

# THE ART OF SPORTS

STARTS WITH **THE RIGHT SOLUTIONS**



**elan**

BUILDING CONFIDENCE

## SPORTS EQUIPMENT FOR MULTIPURPOSE ARENAS AND HALLS OF ALL SIZES



@elaninventa



# Contents

|                                     | PAGE |
|-------------------------------------|------|
| SEATING SYSTEMS                     | 5    |
| DIVIDING CURTAINS                   | 12   |
| SPORTS GAMES                        |      |
| BASKETBALL                          | 19   |
| HANDBALL                            | 29   |
| VOLLEYBALL                          | 33   |
| FOOTBALL                            | 37   |
| BADMINTON                           | 39   |
| FLOORBALL                           | 40   |
| TABLE TENNIS                        | 41   |
| OTHER EQUIPMENT                     | 42   |
| CLIMBING EQUIPMENT                  |      |
| WALL BARS                           | 45   |
| LADDERS                             | 49   |
| WALL-MOUNTED CLIMBING EQUIPMENT     | 50   |
| CEILING-MOUNTED CLIMBING EQUIPMENT  | 51   |
| CLIMBING WALLS                      | 52   |
| GYMNASTICS                          |      |
| PARALLEL BARS                       | 55   |
| RINGS ON ROPES                      | 57   |
| VAULTING BOXES                      | 58   |
| BAR SETS                            | 59   |
| BALANCE BEAMS                       | 61   |
| GYM BENCHES                         | 62   |
| VAULTING BUCKS                      | 62   |
| SPRINGBOARDS                        | 63   |
| TRAMPOLINES                         | 64   |
| EQUIPMENT FOR THE FIRST TRIAD       | 65   |
| MATS                                | 67   |
| ACCESSORIES                         | 73   |
| OTHER SPORTS HALL EQUIPMENT         | 77   |
| LOCKER ROOMS                        | 81   |
| PROTECTION NETTING AND WALL PADDING | 83   |
| SCOREBOARDS                         | 85   |
| EVENTS EQUIPMENT                    | 87   |
| FITNESS EQUIPMENT                   | 89   |
| TRACK AND FIELD                     | 90   |
| SPORTS FLOORING                     | 91   |
| OUTDOOR PLAYGROUNDS                 | 97   |
| SKATE PARKS                         | 101  |
| ZIP-LINE AND MINI PLANICA           | 102  |

## Sports equipment

Photos archive of Elan Inventa  
Graphic design Nataša Albreht | Artika

We reserve the right to make technical changes.

Copyright © 2018 Elan Inventa

# THE QUALITY ELAN

Personal approach and extensive experience are a key component of our efforts to deliver the best possible solution, and our biggest competitive advantage.

THROUGH CLOSE COOPERATION BETWEEN CONSTRUCTORS AND ARCHITECTS, ANALYZING EACH PROJECT TO THE SMALLEST DETAIL, WE CAN FIND SOLUTIONS WHICH ARE LIKED AND ACCEPTED BY BOTH GROUPS OF EXPERTS.

The company provides consulting, design and engineering, manufacturing to European standards, assembly and installation, as well as after-sales service for any type and size of multipurpose venue or facility.

We are FIBA Technical partner in the category of telescopic seating systems and basketball constructions, and certified IHF partner in handball goals.

Telescopic seating systems are our most important and best selling item, so we will be working very hard in order to keep this tradition running in the years ahead. All seating systems are manufactured in accordance with EN standards. dards by the Biotechnical Faculty in Ljubljana and the Slovenian National Building and Civil Engineering Institute (ZAG).

*elan*



**QATAR, UAE**  
**SCANDINAVIA**  
**GERMANY**  
**BELGIUM**  
**TURKEY**  
**RUSSIA**  
**SWITZERLAND**  
**KAZAKHSTAN**  
**UKRAINE**  
**SLOVENIA**  
**AUSTRIA**

**CROATIA**  
**BOSNIA AND**  
**HERZEGOVINA**  
**ALBANIA**  
**NETHERLANDS**  
**MONTENEGRO**  
**KOSOVO**  
**MACEDONIA**  
**SERBIA**  
**ITALY**  
**BULGARIA**  
**HUNGARY**

WE CREATE  
STORIES, NOT  
PRODUCTS.  
ALL OVER THE  
WORLD.





Lusail multipurpose sports hall, Qatar



Leipziger Messe, Germany (Photo: Lutz Zimmermann)



Sports arena Duhail, Doha, Qatar



Emden, Germany



Ali Bin Hamad Al Attiya arena in Al Sadd, Qatar



Birmingham, Great Britain

## THE QATAR STORY

- More than 70 large shipping containers of material.
- Extremely demanding climatic conditions.

We installed:

- Grandstands, seats, locker rooms, dividing curtains and netting for Duhail arena in Doha, Qatar.
- Ring barriers, nets and other sports equipment for the multipurpose sports halls Lusail and Al Bin Hamad Al Attiya Arena in Al Sadd, Qatar.

Redco Construction Almana, the leading Qatar construction company, has awarded Elan Inventa with a Certificate of Appreciation for the outstanding work done at the Duhail arena.

## EUROPEAN MARKETS WITH OUTSTANDING TRANSFLEX TELESCOPIC SYSTEM

Fully developed by Elan, the TransFlex telescopic stands deliver complex technical solutions which meet the high standards of quality, execution and design demanded by the European markets.

The most important advantage of TransFlex system is its mobility. After **Leipzig**, the state-of-the-art mobile telescopic seating system **TRANSFLEX** was installed in another German town, **Emden**. In October 2017 the same system entered the UK market. The outstanding 7 identical blocks of Transflex telescopics have been installed in **Birmingham, Great Britain**.



## INNOVATIVE SOLUTIONS - TELESCOPIC SEATING SYSTEMS

**Næstved Arena, Denmark** features several solutions that have won high praise for their innovativeness and design.

**Munktel Arena, Eskilstuna, Sweden** - A stand with almost 1,800 seats. The stand comprises 9 rows in a total length of almost 130 m.

**Valby, Denmark** - Grandstands and Auba seats for one of the most modern halls in Denmark, the VALBY SPORSTALL.

**Skandeborg Arena, Denmark** - Stands with over 1,600 seats. We have developed special sensors, which control the opening and closing of the stand, as well as sensors for balcony fences.

**Dublin arena in Ireland** - In addition to two dividing curtains, we supplied the Dublin arena in Ireland with 6 blocks of telescopic stands. All blocks are transportable using airbags.

**Molnlycke Råda, Sweden** - The theatre grandstand were equipped with 325 extremely comfortable Magic seats.

**Aabenraa Arena, Denmark** - Stands are featured with an important innovation allowing the user to open or close stands also in case of power or engine failure. 1,400 seats.

**Partille, Sweden** - The hall in Partille, Sweden, was given the title **Venue of the Year 2016**, which confirms that it is one of the most beautiful halls in Scandinavia. In addition to more than 3,500 Gold seats, we also supplied over 400 seats with ergonomically shaped back-rest.



Næstved Arena, Denmark



Dublin Arena, Ireland



Munktel Arena, Eskilstuna, Sweden



Partille, Sweden



Valby, Denmark



Molnlycke Råda, Sweden

# 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

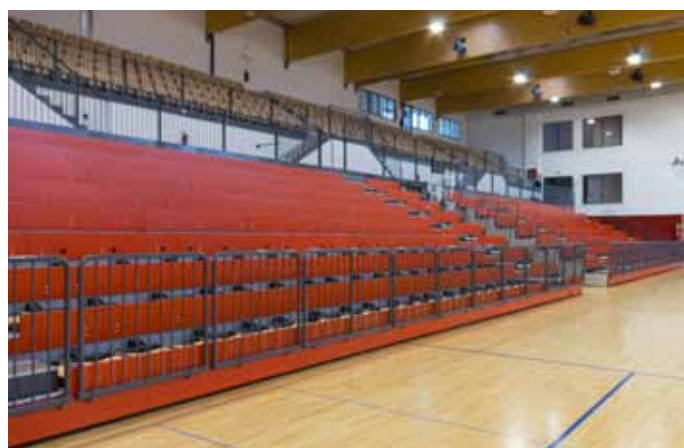
## ARENA TRIBUNES

- 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.





# 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

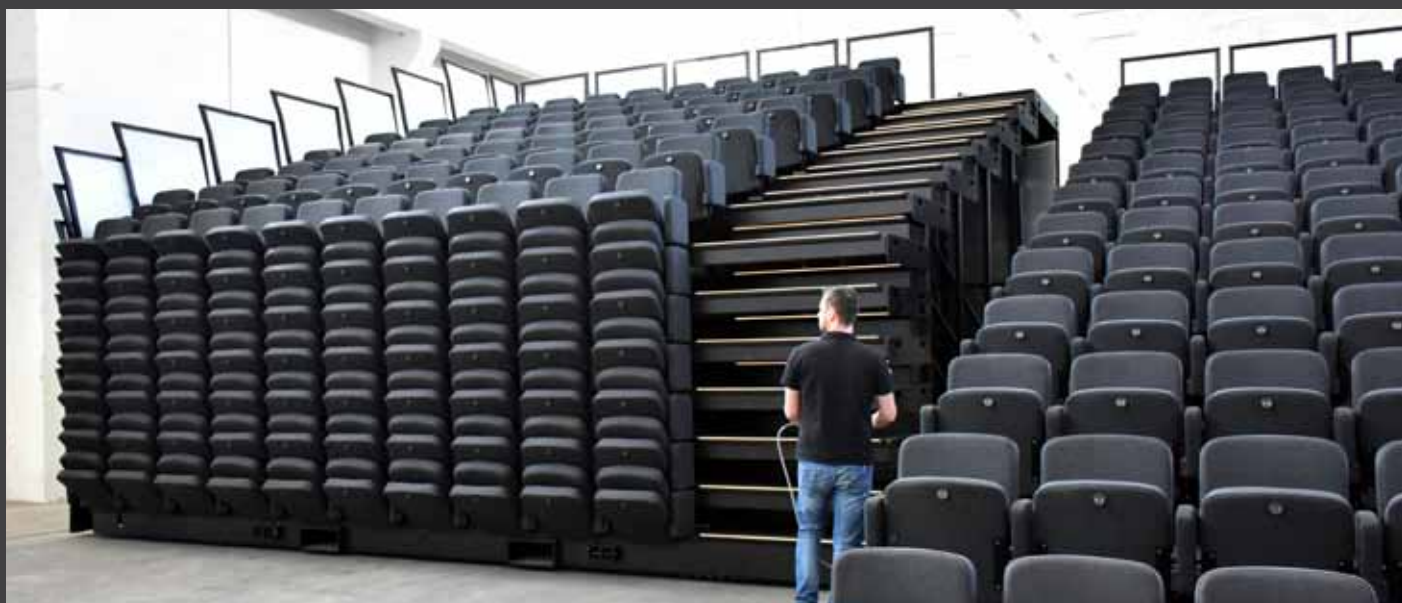
Whatever the number of spectators or layout desired, you can configure our retractable tiered seating into the shape you want to suit your event. Co-ordinating perfectly with flat

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.



elanTransFlex



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



GYMNASIUM CELJE 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





LUCERNA COLLEGE, BELGIUM

BY DIVIDING AN AREA INTO MULTIPLE UNITS,  
THE CURTAINS HELP MAXIMISE USABLE  
FLOOR SURFACE.



