



## TELESCOPIC BLEACHERS

#### INDEX

GOLD	
Low back individual pvc seating	
SILVER	
Continous pvc seating	4
COPPER	
Elevated continous pvc seating	6
PLATINUM	
Continous wooden seating	{ }
PLATINUM ELEVATED	
Elevated continous wooden seating	10
RHODIUM	
Foldable seatback, Pvc seating, Manual folding	12
RUBY	
Foldable seatback, Wooden seating	14
EMERALD	
Foldable seatback, Upholstered seating	16
EMERALD PLUS	
Foldable seatback, Upholstered seating, Automatic opening	18
DIAMOND	
Foldable foot (manual) upholstered seating	20
DIAMOND PLUS	
Foldable foot, Upholstered seating, Manual foot lifting and folding system	22
COMFORT FLEX	
Flexible seating solution combining comfort, aestetics and space utility	24
CUSTOMIZATION AND OPTIONS	
FOLDING SYSTEMS	26
FLOORING	28
HANDRAILS AND "BUILT IN" SOLUTIONS	29
STRUCTURE COLOUR, RISER FINISH AND SIDE & REAR CLOSURE MARKING / STEP LIGHTING AND SEAT & FILE NUMBERING	32
HANDICAP SPACE SOLUTIONS	32

### **Decan Seating Solutions**

Decan is a company specialized in the design, engineering and manufacturing of seating solutions where demands for quality and safety are key points. Our telescopic retractable bleachers and grandstands are designed by professional engineers with extensive experience, and the finished seating systems are following and exceeding requirements from European normative and other guidelines from relevant sources.

Our seating systems can be technically and aesthetically customized and adapted to each individual project, and have been installed and used with great success in a high number of projects in different parts of the world. Safe, practical and comfortable seating solutions can be provided for any type and any size of installation or venue; Sports halls and facilities, schools, gymnasiums, universities, conference halls, theatres, multipurpose rooms or entire multipurpose facilities etc.







