

Types of seats for sports tribunes

Plastic seats are available in two types: one-piece or two-piece. One-piece seats are available in three variants: without backrest, with backrest 25 cm high and with backrest 32 cm high. Two-part seats SP-38 are available in two variants: with tilting under gravity seat and with folding backrest. All are made of polypropylene and have solid supporting structure with additional ribbed reinforcements under the seat. Water is drained through the opening in the middle of the seat.

Seats are resistant to low and high temperatures and UV radiation. All have a recess for attaching a number plate.

The two-piece form also have upholstered seats with backrest, and VIP seats, with a construction made of high quality plywood. Also the seats in the form of benches (mounted on tribunes designed for this type of seats) are made of plywood.

Seat attestation: hard to ignite, toxicity, resistance.

Basic colours of the seats: green, blue, red yellow. For large projects, colours are chosen according to customer preferences.



Low seat, without backrest



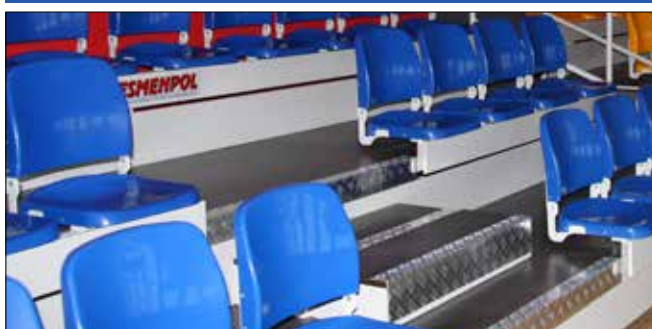
Seats with medium-high backrest (25 cm high)



Seats with high backrest (32 cm high)



Upholstered seats with backrest



Seats with folding backrest



VIP seats



Bench type seats



Seats with tilting under gravity seat

Seat on the structure, fixed to the riser

Seats are bolted to the beam, which is attached to the riser, using special brackets. With the construction, the height of the seat and the position of the seat relative to the pitch can be adjust, to make the viewing line optimal.

This type of fixing makes cleaning under the seat easier, eliminating structural elements attached to the ground, which can be an obstacle during sweeping or other cleaning works.



Seats on the structure, fixed to the step

Seats are bolted to the beam, which is attached to the step, using special supporting legs. With the construction, the position of the seat relative to the pitch can be adjust, to make the viewing line optimal. Solid hot dip galvanized or powder coated structure ensures safe long-term use.

Due to the use of high-class materials, the aesthetic qualities of the tribune do not deteriorate over the years.



Seats on freestanding structure - mobile bench

Seats are bolted to the beam, which is attached to the special legs. Legs are not permanently attached to the ground, which makes the structure moveable. Duo to mobility of the whole system, the position of the seat relative to the pitch can be adjust, to make the viewing line optimal. Solid hot dip galvanized or powder coated structure ensures safe long-term use.

Due to the use of high-class materials, the aesthetic qualities of the tribune do not deteriorate over the years.



Seats on the tilting under gravity structure

Plastic seat, equipped with gravitational mechanism, folds automatically, providing a broad passage between rows, guaranteeing users the convenience and the safety. When a seat is not used, dust, dirt, water or snow will not settle on it.

The mechanism is reliable and durable, with minimum number of parts that can fail. Does not require preservatives.

The whole structure is installed on the steel supporting beam, mounted on brackets fitted to the structure of the tribune. The bearing is made of durable plastic, intended for structural elements.



SP-38



Modern design, high aesthetics and safety - these are the most important features, that we take into account, creating each tribune.

Tribunes are designed individually for each facility, based on relevant standards and technical regulations concerning tribunes.

Safety handrails

The tribune is equipped with a set of safety rails, installed at the rear and at the sides of each unit of the structure.

In case of mounting the tribune with the back or the sides against the wall, the handrails along the length may not be necessary.

There is no need to disassemble side handrails in order to fold the tribune.