All Elan dividing curtains are designed, engineered and manufactured to the applicable safety regulations in standards:

- DIN 18032/4, which specifies the conditions for twin-shell partition screens in sports halls.
- ISO 3824, which ensures control and production compliance of support structures of dividing curtains;
- DIN 7892, which governs the use of an additional mechanical or electrical brake, or a combination of the two types of brakes;
- tear-resistant, self-extinguishing polyester fabric manufactured in accordance with DIN 4102/B1.



# DIVIDING CURTAINS

DIVIDING CURTAINS ARE CLASSIFIED AS FITTINGS AND ARE INTENDED FOR INDOOR USE. SUITABLE FOR USE IN SPORTS HALLS, MULTI-PURPOSE HALLS, INDUSTRIAL BUILDINGS, SWIMMING POOLS.

## ELECTRICALLY OPERATED UP-FOLDING DIVIDING CURTAINS

SINGLE-LAYER | DOUBLE-LAYER | COMBINED | NETTING |  
SEWED | ROLLER | UPPER RING CLOSURE CURTAIN

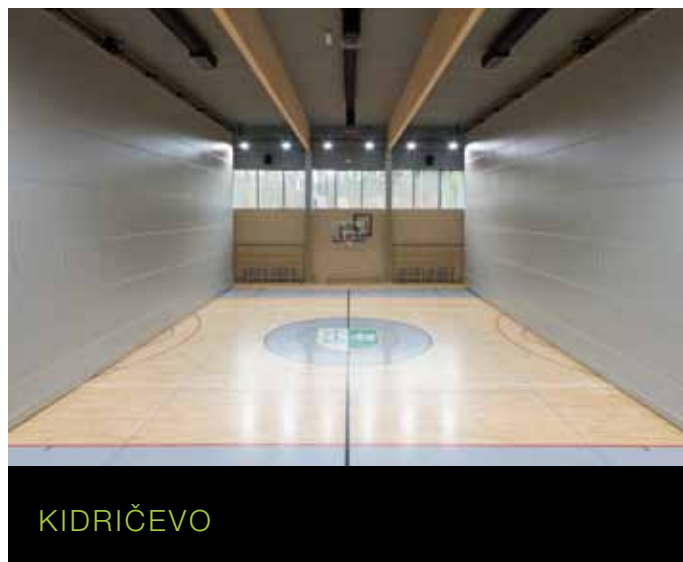
THE CURTAINS ARE MANUFACTURED FROM HIGH-QUALITY AND CONTROLLED MATERIALS, WHICH ARE EASY AND SAFE TO USE AND MAINTAIN.

### SINGLE - LAYER CURTAIN

- Intended for fast and effective partitioning of space into multiple units.
- Enables visual partition of the area.
- Used mainly in industrial buildings, but can also be installed in sports halls.
- Manufactured from single-layer tear-resistant, self-extinguishing polyester fabric.

### DOUBLE - LAYER CURTAIN

- Intended for fast and simple division of space into multiple units.
- Acts as a visual and acoustic partition.
- Tailored to meet the specific requirements of the venue in order to fully correspond with the other equipment and fittings.
- Manufactured from double-layer tear-resistant, self-extinguishing polyester fabric and other high-quality materials that ensure safe and comfortable use throughout the product's life time.

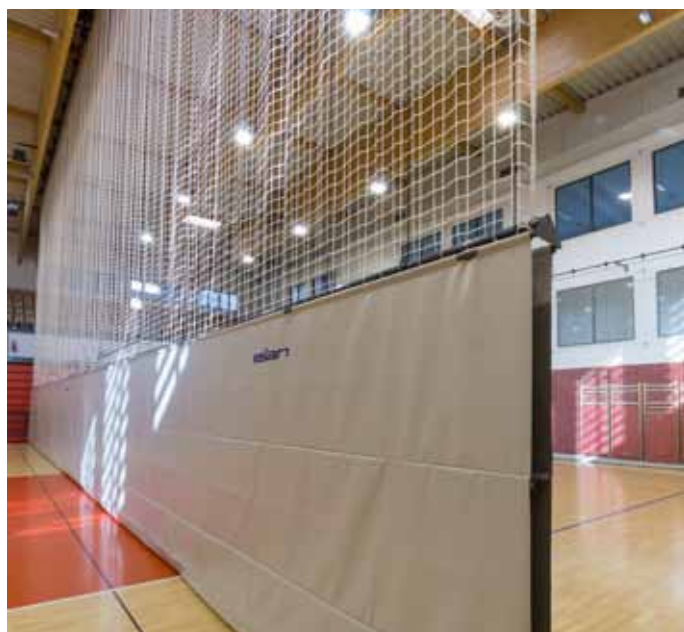




PRIMARY SCHOOL ŽIROVNICA SLOVENIA

## COMBINED CURTAIN

- The lower part of the divider provides a visual partition whereas the netting in the upper section acts as a ball-stop net.
- Does not interfere with the lighting, sound, fire control, and HVAC systems.
- In its lower part, up to 2.6 m high, the curtain is double-layer tear-resistant and self-extinguishing polyester fabric, which protects the hoisting parts of the device from damage and tampering, balls strikes and blows, and strikes by athletes from the other side of the partition.



HOČE SLOVENIA

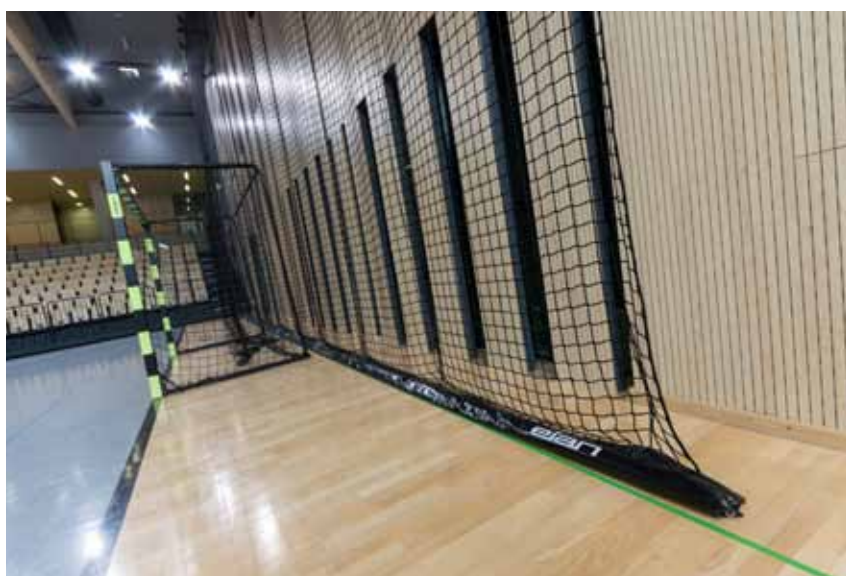


# NETTING CURTAIN

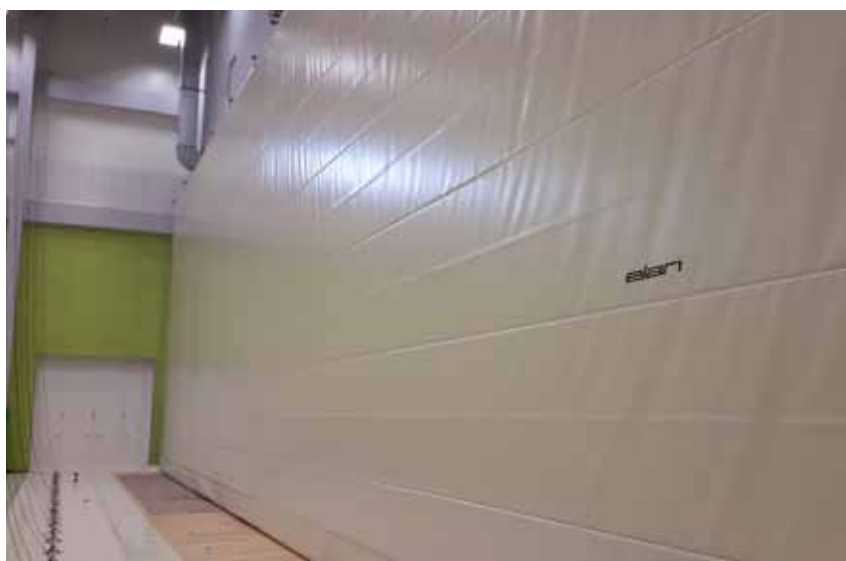
- Intended as a protective netting (behind a goal) for multiple units.
- Acts as a stop-ball net and visual partition.
- Fully netting made.
- The bottom support tube is soft padded.



1. GIMNAZIJA CELJE | NETTING CURTAIN



KIDRIČEVO | NETTING CURTAIN



GYMNASTICS CENTER LJUBLJANA SLOVENIA

## ROLLER CURTAIN

- Self-storing partition used to close off the upper sections of grandstands in areas and halls.
- A scenic area divider.
- Can be installed and used as a dividing curtain in sports halls.



LUSAIL ARENA, DOHA - QATAR

## UPPER RING CLOSURE CURTAIN

- Allows effective closure of the upper reaches of the seating systems when these are not in use.
- Designed and engineered to suit the available space and technical characteristics of the upper ring and ensure visual and acoustic partition.



