2)



ELEGANCE

FEATURES

- A square metal hose with a square rod filler
- Powder-lacquered
- Made in accordance with EN 13200-3 and EN 13200-5.

OPTIONS

- The staircase cannot be set up along the edge of the stand
- Possibility of various fillers (wooden plywood, polycarbonate, perforated metal sheet).



PLUGGABLE RAILINGS - ON THE SIDE

- Used in all types of stands.
- Only 5 cm of space needed.
- In the folded position, it forms a flat surface that does not prevent from storing the stand in the niche.
- The construction requires an additional space of 10 cm.
- The railing height is 110 cm from the walkable surface.
- Easy to assemble and disassemble.
- We recommend storing on carts.

GALA

FEATURES

- A round metal hose with a rod filler
- Powder-lacquered
- Made in accordance with EN 13200-3 and EN 13200-5.

OPTIONS

- Inclined passing-by railings in installing with steps on the edge of the stand.
- Possibility of various fillers (wooden plywood, polycarbonate, perforated metal sheet).



11



12



13



14



ELEGANCE

FEATURES

- Flat steel with a square rod filler
- Powder-lacquered
- Made in accordance with EN 13200-3 and EN 13200-5.

OPTIONS

- Inclined passing-by railings in installing with steps on the edge of the stand.
- Possibility of various fillers (wooden plywood, polycarbonate, perforated metal sheet).
- Choice of various wooden handles.





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PLUGGABLE RAILINGS

- ON THE PLATFORM

BASIC

FEATURES

- A round metal hose with a round rod filler
- Powder-lacquered
- Made in accordance with EN 13200-3 and EN 13200-5.

OPTIONS

- Inclined passing-by railings in installing with steps on the edge of the stand.
- Possibility of various fillers (wooden plywood, polycarbonate, perforated metal sheet).
- Choice of various wooden handles.



GALA DECK

FEATURES

- A round metal hose with a round rod filler
- Powder-lacquered
- Made in accordance with EN 13200-3 and EN 13200-5.

OPTIONS

- Inclined passing-by railings in installing with steps on the edge of the stand.
- Possibility of various fillers (wooden plywood, polycarbonate, perforated metal sheet).





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ELEGANCE DECK

FEATURES

- A round metal hose with a round rod filler
- Powder-lacquered
- Made in accordance with EN 13200-3 and EN 13200-5.

OPTIONS

- Inclined passing-by railings in installing with steps on the edge of the stand.
- Possibility of various fillers (wooden plywood, polycarbonate, perforated metal sheet).
- Choice of various wooden and metal handles.



FOLDING RAILINGS

- They are used in all types of stands, where the use of passing-by railings is not possible and there is a possibility of folding them onto a row.
- Only 5 cm of space is needed in the folded condition.
- No need for railing storage.
- The construction requires an additional space of 10 cm.
- The railing height is 110 cm from the walkable surface.

FEATURES

- A round metal hose with a round rod filler
- Powder-lacquered
- Made in accordance with EN 13200-3 and EN 13200-5.

OPTIONS

- Inclined passing-by railings when installing with steps on the edge of the stand.
- Possibility of various fillers (wooden plywood, polycarbonate, perforated metal sheet).

GALA



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ELAN RAILINGS CHART

TYPE	NAME	SHAPE	
		STRAIGHT	INCLINED
PASSING-BY	Basic	1	2
	Elegance		
PLUGGABLE <i>ON THE SIDE</i>	Gala	7, 8, 9, 10	11, 12, 13, 14
	Elegance	15, 16, 17, 18, 19	20, 21, 22, 23, 24
PLUGGABLE <i>ON THE PLATFORM</i>	Basic	25	no image
	Gala Deck	29, 30, 31, 32	33, 34, 35, 36
	Elegance Deck	no images	37, 38, 39, 40
FOLDING	Gala	41, 42, 43, 44	45, 46, 47, 48
	Elegance	no images	no images

TYPE	FILLER				HANDLE
	RODS	POLYCARBONATE	PLYWOOD	PERFORATED METAL SHEET	
PASSING-BY	1, 2				
	3	4	5	6	
PLUGGABLE <i>ON THE SIDE</i>	7, 11	8, 12	9, 13	10, 14	
	15, 20	16, 21	17, 22	18, 23	19, 24
PLUGGABLE <i>ON THE PLATFORM</i>	25	27	26	28	
	29, 33	30, 34	31, 35	32, 36	
	37	38	39	40	no images
FOLDING	41, 45	42, 46	43, 47	44, 48	
					no images



OUR STORIES ARE WRITTEN BY PEOPLE

ELAN is a word with a strong meaning. Eagerness. Enthusiasm. Tradition. Innovations. Emotions. Victories.

Since 1945, Elan has been known as a pioneer of innovations that push the boundaries of expectation in its chosen fields. Today, the belief that the development of progressive design and advanced technologies provides the surest path to the creation of superior products remains our core principle. Our facilities manufacture skis, sailboats, yachts, and sports equipment, as well as wind turbines for the production of clean electrical energy.

Elan was three times awarded with the prestigious title of the "Most Innovative Brand", conferred by the German organisation Plus X Award.

Elan Inventa is also the finalist of the German Economy Award 2017.

The president of the Slovenian-German Chamber of Commerce, Gertrud Rantzen: *"This company has convinced with the digitisation degree, with their development orientation, good HR solutions and active presence on the German market."*

elan

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