UAX RAFA NADAL SCHOOL OF SPORT





LOW BACK INDIVIDUAL PVC SEATING

3



A S S S A









#### CONTINOUS PVC SEATING







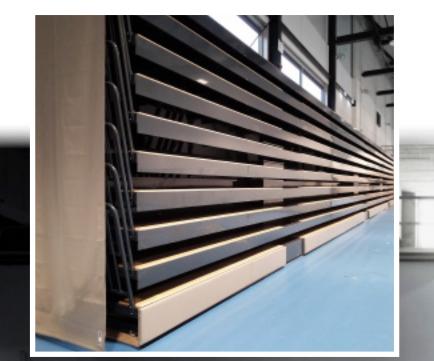


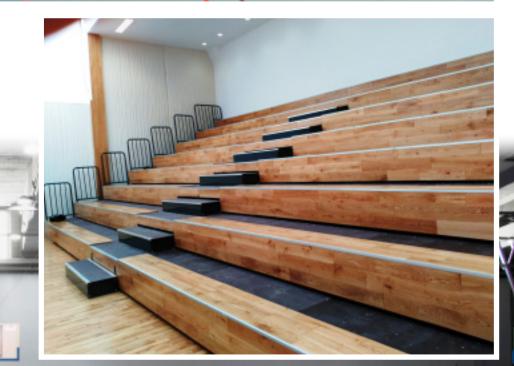
#### ELEVATED CONTINOUS PVC SEATING

# PLATINUM







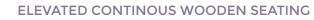


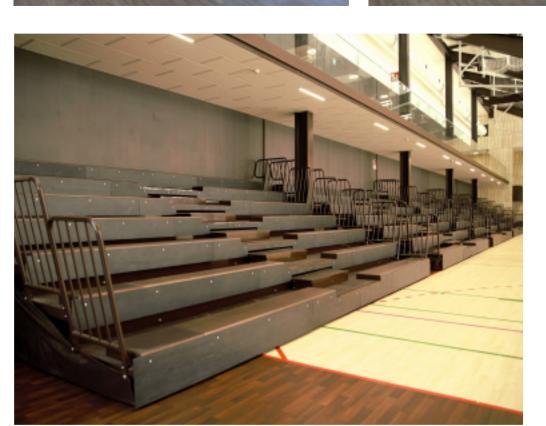
#### CONTINOUS WOODEN SEATING



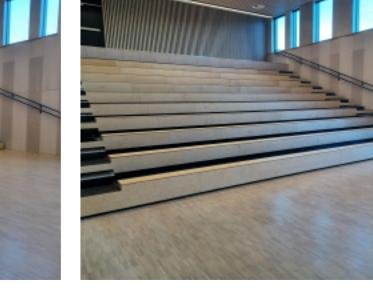
## PLATINUM ELEVATED

























FOLDABLE SEATBACK, PVC SEATING, MANUAL FOLDING

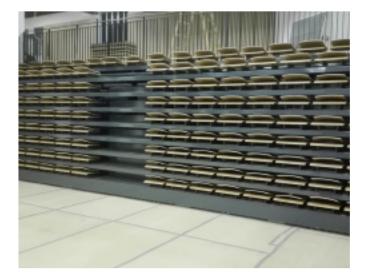














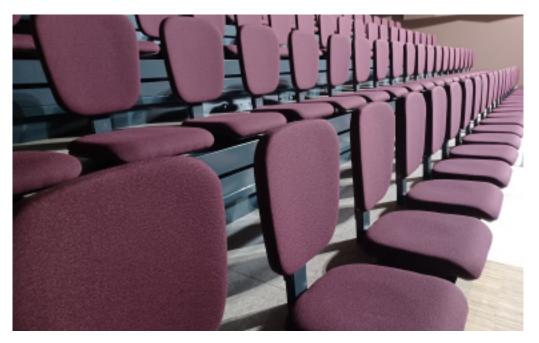
#### FOLDABLE SEATBACK, WOODEN SEATING



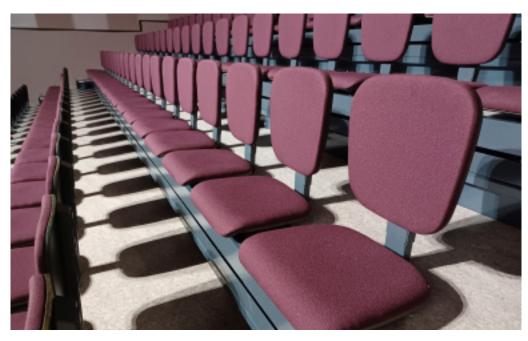


MANUAL SEAT OPENING SYSTEM

## emeralo plus









FOLDABLE SEATBACK, UPHOLSTERED SEATING, AUTOMATIC OPENING









FOLDABLE FOOT, UPHOLSTERED SEATING. MANUAL FOOT FOLDING SYSTEM

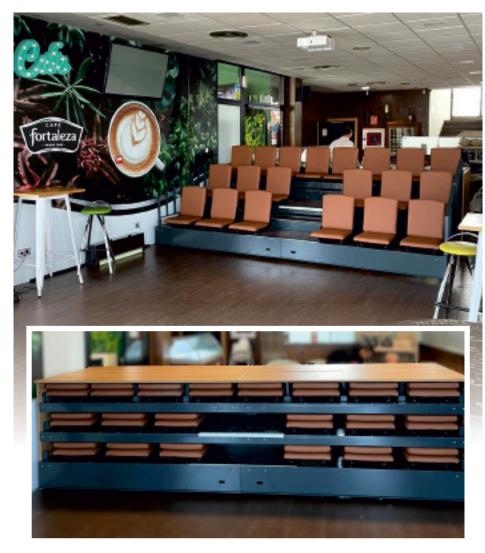
# DIAMOND PLUS



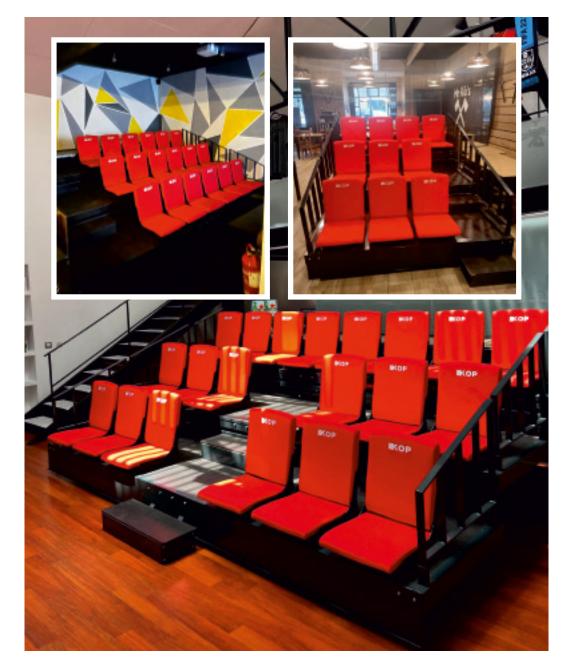
FOLDABLE FOOT, UPHOLSTERED SEATING. AUTOMATIC LIFTING AND FOLDING OF FOOT

## COMFORT FLEX









FLEXIBLE SEATING SOLUTION COMBINING COMFORT, AESTETICS AND SPACE UTILITY: When not in use, the telescopic bleacher is converted into a transportable, compact "Furniture Box" for storage and maximum space saving. Available with various seat models.