ALI BIN HAMAD AL ATTIYA ARENA AL SADD, DOHA - QATAR

## FREE-HANGING DIVIDING CURTAINS

- Separation net
- Free-hanging netting
- Divider screen
- Stage curtains

### SEPARATION NET

- The walk-draw separation net is recommended for halls where electrically-operated curtains are not cost-effective.
- The net with a weighted bottom bar, height 2.5 m, is drawn across the hall using a manually operated winch.
- When not in use, the separation net is stored alongside the wall, in a cabinet, or on the trolley.
- Provides physical and visual partition.
- More suitable for smaller halls.
- Suspended from a wire rope, the net can be drawn across the hall using a special trolley (option: trolleys can be drawn from both sides of the hall).



FACULTY OF SPORTS LJUBLJANA, SLOVENIA



## FREE-HANGING NETTING

- Used as a wall protection or protects spectators from ball strikes and blows.
- Suspended from a wire rope, the netting simply folds against a wall using a specially-designed folding mechanism.
- The wire rope is attached to the support structure, which is suited to the available space.
- Mostly, the netting acts as a ball-stop net behind goals, or as a room divider.
- Made from nylon netting.



## DIVIDER SCREEN

- Divider screens act as room dividers.
- Can be manufactured to any venue or shape.
- The screen consists of two elements which can be joined to form a variety of shapes, from zig-zag screens to straight panels.



## STAGE CURTAIN

- Acts as a curtain or a scenic divider, also in sports halls.
- The curtain can be opened and closed using a manually operated winch.
- The stage curtain is made from molton (velvet).



INTERNATIONAL SCHOOL RUSSIA

## POLYESTER FABRIC AND NETTING PRINTS

- The polyester fabric or netting can be printed to any motif on customer's request.





ELAN EQUIPMENT FOR SPORTS GAMES SUCH AS BASKETBALL, VOLLEYBALL, HANDBALL, FOOTBALL AND BADMINTON, IS INTENDED FOR BOTH SCHOOL AS WELL AS COMPETITION USE.

#### WORLD WOMEN'S HANDBALL CHAMPIONSHIP BRAZIL 2011

For the first time in history, Elan equipped the halls hosting the World Championship on another continent. Sixteen supreme-quality IHF-certified handball goals were presented to the world public during the World Women's Handball Championship in Brazil in December 2011.

#### WORLD MEN'S HANDBALL CHAMPIONSHIP, SPAIN 2013

A year later, we manufactured special-edition handball goals for the World Men's Handball Championship in Spain. For this special occasion, our products were painted in the traditional Spanish yellow-red colour combination.

#### WORLD WOMEN'S HANDBALL CHAMPIONSHIP SERBIA 2013

In December 2013 girls too were able to put our handball goals to a test at the World Women's Handball Championship in Serbia.



ELAN INVENTA  
FOUR TIMES IN A  
ROW AT THE WORLD  
HANDBALL  
CHAMPIONSHIP.

# SPORTS GAMES







## WORLD MEN'S HANDBALL CHAMPIONSHIP QATAR 2015

SPORT HALLS BONIFIKA IN  
KOPER, ZLATOROG IN CELJE,  
PODMEŽAKLA IN JESENICE,  
AND ARENA STOŽICE  
HOSTED THE WORLD'S TOP  
24 NATIONAL BASKETBALL  
TEAMS IN 2013.

In 2015 the World's Handball Championship took place in Qatar. To this aim, three new halls have been built in Doha.

Elan Inventa has fully equipped the Duhail arena, and supplied the equipment for the main and training halls at Lusail and Al Sadd.

For the fourth time in five years, the world's best handball players tried to push the ball into the net of Elan's handball goals.



## EUROBASKET 2013, SLOVENIA

Elan Inventa also carried out the renovation and fitting of the halls for Eurobasket 2013. Sport halls Bonifika in Koper, Zlatorog in Celje, Podmežakla in Jesenice, and Arena Stožice hosted the world's top 24 national basketball teams fighting for the prestigious title of European Champion in September 2013.

The championship was a huge success for Slovenia, as well as for Elan Inventa.







# BASKETBALL

Basketball equipment is designed and manufactured to the existing safety regulations and standards:

- SIST EN 1270, which specifies functional requirements and safety requirements for basketball equipment;
- ISO 3834, which ensures controlled manufacture of basketball goal structures and compliance of procedure;
- DIN 7892, which governs the use of an additional mechanical or electrical safety brake, or a combination of the two brakes;
- FIBA regulations.

## INDOOR BASKETBALL SYSTEMS

- PORTABLE BASKETBALL GOALS
- CEILING-MOUNTED UP-FOLDING BASKETBALL GOALS
- WALL-MOUNTED UP-FOLDING BASKETBALL GOALS
- WALL-MOUNTED SIDE-FOLDING BASKETBALL GOALS
- WALL-MOUNTED FIXED BASKETBALL GOALS
- CEILING-MOUNTED UP-FOLDING BASKETBALL GOALS
- MINI BASKETBALL GOALS WITH HEIGHT ADJUSTER
- MINI BASKETBALL GOALS FOR WALL BARS



ARENA STOŽICE  
LJUBLJANA, SLOVENIA





# INDOOR

## BASKETBALL GOALS

### PORTABLE BASKETBALL GOAL

#### EASYPLAY OFFICIAL

- Total projection 325 cm.
- Safety glass backboard with padded bottom edge.
- Simple mechanism for goal attachment, removal, and movement.
- Height in play position: 305 cm and 260 cm.
- FIBA LEVEL 1 certified.



# INDOOR

## BASKETBALL CONSTRUCTIONS

### PORTABLE BASKETBALL GOAL

#### *HYDROPLAY ACE* ELECTRIC

- Total projection 325 cm.
- Portable frame, electric drive.
- Simple mechanism for goal attachment, removal, and movement.
- Rim height from 305 cm to 260 cm.
- Set includes backboard, ring and net.
- Soft padding of the main structure and backboard.
- FIBA LEVEL 1 certified.



### PORTABLE BASKETBALL GOAL

#### *HYDROPLAY OFFICIAL* ELECTRIC / MANUAL

- Total projection 325 cm.
- Electric or manual operation.
- Simple mechanism for goal attachment, removal, and movement.
- Rim height from 305 cm to 260 cm.
- Set includes backboard, ring and net.
- Soft padding of the main structure and backboard.
- FIBA LEVEL 1 certified.



### PORTABLE BASKETBALL GOAL

#### *EASYPLAY TRAINING*

- Total projection 225 cm.
- Counterweight, manual operation.
- Simple mechanism for goal attachment, removal, and movement.
- Rim height from 305 cm to 260 cm.
- Set includes backboard, ring and net.
- Soft padding of the main structure and backboard.
- FIBA LEVEL 3 certified.



# PORTABLE BASKETBALL GOAL

## *HYDROPLAY CLUB* ELECTRIC / MANUAL

- Total projection 225 cm.
- Electric or manual operation.
- Simple mechanism for goal attachment, removal, and movement.
- Rim height from 305 cm to 260 cm.
- Set includes backboard, ring and net.
- Soft padding of the main structure and backboard.
- FIBA LEVEL 3 certified.



# PORTABLE BASKETBALL GOAL

## *EASYPLAY CLUB* MANUAL

- Total projection 225 cm.
- Manually operated by means of springs.
- Simple mechanism for goal attachment, removal, and movement.
- Rim height from 305 cm to 260 cm.
- Set includes backboard, ring and net.
- Soft padding of the main structure and backboard.

SOFT PADDING COLOURS:



# INDOOR

## BASKETBALL CONSTRUCTIONS

### CEILING-MOUNTED UP-FOLDING ELECTRIC

- The frame size and attachment type are customized to meet the needs of the facility.
- Safety glass backboard 180 x 105 cm, with padded bottom edge.
- Height adjuster: 260 cm or 305 cm.
- Operated by an electric motor with safety limit switches.



### WALL-MOUNTED UP-FOLDING ELECTRIC

- Safety glass backboard 180 x 105 cm with soft padded edge and height adjuster 260 cm or 305 cm.
- Electrically operated.
- Fitted with mechanical brakes for enhanced safety, like ceiling-suspended up-folding basketball systems.



### WALL-MOUNTED SIDE-FOLDING ELECTRIC / MANUAL

- Folds sideways left or right against the wall.
- Safety glass backboard 180 x 105 cm with soft padded edge.
- Height adjuster: 260 cm or 305 cm.
- The goal is operated by an electric motor or folded manually using a special mechanism.





## BALCONY-MOUNTED UP-FOLDING

- Can be attached to the balcony or balcony railing.
- Safety glass backboard 180 x 105 cm, with padded bottom edge.
- Height adjuster: 260 cm or 305 cm.



## WALL-MOUNTED FIXED

- Intended for fixed wall attachment.
- Safety glass backboard 180 x 105 cm, with padded bottom edge.
- Height adjuster: 260 cm or 305 cm.



## MINI BASKETBALL GOAL WITH HEIGHT ADJUSTER

- The height adjustment system sets the ring at heights between 220 and 305 cm (7 positions).
- Safety glass or polyester backboard 120 x 90 cm.

## MINI BASKETBALL GOAL FOR WALL BARS

- Suitable for use in kindergartens and the PE classes of the first triad of elementary school.





## OUTDOOR BASKETBALL CONSTRUCTIONS

### PORTABLE BASKETBALL GOAL HYDROPLAY CLUB 3X3

- Total projection 225 cm.
- Optional rain protection.
- Zinc-plated frame and protection shell to protect against vandalism acts.
- Manual operation.
- Simple mechanism for goal attachment, removal, and movement.
- Rim height from 305 to 260 cm.
- Delivered complete with backboard, ring and net.
- Soft padding of the main structure and backboard.



### PORTABLE BASKETBALL GOAL EASYPLAY COLLEGE

- Projection 125 cm.
- Zinc-plated structure.
- In play position, the goal is weighted with ballast.
- Manual operation.
- Set includes backboard, ring and net.







## PORTABLE GOAL STREETBALL 3X3

- "Streetball" basketball goal is a stable and durable basketball construction that was developed in cooperation with the world-famous Dunking Devils Acrobatics Group.
- Easy dismantling of the construction, which is crucial for transport and storage. The entire construction of the dismantled basketball goal together with the backboard occupies a space of 180 x 120 x 47 cm. The platform legs have excellent grip on all types of grounding and are height-adjustable.
- However, the rear part of the platform must be loaded with 6kN - with any kind of weights (concrete, iron, water ...).
- The FIBA certified top-level acrylic backboard and pressure-release ring will satisfy even the most demanding basketball players.
- The transport wheels on the platform construction make it easy to move the basketball goal around the place.
- A soft protection on the construction front protecting the players against an impact provides a sufficient safety.
- The graphic image of both the soft protection surfaces and the backboard surface can be adjusted to the client's wishes.



# OUTDOOR BASKETBALL CONSTRUCTIONS

## IN-GROUND BASKETBALL GOAL

- Hot-dip zinc-coated pole and backboard supports enable easy backboard and ring assembly.
- Metal supports.
  - 165 cm according to EN 1270 (class C)
  - 225 cm according to EN 1270 (class B)
  - 325 cm according to EN 1270 (class A)



## IN-GROUND BASKETBALL GOAL FOR HOME USE

- High-quality metal basketball unit.
- Sturdy frame for stationary outdoor installation.
- Installation onto a concrete mounting base.
- Polycarbonate backboard 120 x 90 cm.
- Height adjustable up to 305 cm.



## FREE-STANDING BASKETBALL GOAL TRIGLAV

- Stepless ring height adjustment, lightweight base.
- Oval backboard 120 x 90 cm.
- Optional wheeled mounting base.
- Basketball goal base can be filled with sand or water.
- Height adjustable.



# BASKETBALL BACKBOARDS

## SAFETY GLASS BACKBOARD, FRAMED

- Backboard made of 10-mm tempered glass (Sekurit safety glass) with a metal frame.
- Height adjustment system for easy (electrical or manual) backboard setting at heights between 260 and 305 cm.
- Intended for indoor use.
- Dimensions 180 x 105 cm.



## ACRYLIC BACKBOARD, FRAMED

- Backboard of acrylic glass with aluminium frames.
- Intended for outdoor use.
- Dimensions 180 x 105 cm.



## POLYESTER BACKBOARD

- Fibreglass reinforced polyester with supports along the entire surface.
- Intended for outdoor use.
- Dimensions 180 x 105 cm.



## PRESSURE-RELEASE AND REGULATION RINGS

- Metal rings according to EN 1270.
- Types of rings:
  - pressure-release rings,
  - FLEX ring,
  - KRPAN ring – for outdoor courts,
  - regulation ring.







WORLD CHAMPIONSHIP 2013 SPAIN

# HANDBALL

- Handball equipment can be fitted into the venue or portable.
- It is intended for use in physical education (PE) classes, for recreational use, and for use in top-level competitions.
- Handball equipment is manufactured to the existing safety regulations and standards:
  - SIST EN 749, which specifies the requirements and testing safety methods for handball goals;
  - IHF regulations.



WORLD CHAMPIONSHIP 2013 SERBIA







# HANDBALL GOALS

## IHF HANDBALL GOAL

- Certified by the International Handball Federation (IHF).
- Available in special colour combinations.
- Safe and reliable net fixings.
- Heavy-duty metal structure.
- Attachment with anchors for simple installation and de-installation.
- Folds easily, together with the net.





# HANDBALL GOALS

## HANDBALL GOAL FOR SCHOOL USE

- Intended for use in PE classes.
- Designed for both indoor and outdoor use.
- Attachment with anchors for simple installation and removal.
- Folds easily.
- Adjustable goal depth.
- Aluminium frame.



## ELECTRICALLY HOISTABLE HANDBALL GOAL

- Intended for small multi-purpose halls.
- Does not require additional storage space.
- Operated by means of an electric motor and fitted with an additional safety brake.



## SOCKETED FIXED HANDBALL GOAL

- Engineered to suit the available space and needs of the customer.





# WALL-MOUNTED SIDE-FOLDING

## HANDBALL GOAL

- Installation by means of two floor anchors and one anchor near the wall to fix the goal when folded.
- When not in use, the goal folds against the wall.
- Optional protection of folded goal.



# TROLLEY

- Intended for the transport of folded handball goals.



# MINI HANDBALL GOAL

- Intended solely for 'minihandball'.
- Lower than the school and IHF-certified handball goals.
- In the green/white colour combination, other colours are charged extra.
- Adjustable goal depth.
- Size: 300 x 160 x 94 cm.



# HANDBALL NETS

- Available in a variety of materials and sizes.
- With a lock-on net system with enhanced quality.
- Designed for both indoor and outdoor use.





# INDOOR VOLLEYBALL

Portable or fixed volleyball equipment is manufactured to SIST EN 1271 standard, which specifies the functional, safety and testing requirements for volleyball equipment and conforms to the FIVB regulations.

## VOLLEYBALL POSTS

### IN-GROUND SOCKETED POSTS

- Net height can be set at various heights.
- Aluminium uprights Ø 100 mm.
- Easy net tensioning.
- Fitted to an existing concrete base.
- Post padding made of PU foam.
- Intended for top-level competitions.







## PORTABLE ALUMINIUM POSTS

- No existing concrete base required for installation.
- Portable aluminium post base, anchors, and socket caps for floor attachment.
- Post padding made of PU foam.
- Suitable for use in PE classes and recreational play.



## WALL-MOUNTED POSTS

- Aluminium posts with net-tensioning mechanism.
- Attachment via a wall bracket.
- No existing concrete base required for installation.
- Optional post pads.
- Suitable for use in small-sized halls with hall width below 15 m.



# INDOOR VOLLEYBALL

## REFEREE STAND WITH PADDING

- Portable referee stand with deck height adjustment.
- Referee stand protector protects the stand and the volleyball post.



## POST TROLLEY



## VOLLEYBALL NETS

- Suitable for indoor and outdoor volleyball.
- Competition nets with antennas, school nets, beach volley nets, and asphalt volleyball nets







# BEACH OR ASPHALT-SURFACE VOLLEYBALL COURTS

- Optional setting up of aluminium posts Ø 100 cm or metal posts 80 x 80 cm with corresponding net tensioning mechanisms.
- Can be set up into in-ground sockets (concrete base required).
- Optional installation into cross-tip sockets (no concrete base needed) and sand levelling at desired height (suitable for urban areas with provisional volleyball courts filled with sand).
- Competition or school-use nets can be fixed to both post types.
- Soft post protection.
- Complete with beach or asphalt volleyball court lines.







# FOOTBALL

Suitable for use in PE classes and for recreational use.

## FOOTBALL GOALS

- Aluminium goal in sizes compliant with FIFA regulations.
- Available in two sizes: 732 x 244 cm, and 500 x 200 cm.
- Both sizes available in socketed and portable version.







## INDOOR FUTSAL GOAL

- Available in various colour combinations.
- Heavy-duty metal structure.
- Folds easily.



## U9 FOOTBALL GOAL

- Size: 200 x 100 cm.
- Aluminum structure. For outdoor use only.
- Attachment with anchors, easy to install.
- Adjustable goal depth.



## MINI GOAL

- Dimensions: 120 x 90 cm.
- Metal frame with an anti-corrosion protection coating.
- Net with mesh size 45 x 45 mm, white.

## NETS

- Suitable for indoor and outdoor use.
- Net dimensions corresponding with goal sizes.





---

# BADMINTON

Badminton equipment is designed for indoor and outdoor use in accordance with SIST EN 1509, which specifies the functional requirements and the safety requirements for badminton equipment. Badminton rackets and shuttles are also available.

## PORTABLE BADMINTON POST

- Portable metal post with weighted base.
- Allows fast net set-up.

## PORTABLE BADMINTON POST

- A concrete base required for installation.
- Allows fast net set-up.







---

# FLOORBALL

The equipment is intended for indoor use. Floorball is fast becoming one of the most popular games in PE classes.

## MINI GOAL

- Dimensions: 120 x 90 cm.
- Metal frame with an anti-corrosion protection coating.
- Net with mesh size 45 x 45 mm, white.



## FLOORBALL STICKS AND BALLS

- Floorball sticks and balls are designed for use in PE classes, indoors.





# TABLE TENNIS



## TABLE TENNIS TABLES

- Table tennis tables differ in the thickness of the playing board and the type of base, as well as accessories.
- Suitable for indoor and outdoor use.
- Matte, anti-reflex surface finish to minimize sunlight reflection during outdoor use and is in compliance with the ITTF regulations.
- Tables are fitted with roller wheels, and complete with integrated net and post sets.
- Optional supply of partition ball-stop screens



## BATS, BALLS AND POSTS

- Table tennis bats are manufactured from materials which are suitable for indoor and outdoor use.







# OTHER SPORTS GAMES EQUIPMENT

## UNIVERSAL GAME POST

- Suitable for all ball net games.
- Suitable also for high jump.



## HIGH JUMP POSTS

- The set is complete with high-jump bar supports and height meter.
- With a fibreglass bar or rope.





FIXED SPORT HALL EQUIPMENT -  
WALL BARS, CEILING-MOUNTED  
CLIMBING EQUIPMENT  
CLIMBING WALLS AND LADDERS  
ARE IDEAL FOR MUSCLE STRETCHING,  
PHYSICAL EDUCATION PROGRAM,  
AND VARIOUS EXERCISES AIMED AT  
TESTING THE ABILITY AND  
LEARNING THE BASICS OF  
SPORTS CLIMBING.



ALL THE EQUIPMENT  
IS MANUFACTURED  
TO THE EXISTING  
EUROPEAN  
STANDARDS.



# SPORTS HALL EQUIPMENT CLIMBING EQUIPMENT







NOT SUITABLE  
FOR OUTDOOR  
INSTALLATION.





# WALL BARS

Wall bars are intended for installation in sports halls, gyms and homes, and can be used for warm-up exercises, various gymnastic exercises, and games...

## FIXED WALL BARS

- Hardwood oval rungs.
- High quality laminated wood up-rights.
- Dimensions:
  - height 260 cm, width 90 cm.
  - height 260, width 100 cm;
  - junior wall bar - height 208 cm, width 99 cm.







# WALL BARS

## PROTRUDED WALL BAR (WOODPECKER)

- The upper three rungs are protruding into the room to facilitate performance of static chin-up hold.
- Maximum load: up to 100 kg.
- Dimensions: height 230 cm, width 68 cm.



## WALL BARS BRACKET

- For fast set up of the transverse bar extension.
- Used mainly for static chin-up hold and pull-ups.