## customization and options

The telescopic bleachers from Decan are customized to each specific project with dimensions and capacity according to the need of the client. Number of rows, type of seats, finish etc. are adapted to the project requirements. There are a wide range of possibilities with respect to customization:

## FOLDING SYSTEMS

Illustration of folding systems for telescopic bleachers equipped with seats with foldable foot:

#### MANUAL FOOT FOLDING SYSTEM

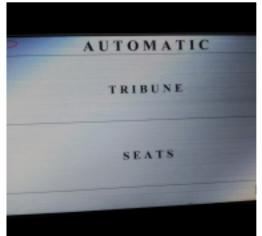




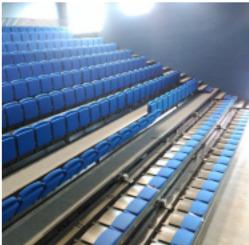




#### AUTOMATIC LIFTING AND FOLDING OF SEAT FOOT









#### **BLEACHER OPERATION SYSTEM:**

The telescopic bleachers from Decan are delivered with personalized solutions ranging from basic manual operating systems, via electric systems and to the highly sophisticated "intelligent" solutions:

- MANUAL OPERATION
- STANDARD MOTORIZED CONTROL AND OPERATION SYSTEM
- AUTOMATIC INTELLIGENT CONTROL AND OPERATION SYSTEM

MANUAL OPERATION





#### STANDARD MOTORIZED CONTROL AND OPERATION SYSTEM



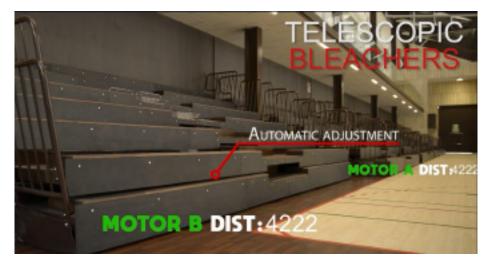




#### AUTOMATIC INTELLIGENT CONTROL AND OPERATION SYSTEM







### FLOORING

- STANDARD WOODEN FINISH
- OPTIONS OF OTHER WOODEN FINISHES, LINOLEUM, CARPET, ETC



### Handrails and "Built In" solutions

#### SIDE HANDRAILS - TYPE OPTIONS:

- INCLINED TELESCOPIC
- STRAIGHT / DEMOUNTABLE
- FOLDABLE

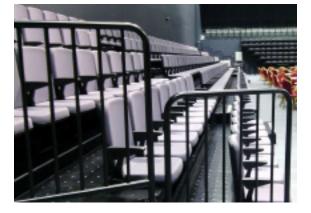
#### STYLE AND FINISH OPTIONS:

- STANDARD ROUND PROFILE
- FLAT OR SQUARE PROFILE
- DECORATIVE CLOSURE/INFILL: WOOD, POLYCARBONATE, METAL SHEETS.