## WALL BAR COLIBRI

- Made up of high-quality spruce up-rights and nine rungs made of dyed hornbeam.
- Primarily intended for younger children and home use.
- Dimensions: height 230 cm, width 68 cm.





## HINGED WALL BARS

- Attached to the wall, either directly or using a wall bracket.
- the wall bars can be used in two positions: Can be used in two positions: closed against the wall, or protruding into the room (in-ground mounting base required).
- Dimensions: height 260 cm, width 180 cm.
- Available in various combinations.



## WALL BARS STAGE AGAINST A WALL

- The apparatus can be used as ordinary wall bars.
- When open, it can be used as a stage.





# LADDERS

## SINGLE SPAN LADDER

- Wood uprights and rungs, and support rails made from steel profiles attached to the wall.
- The ladder can be inclined in 4 different positions.

## DOUBLE-BAY SQUARE LADDER

- Two single-bay ladders installed parallel to each other into an 18-section apparatus.
- Dimensions: height 500 cm, width 116 cm.



## ROPE LADDER

- Hemp rope and hardwood rungs.
- Dimensions: height 500 cm, width 28.5 cm.







# WALL-MOUNTED CLIMBING EQUIPMENT

## CLIMBING POLE

- Intended to learn basic climbing skills.
- Dimensions: height 500 cm, pole diameter 4.2 cm.
- Poles can be electrically hoistable.



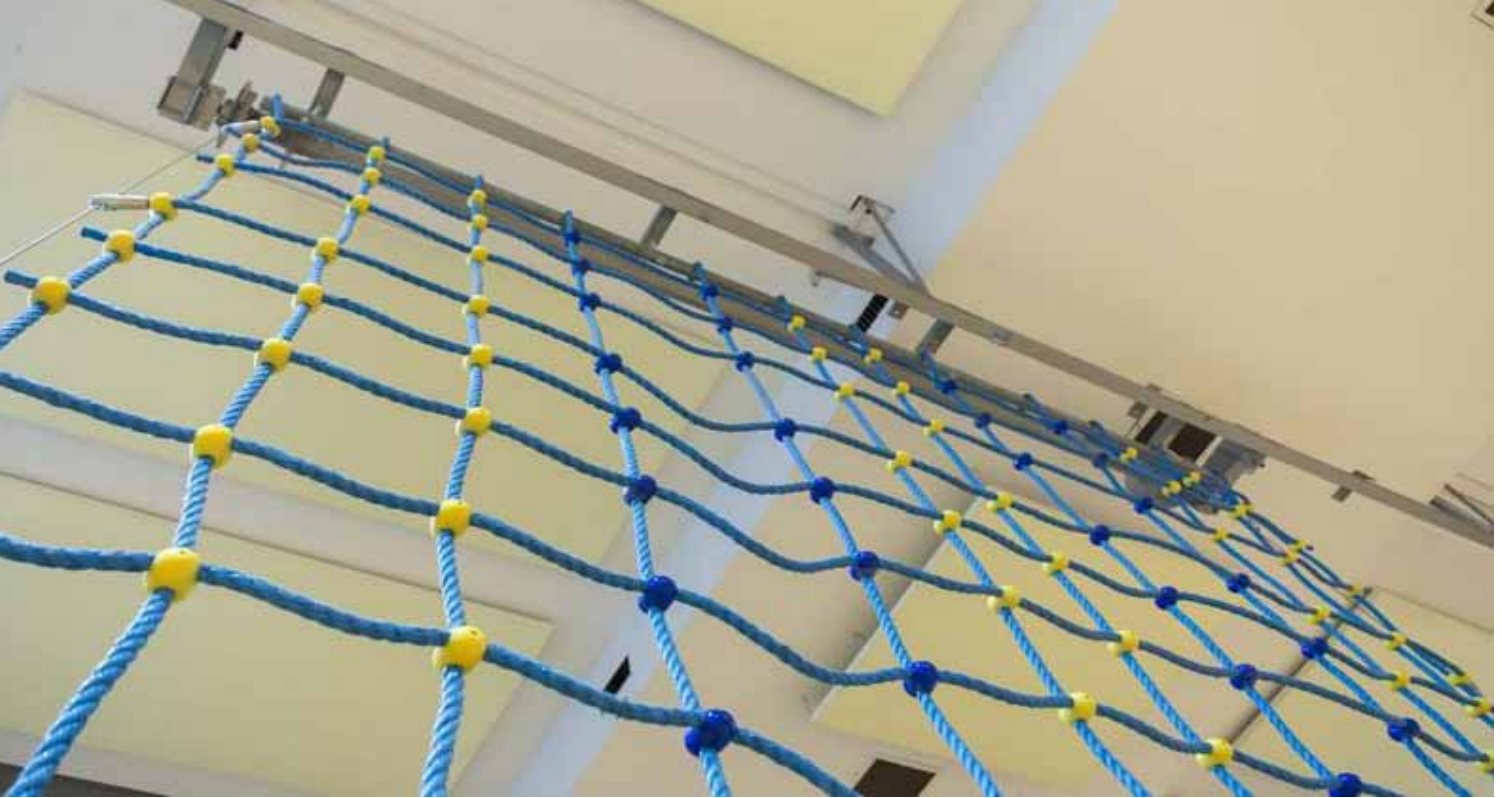
## CLIMBING ROPE

- Intended for more demanding climbing exercises.
- Hemp rope with leather end caps.
- Dimensions: height 460 cm, pole diameter 3.2 cm.

## CLIMBING APPARATUS BRACKET

- Universal metal bracket, consisting of two, three, or five bays, suitable for all types and combinations of climbing equipment: pole, rope, ladder.
- The climbing apparatus runs on roller wheels along the sliding rail, to be stored against the wall.
- Storage between wall bars is also possible.
- Also available as in the ceiling-mounted electrically hoistable version.





## CEILING-MOUNTED CLIMBING EQUIPMENT

### HOISTABLE CLIMBING NET

- Easy lifting/lowering by means of an electric motor.
- Its advantage is fast net preparation and storage against the ceiling.



### UNIVERSAL CLIMBING FRAME

- Ceiling-mounted electrically hoistable bracket (when lowered at 5.5 m; when not in use, hoisted up to the height of 7 m.)
- The bracket has five suspension points for easy installation of gym equipment.
- Equipment: three climbing ropes, two rope ladders, and two sets of rings on ropes.
- Compared to traditional brackets, the frame can be placed at greater distance from the wall for enhanced safety.







# CLIMBING WALLS

- Engineered to suit the available space and the customer's wishes.
- Metal or wood understructure.
- Climbing panels: lacquered plywood, sanded plywood, or polyester board.
- 20 - 30 hold attachment points per m2.





PORTABLE GYMNASTICS  
EQUIPMENT  
INTENDED FOR USE IN  
PHYSICAL EDUCATION  
CLASSES AND IN SPORTS  
GYMNASTICS.

All equipment is made from top-  
quality materials and manufactured  
to the existing standards and FIG  
(International Gymnastics Federation)  
recommendations.

Not suitable for outdoor installation.  
Simple transport and installation.

# SPORTS HALL EQUIPMENT GYMNASTICS

ALL EQUIPMENT  
IS MADE  
IN ACCORDANCE WITH  
THE EXISTING  
STANDARDS.







ASSEMBLY OF GYMNASTICS  
EQUIPMENT IS SIMPLE,  
AND ITS USE SAFE  
FOR ALL USERS  
WORKING OUT IN  
ACCORDANCE WITH THE  
INSTRUCTIONS.





# PARALLEL BARS

## SCHOOL PARALLEL BARS

- Robust metal structure.
- Built-in wheels for easy transportation.
- The apparatus features a double protection height adjustment system to prevent slipping or overturns.
- Bar height adjustable from 120 cm to 185 cm.
- Spacing between bars from 36 cm to 66 cm.







## UNEVEN BARS

- Easy, fast and safe bar height adjustment.
- Pull-out base for enhanced stability.
- High bar can be set at heights of 190 cm to 240 cm.
- Low bar can be set at heights of 110 cm to 240 cm.
- Width between bars from 70 cm to 140 cm.
- Built-in wheels for easy transportation.



## MINI BARS (JUNIOR)

- Ideal for beginners and less demanding users.
- Bar height adjustable from 100 cm to 160 cm.
- Width between bars is adjusted from 31 cm to 61 cm.





# RINGS ON ROPES

- An apparatus for practicing gymnastics at school.
- Made of quality wood.
- Metal support structure conforms to 12655/type 3.
- Optional attachment to the universal ceiling-mounted equipment bracket.







---

# VAULTING BOXES

## LARGE AND SMALL VAULTING BOX

- The large vaulting box is made up of several sections stacked into a stable unit (5- or 6-section box).
- The sections are made of high-quality plywood and nature lacquered from all sides.
- The top is finished in high-quality synthetic leather.
- The bottom section is fitted with built-in wheeled transport system.





---

# BARS

## SOCKET INSTALLATION HORIZONTAL BAR

- Ground sockets required for installation.
- Aluminum uprights allow for the bars to be set at desired height.
- The bar is made of high-quality steel tube 2.8 cm in diameter.
- The socket-installation bar 40 mm in diameter is fitted with a steel insert.







## WALL-ATTACHED BAR AND FREE-STANDING POLE

- Bar-pole and bar-wall bracket installation.
- The bar can be set at desired height.



## BALLET BAR

- For ballet practice.
- Available in free-standing or wall attached version.





# BALANCE BEAMS

## NIZKA IN VISOKA GRED

- Width 10 cm.
- Made of quality laminated spruce top.
- Optional non-slip textile cover.
- Available in two versions:
  - **Low (basic) balance beam** 390 cm in length and 40 cm in height.
  - **School-use (high) balance beam** 500 cm in length, height adjustable to 70 cm and 120 cm.







## GYM BENCHES

- Top surface made of high-quality spruce wood.
- The base is plywood.
- Gym bench legs are fitted with a non-slip profile.
- The width of the bench is 27 cm, the height 35 cm.
- Available in two versions: a long (basic) gym bench of 350 cm, and a short gym bench 200 cm.



## VAULTING BUCKS

- Soft cover of the body upholstered in genuine leather, which prevents hand sinking into the material.
- Built-in wheels for easy transport.
- Small buck: Height 90 cm to 130 cm.
- Large buck: Height 100 cm to 150 cm.





# SPRINGBOARDS

## UPHOLSTERED SCHOOL

- Made of specially designed plywood.
- Upholstered jumping surface.
- Height at front: 14 cm.



## UPHOLSTERED PADDED

- Made of specially designed plywood.
- Upholstered springing surface.
- The entire springboard area is padded.
- Height at front: 21 cm.



## PADDED COMPETITION

- Top manufactured according to a special method.
- Fitted with two pre-tensioned springs for enhanced speed and jump strength.
- The base is fitted with non-slip profiles.







# TRAMPOLINES

## TRAMPOLINE JUMPSTER

- It was manufactured in accordance with the applicable standards SIST EN 13219 and SIST EN 913. The size of the frame 115 x 115 cm is optimal in terms of use and storage.
- The springs are covered with a 10 mm thick polyethylene foil, coated with a durable protective coating made of PVC canvas.
- Three revolving wheels on the side allow easy mobility of the trampoline around the area. The trampoline construction is made of steel tubes 40 x 40 x 2 cm, it is protected against corrosion by zinc-electroplating and can be dismantled.
- With the dismantled construction measuring 115 x 40 x 25 cm, the trampoline is suitable for transport with a private vehicle.





# EQUIPMENT FOR THE FIRST TRIAD

Primarily intended for use by young children (pre-school, and the first, second, and third grades of elementary school).

## PLAYING CAGE

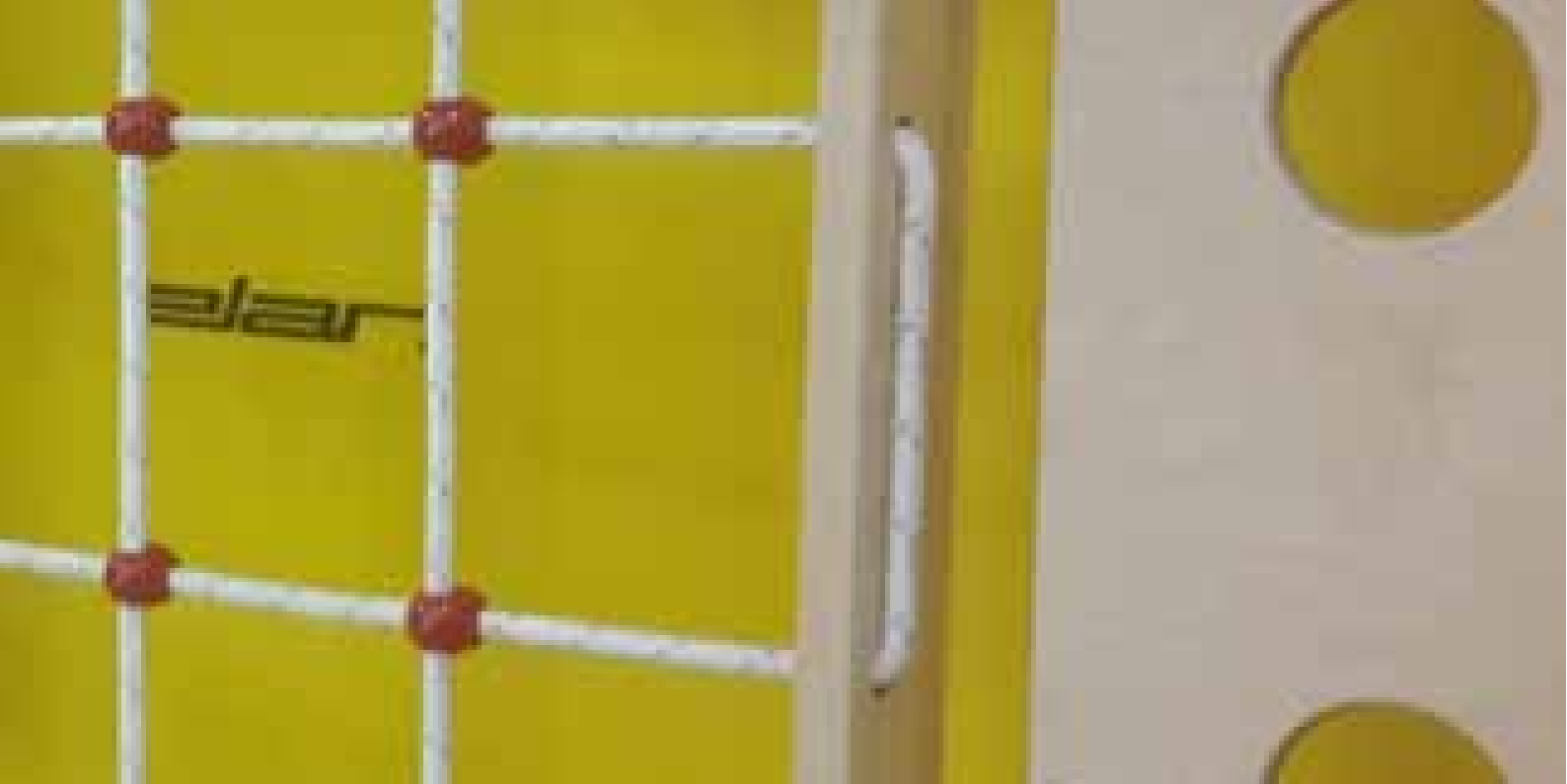
"Playing cage" is primarily intended for young children, from preschool to first three grades of elementary school. It consists of six elements, made from quality wood. The elements are mounted on the wall, with the possibility of opening the two external elements and folding ladder perpendicularly to the wall.

- target / element with large holes
- climbing wall
- dense wall bars
- sparse / dense wall bars
- spider's web
- folding ladder

When in use, it is recommended to apply all kinds of mats and other equipment (balance beam, bench, vaulting buck, vaulting box, wooden slide, slide with rollers, various swings)







## GYM TOWER

- A closed gym tower can be used as a climbing wall.
- When open, the tower features: a 1-bay and a 2-bay ladder, a climbing pole, a mini climbing wall.

### OPEN GYM TOWER

- height 300 cm
- width 300 cm
- depth 260 cm



### CLOSED GYM TOWER

- height 300 cm
- width 300 cm
- depth 30 cm

## ACCESSORIES

- Two-section vaulting box with rungs.
- Bar boxes set.
- Zigzag ladder (step ladder).
- Wooden sliding plank.
- Balance gangway with a catch.
- Vaulting box section (piece).
- Balance beam.
- Gymnastics triangle.





For single use or in combination with other equipment.

Mats of various dimensions do not differ in material structure.

Simple to manage and maintain.



THE PRODUCTS ARE  
DESIGNED AND  
MANUFACTURED  
IN COMPLIANCE  
WITH THE EXISTING  
EUROPEAN  
REGULATIONS  
AND EN STANDARDS.



# SPORTS HALL EQUIPMENT MATS







---

ALL MATS FEATURE  
A PVC COVER WITH A  
NON-SLIP FINISH  
ACCORDING TO THE SAFETY  
STANDARDS.





# SPORTS MATS



- All mats are specified for Head Injury Criterion, which specifies the likelihood of injury according to EN 1177 standard.
- Top cover is constructed of sturdy fabric available in a range of attractive colours.
- Anti-slip top for increased safety of use.
- Excellent core properties
- Extremely lightweight and durable.

## LIGHTWEIGHT MATS FOR PRACTISING THE BASIC GYMNASTIC ELEMENTS

- Sizes:
  - 200 x 125 x 6 cm,
  - 200 x 100 x 6 cm,
  - 164 x 82 x 6 cm (for wall bars),
  - 164 x 62 x 4 cm (for woodpecker and colibri wall bars).
- HIC (Head Injury Criterion)\*: 2.30 m



### Typical Application:

|        |   |
|--------|---|
| TYPE 1 | Mat for floor exercises without jumps               |
| TYPE 2 | Mat for floor exercises with jumps                  |
| TYPE 3 | Mat for floor exercises with jumps and for landings |





## SOFT SPORT MATS FOR HIGH JUMPS AND POLE VAULTS

ALSO SUITABLE AS TRAMPOLINE LANDING MATS.

- Size: 200 x 200 x 50 cm
- HIC (head Injury Criterion):  $\geq 3.00$  m
- Mats include carry handles for easy transport.

Typical Application:

|         |                                   |
|---------|-----------------------------------|
| TYPE 9  | High jump mats (school, training) |
| TYPE 10 | High jump mats (competition)      |
| TYPE 11 | Pole vault mats                   |



## SOFT LANDING MAT

- Used mainly for safe gymnastic dismounts and landings off trampolines, landing mats can also be used with other apparatuses for improved safety.
- Sizes: 200 x 150 x 25 cm, 200 x 150 x 12 cm.
- HIC (Head Injury Criterion):  $\geq 3.00$  m
- The 25 cm mat includes carry handles for easy transport.

Typical application:

|        |  |
|--------|--|
| TYPE 8 | Soft floor mat to absorb the impact when landing or falling (25 cm). |
| TYPE 4 | Mat for easy disposal of equipment controlled landing (12 cm).       |
| TYPE 5 | Landing mat (12 cm).   |



# SPORTS MATS

## MAT STORAGE CART

- Wheeled metal frame with a plywood platform.



## SET OF MULTI-PURPOSE MATS

- Intended mainly for physical education of pre-schoolers and pupils of lower elementary schools.
- Fitted with velcro strips to allow interlocking into various forms.



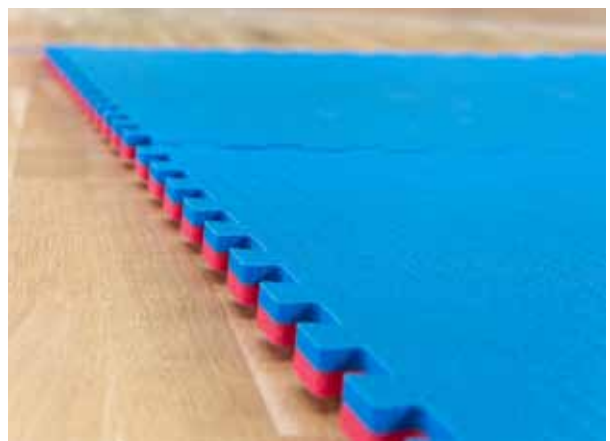
## JUDO MATS

- Specially designed and manufactured for judo.
- Covered with a traditional “rice-straw” textured durable vinyl surface sealed with the foam core.
- Rubber waffle anti-slip bottom.
- Dimensions: 200 x 100 x 4 cm or bigger.