#### **OPTIONS OF**

- FRONT ROW / FRONT HANDRAILS
- REAR HANDRAILS
- CUSTOMISED "BUILT IN" SOLUTION TOWARDS WALL AND COLUMNS



## STRUCTURE COLOUR, RISER FINISH AND SIDE & REAR CLOSURE

#### **OPTIONS OF:**

- STRUCTURE PAINT COLOUR
- FRONT COVER / RISER COVER MATERIAL AND COLOURS
- STRUCTURE SIDE AND REAR COVERS/CLOSURE
  - SIDE COVERS CAN BE:
    - MANUAL OR TELESCOPIC
    - STANDARD PVC, FABRIC, WOOD, STEEL, ALUMINIUM,...



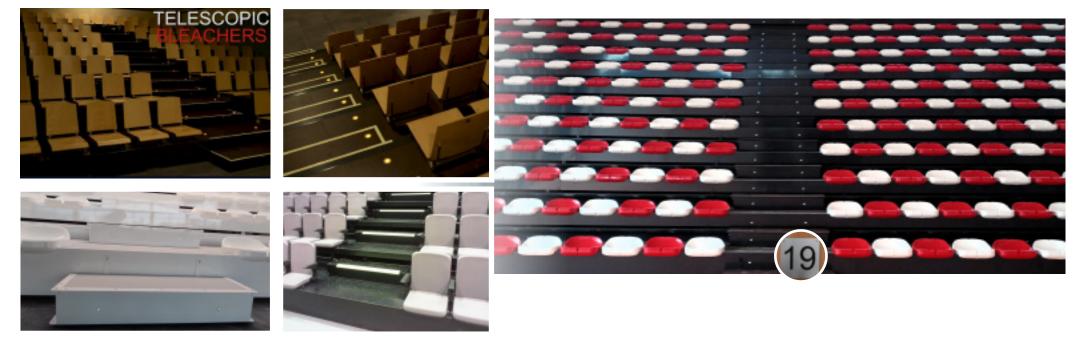




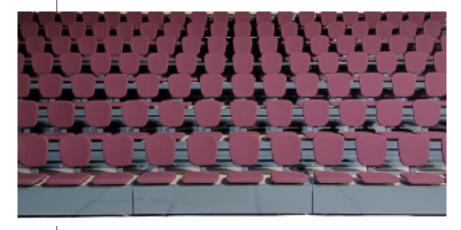


### MARKING / STEP LIGHTING AND SEAT & FILE NUMBERING OPTIONS OF

- PHOTOLUMINECENT STEP MARKING
- LED STEP LIGHTS
- SEAT AND FILE NUMBERING



### Handicap space solutions





#### Normative and certificates:

The seating solutions from Decan are subject to and follow European normative and regulations, and satisfy the specific and detailed requirements that apply to spectator facilities. Corresponding documentation and certificates for telescopic bleachers can be provided, including:

- General certificate/declaration document for the telescopic bleachers where it is confirmed that they are designed and fabricated in accordance with the specific European regulations which apply to spectator facilities: UNE-EN-13200-5: Spectator Facilities standard. Part 5: Telescopic bleachers\*.
- Structural analysis report with calculations made according to the UNE-EN-13200-5.
- **Third party official report and certification:** Compliance to European norm UNE-EN 13200-5 is confirmed also via an independent European public laboratory/technological institute.
- CE certificate and Declaration of performance document.
- Third party Factory Production Control Certificate confirming that the factory production control is assessed to be in conformity with the applicable requirements and following the European standard EN1090\*\*.

#### \*EN 13200-5 Spectator facilities – Part 5: Telescopic stands.

"This European standard specifies product characteristics for telescopic stands at permanent or temporary entertainment venues including sports stadiums, sport halls and indoor and outdoor facilities."

#### \*\*EN 1090 Conformity assessment of load-bearing components:

"EN 1090-1 is a harmonized standard that specifies requirements for the execution of load-bearing components in steel or aluminium, requirements that must be met in order for the component to be in accordance with the EU's construction products directive, including requirements for CE marking." Through this latter norm, production (including welds etc.) as well as material (including composition, quality, place of origin, etc.) is controlled at the class level required for the product being produced.







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