## KARATE MATS

- Specially designed and manufactured for karate.
- Used to cushion falls and takedowns, and to mark off sparring surface areas.
- Made from flexible compact material, with a non-slip base, interlocking.
- Dimensions: 100 x 100 x 2 cm or 100 x 100 x 4 cm (also for judo).





## BARS MATS

- Special-purpose mats for all types of gym bars meet all safety requirements.

### UNEVEN BARS MAT

- Dimensions: 232 x 82 x 6 cm.

### SCHOOL PARALLEL BARS MAT

- Dimensions: 243 x 43 x 6 cm.

### SCHOOL PARALLEL BARS JUNIOR MAT

- Dimensions: 220 x 40 x 6 cm.



## MAT COVER

- Used to join two or four large-sized soft mats into a large landing mat used in high jumps, or as a tumble trampoline landing mat.
- Cover dimensions: 400 x 200 x 30 cm, 300 x 200 x 20 cm, or 350 x 200 x 50 cm.



## GYM CARPET

- Intended for performance of basic gymnastics elements.
- Dimensions: 120 x 133 x 2.5 cm.





JUMP ROPES  
HULA HOOPS  
RHYTHMIC GYMNASTICS  
ACCESSORIES  
TUG OF WAR ROPE  
CALLIPERS  
TAPPING BOARD  
WEIGHT SCALES  
HEIGHT ROD  
COMPRESSOR  
MEASURING TAPE  
LONG JUMP MEASURING  
TAPE



# SPORTS HALL EQUIPMENT ACCESSORIES







STANDING TOE-TOUCH METER

MEGAPHONE

STOP WATCH

COMPASS

WHISTLE





SOFT BALLS

PLAY ACCESSORIES

AND

MOTOR SKILL

DEVELOPMENT PRODUCTS



# SPORTS HALL EQUIPMENT ACCESSORIES FOR THE YOUNGEST CHILDREN








---

ALL PRODUCTS ARE  
NON-TOXIC,  
OF ROUNDED EDGES,  
COLOURS AND TRANSPARENT  
MATERIALS  
SUITED TO CHILDREN'S  
NEEDS AND 3D  
SPATIAL PERCEPTION.





# OTHER SPORTS HALL EQUIPMENT

## JUDGES TABLE

- Movable judges table, dimensions: length 200 cm, height 110 cm, depth 76 cm.
- With a platform at 30 cm from the ground.
- According to FIBA and IHF regulations, the front of the table is protected with a soft pad in the colour of the table.
- Complete with caster wheels for transport.







## JUDGES TABLE FOR SCHOOL USE

- Dimensions: 200 x 100 x 76 cm.
- With closing sides and back.



# OTHER SPORTS HALL EQUIPMENT

## SPORTS EQUIPMENT CABINET

- The cabinet measuring 110 x 195 x 50 cm is intended for storing balls and sundries.
- The frame and door made of metal net panels, with high-quality sheet metal shelves. Safety lock type closure.



## CORNER EQUIPMENT CABINET

- Intended for storing balls, sports accessories, and socket-installation equipment.
- The front wall with the door (featuring an embedded door handle) is made to the requirements of the venue designer.
- Can be finished with wall padding or as a climbing wall.
- Made to order.
- Dimensions as per facility measurements and the customer's wishes.



## BALL CAGE CART

- Metal cage cart with swivel casters.





# SOCKET-INSTALLATION EQUIPMENT TRANSPORTER TROLLEY AND STORAGE BRACKETS

- Double brackets featuring four equipment storage positions.



## HOIST STORAGE CAGE

- The cage consists of a sturdy frame equipped with an electric motor, and a platform with a protective net.
- Fitted with a fall prevention safety device.
- Dimensions: 260 x 220 x 100 cm.
- Hoisted against the ceiling, this storage system frees the space for other equipment.
- Compliant with and tested to DIN 7892.
- Additional safety device according to DIN 7892.





# LOCKER ROOMS

## LOCKER ROOM BENCH

- Metal frame, wooden bench, and a shelf for sports bags.
- Ergonomically-shaped clothing hooks behind the upper plank.
- Standard lengths: 150, 200, and 250 cm.







## LOCKER ROOM MODULES

- Standard dimensions 75 x 60 x 210 cm or as per available space.
- 18 mm chipboard panels coated in melamine foil.
- The edges are sealed with 2-mm-thick ABS strips, in the same colour finish as the panels.
- Equipped with a clothing rod and 4 hooks for hanging garments, the rod is complete with 4 wooden clothes hangers.
- Storage compartment with a locking door.
- Upholstered seat can be lifted to provide a surface to accommodate shoes.



## LOCKERS

- Lockers are made from water and moisture resistant boards.
- Locker size: 40 x 90 cm, depth 50 cm.
- Complete with cylinder lock. Can be stacked or placed side by side.





---

# PROTECTION NETTING AND WALL PADDING

## WINDOW PROTECTION NET

- Installed to stop the ball and prevent breakage of window glass.
- Manufactured from heavy-duty UV resistant polyethylene net.
- Attached to the wire rope.
- Dimensions as per measurements and the customer's wishes.







## SOFT WALL PADDING

- Total thickness 2 to 2.3 cm.
- The lower part is made of special-purpose foam.
- The upper section is velour or any other material.



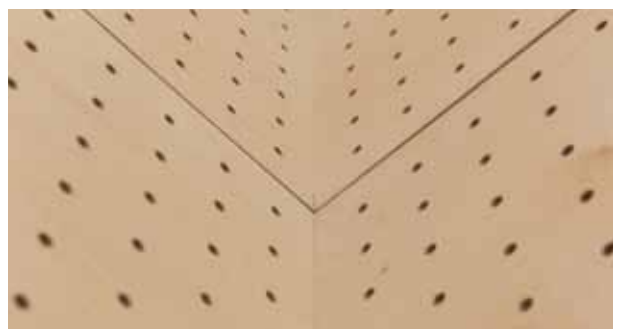
## HOIST MIRROR PROTECTION PANEL

- Its front surface is of identical design and structure as the soft wall padding.
- The metal frame of the protection panel runs along vertical side rails.
- Protection panels are lifted/lowered using a safety device electric drive.
- Dimensions as per measurements and the customer's wishes.



## ACOUSTIC PANELS FOR WALLS AND CEILINGS

- Effective sound absorption across the entire frequency range; unique design based on plywood sheets resistant to ball strikes.
- Dimensions as per measurements and the customer's wishes.





# SCOREBOARDS

## MULTIFUNCTIONAL SCOREBOARDS

- Designed and manufactured for electric and electromagnetic compatibility (EC/EMC).
- Plasticised aluminium frame.
- Brightness adjustable LEDs are embedded into the metal frame for better resistance to ball strikes.
- Pre-programmed for a variety of sports: basketball, handball, volleyball, football, hockey, etc.)
- Scoreboards can be combined to suit the size and purpose of the venue.
- FIBA-certified scoreboards also available.







## MANUAL SCOREBOARDS

- Manual operation.
- Numbers from 0 to 99.
- Can be used with out without a stand.





# EVENTS EQUIPMENT

## EVENT STAGE

- Intended for various indoor and outdoor events.
- Aluminium stage frame 200 x 100 cm.
- Load capacity: 750 kg/m<sup>2</sup>.
- Aluminium legs 20 to 120 mm allow precise setting to accommodate uneven surfaces.



## SCAFFOLD TOWER

- Uprights 120 cm high.
- Two-part working platform.
- Can be set at various heights.







## EVENT EQUIPMENT

- Chairs of various types and dimensions.
- Folding table:
  - Steel frame in black.
  - Wood board coated with melamine finish.
  - Open table dimensions: 120 x 80 x 72.5 cm, folded table: 120 x 80 x 10.5 cm.



## PULL OUT TUNNELS

- Specially adapted to suit sports venues. Modular system provides for a tunnel of unlimited length and extremely easy closing/opening.
- Width: from 150 to 300 cm. Heights: from 180 to 240 cm.
- Lengths: from 515 cm onwards, length of one module 103 cm.
- Material: PVC, 550 g/m<sup>2</sup>, fire protection class C1 2.
- Structure: scissor-type.



## PLAYERS BENCH/SEATS

- Different models for all kind of purposes.





MALEČNIK SLOVENIA



FOR GIRLS AND BOYS OF ALL AGES

The ultimate meeting places, they are genuine sports agoras where one can enjoy playing and sharing as much as watching, all this within a public space open to all.



EXCLUSIVE AGENT  
FOR THE TOP-CLASS  
PROGRAM  
OF OUTDOOR MULTI-USE  
GAMES AREAS  
OF FRENCH  
MANUFACTURER  
AGORESPACE



# OUTDOOR EQUIPMENT MULTI-USE GAMES AREAS





# TRACK AND FIELD

Elan Inventa is an exclusive agent for POLANIK, an athletics equipment provider, which is one of the most notable trademarks in the track and field industry.



RADOVLJICA SLOVENIA

## EQUIPMENT



- Products for various levels, including competition, practice, and school use.
- Polanik has been as member of the IAAF since 1991.
- Regular presence at top-level athletics competitions.
- Over 1,000 products in 154 categories.







SPORTS FLOORING  
FOR BIGGEST  
SPORTS ARENAS,  
SPORTS HALLS,  
OUTDOOR  
SPORTS SURFACES  
AND  
OUTDOOR  
PLAYGROUNDS.



# SPORTS HALL EQUIPMENT SPORTS FLOORING







SPORTS

FLOORING

TESTED

TO EN 14904.





# SPORTS FLOORING

## PARQUET FLOORS CONNOR

- Diverse sports parquet floors are intended for indoor sports venues.
- The flooring systems differ in subfloor construction but the top sheathing is always Canadian maple hardwood parquet.
- In addition to fixed floors, intended primarily for school gymnasiums and specific-purpose sports halls, Elan Inventa's offer also includes portable sports floor systems preferred by multi-use arenas.
- Most floor systems in our offer are FIBA 1 certified for top level competitions.
- Sports parquet floors are suitable for use in official international competitions.

Contact details: [matej.poljansek@elan.si](mailto:matej.poljansek@elan.si)



**CONNOR SPORTS**  
TECHNICAL SUPPLIER

**NEOSHOK**



**QUICKLOCK**



**REZILSLEEPER**





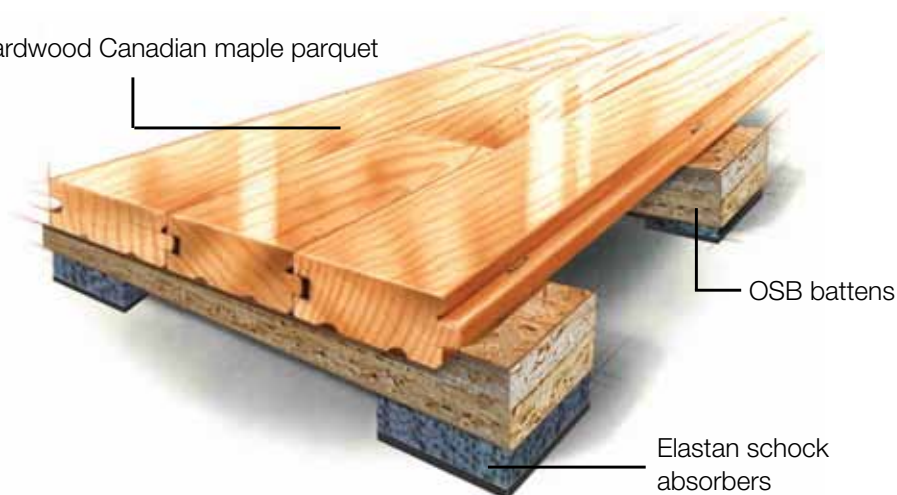


## PARQUET FLOORS ELASTAN

- Constructed with hardwood Canadian maple parquet, available in 57 x 20 mm boards of several lengths 200 - 2500 mm.
- Subfloor: double OSB/3 battens measuring 2500 x 70 x 12mm.
- Two-stage elastan shock absorbers constructed from EPDM granule rubber bonded with a polyurethane adhesive; dimensions: 50 x 50 x 13 mm.
- Wooden sports flooring designed and manufactured to the highest standards.
- Tested in accordance with EN 14904:2006.
- Exceptional strength and elasticity. Intended mainly for school gyms.



Hardwood Canadian maple parquet



OSB battens

Elastan shock absorbers

# OTHER SPORTS FLOORS

## SPORTS FLOORING SPORTCOURT

- Modular polypropylene system for indoor and outdoor use.
- The floors are coated with a special finish for enhanced grip also in wet conditions and rain.
- A universal portable sports floor system also suitable for inline hockey.
- For outdoor sports courts and indoor floors for:
  - tennis,
  - volleyball,
  - football,
  - basketball,
  - handball,
  - multi-use games areas,
  - in-line hockey.
- The products are certified by the competent international sports associations
- Over 100,000 venues across the globe are fitted with Sport Court flooring.





## GERFLOR TARAFLEX SPORTS FLOOR

- The multi-purpose point-elastic sports floor for indoor surfaces is made up of calendared PVC sheets in combination with the base of closed-cell PE foam.
- For enhanced stability, the multi-layer sports surface contains non-woven PE mesh positioned between the closed-cell foam and the upper layer.
- The product is UV-resistant and certified under EN14904.

Elan Inventa is the official representative of GERFLOR sports floorings in Slovenia, Bosnia and Herzegovina, Montenegro, Kosovo and Albania.

Contact details: [matej.poljansek@elan.si](mailto:matej.poljansek@elan.si)





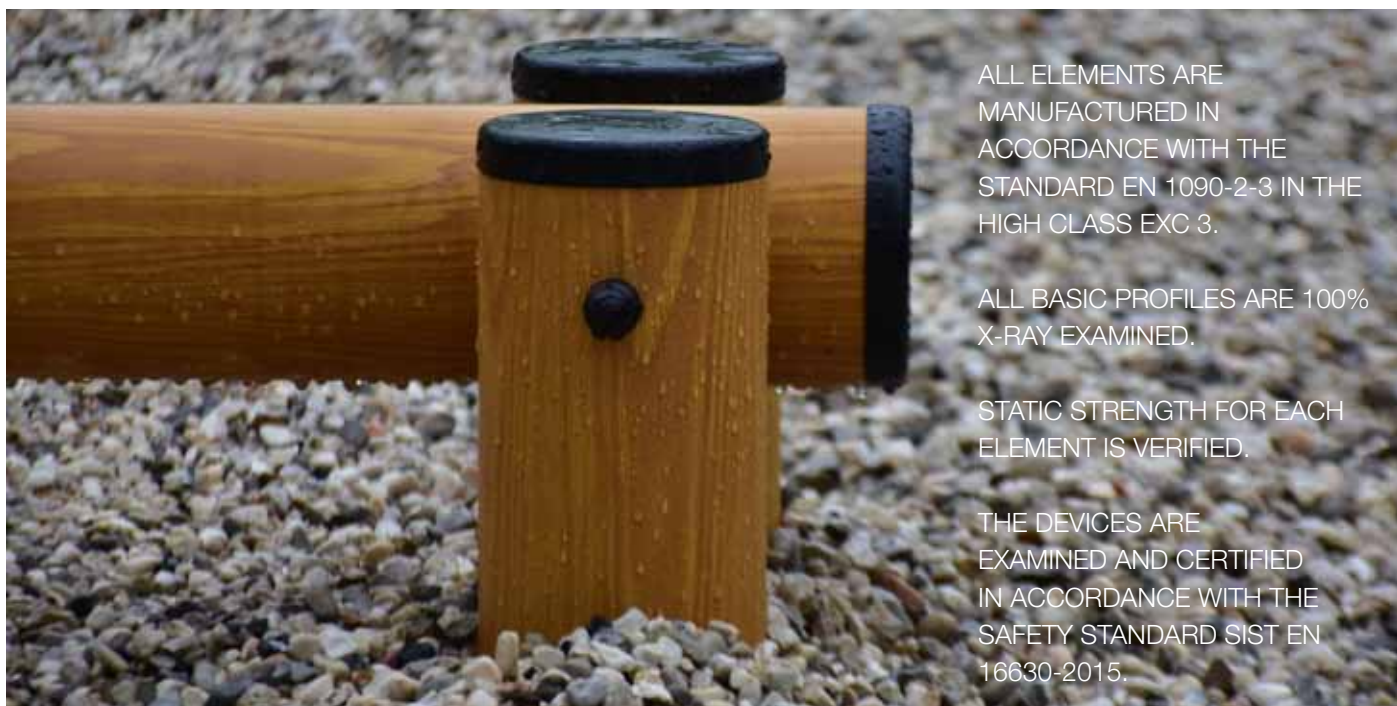
BOHINJSKA BELA SLOVENIA

CHILDREN ALWAYS CHOOSE TO PLAY  
WITH WHAT THEY LIKE AT FIRST GLANCE,  
WHAT GIVES THEM JOY AND KEEPS THEM SAFE.

# OUTDOOR PLAYGROUNDS CHILDREN'S PLAYGROUNDS







ALL ELEMENTS ARE  
MANUFACTURED IN  
ACCORDANCE WITH THE  
STANDARD EN 1090-2-3 IN THE  
HIGH CLASS EXC 3.

ALL BASIC PROFILES ARE 100%  
X-RAY EXAMINED.

STATIC STRENGTH FOR EACH  
ELEMENT IS VERIFIED.

THE DEVICES ARE  
EXAMINED AND CERTIFIED  
IN ACCORDANCE WITH THE  
SAFETY STANDARD SIST EN  
16630-2015.

## BOHINJSKA BELA SLOVENIA



WITH LOVE FOR OUR  
CHILDREN  
WE OFFER A WIDE SELECTION  
OF PLAYGROUND EQUIPMENT  
AND PRODUCTS  
FOR MAXIMUM SATISFACTION  
OF OUR LITTLE USERS.



## RADOVLJICA SLOVENIA





# OUTDOOR SENIOR TRAINING PARKS

- All elements are manufactured in accordance with the standard EN 1090-2-3 in the high class EXC 3.
- All basic profiles are 100% X-ray examined.
- Static strength for each element is verified.
- The devices are examined and certified in accordance with the Safety Standard SIST EN 16630-2015.



ASK FOR DETAILS! Mob +386 41 653 996, [borut.bizjak@elan.si](mailto:borut.bizjak@elan.si)





# OUTDOOR PUBLIC TRAINING PARKS



**VARcert**  
EN 1090-1 EXC 3 certified FPC

ASK FOR DETAILS! Mob +386 41 653 996, [borut.bizjak@elan.si](mailto:borut.bizjak@elan.si)





SKATE PARK BREZOVICA, SLOVENIA

SKATE PARKS  
ARE MANUFACTURED  
TO EN 14974:2006  
STANDARD.



SKATE PARKS  
ARE INTENDED  
FOR ROLLERBLADERS,  
SKATERS, AND  
BMX RIDERS.

Height adjustable metal frame with an additional water-resistant wooden support structure.

The top layer boasts excellent user characteristics: it is inflammable, water-resistant, made of fibreglass reinforced compressed resin composites.

# OUTDOOR EQUIPMENT SKATE PARKS



SKATE PARK LJUBLJANA, SLOVENIA



# ZIP-LINE



- It takes riders across the Planica giant hill in a wild ride that mimics the experience of ski jumping.
- The upper station is located at 1,151.6 m above sea level, and the lower station at 949 m a.s.l.
- The elevation change totals 202.6 m, the length of the wire rope is 566.06m.
- The average gradient is 38.33 degrees.
- The zip-line can be used at temperatures between -10 °C and +40 °C and in all weather conditions, except during thunderstorms with the possibility of lightning strikes.
- The minimum weight requirement is 40 kg; the upper weight limit is 120 kg.
- Zip-line riders must be at least 140 cm, and not more than 200 cm, tall.



# MOBILE MINIATURE SKI JUMPING HILL



- The driving person behind the first project is Dr Franci Petek, the same Franci who became Nordic World Ski Champion in 1991.
- In cooperation with Petek, Elan Inventa manufactured a mobile miniature ski jumping hill called Mini Planica.
- It is designed to be used in all seasons, requires minimum space and is easy to install.





# 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**

BUILDING CONFIDENCE

Elan Inventa d.o.o.  
Begunje na Gorenjskem 1  
4275 Begunje na Gorenjskem  
Slovenia

Tel +386 4 53 51 333  
Fax +386 4 53 51 107  
Email [infoinventa@elan.si](mailto:infoinventa@elan.si)

[www.elan-inventa.com](http://www.elan-inventa.com)

---

---

---

---

---

---

---

---

---

---