Wheels

The tribunes are equipped with safe wheels, embedded on bearings, with cylindrical cross-section and linear contact with the surface, eliminating the risk of dents to the floor.



Aluminum-polyurethane rolls



Polyamide-polyurethane rolls

Trolley for transporting tribunes

PESMENPOL tribunes can be adapted for transportation, e.g. for storage.

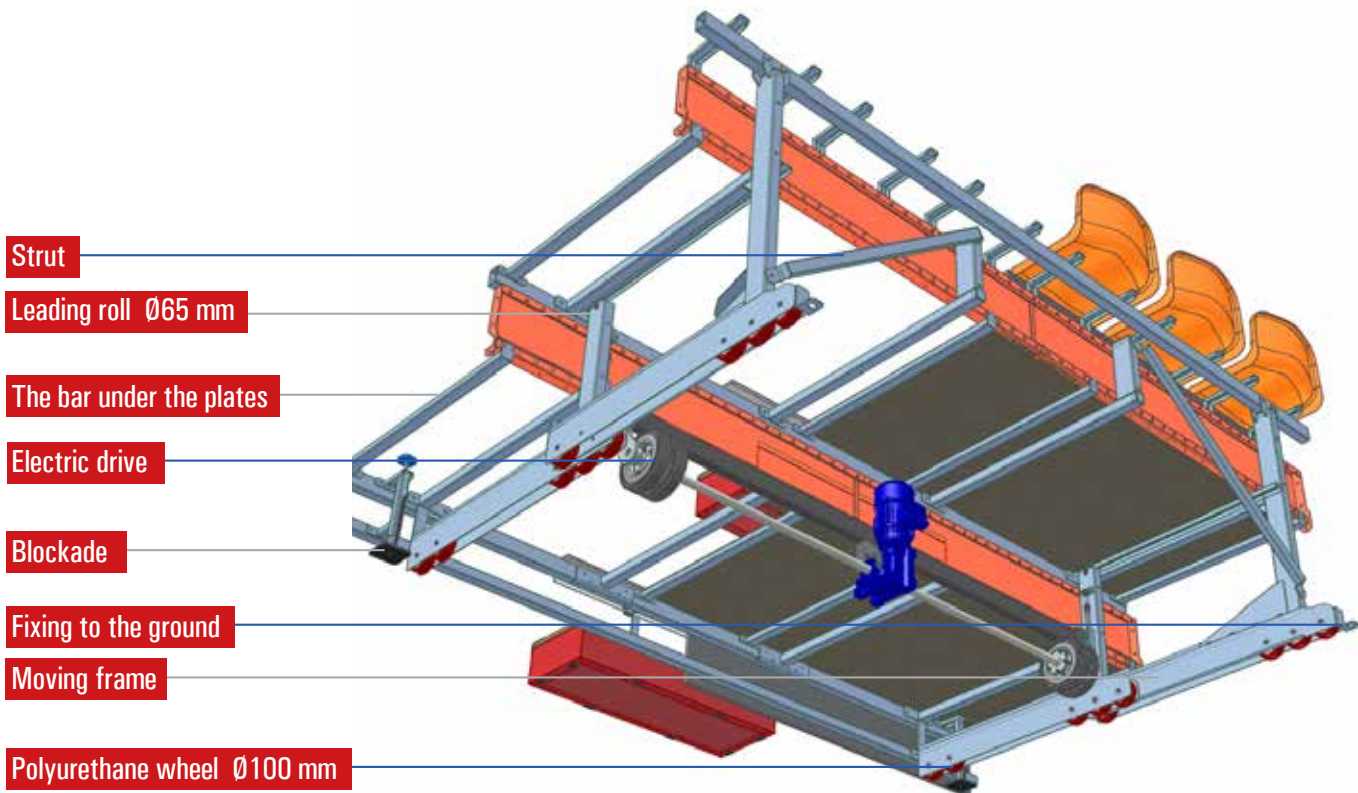
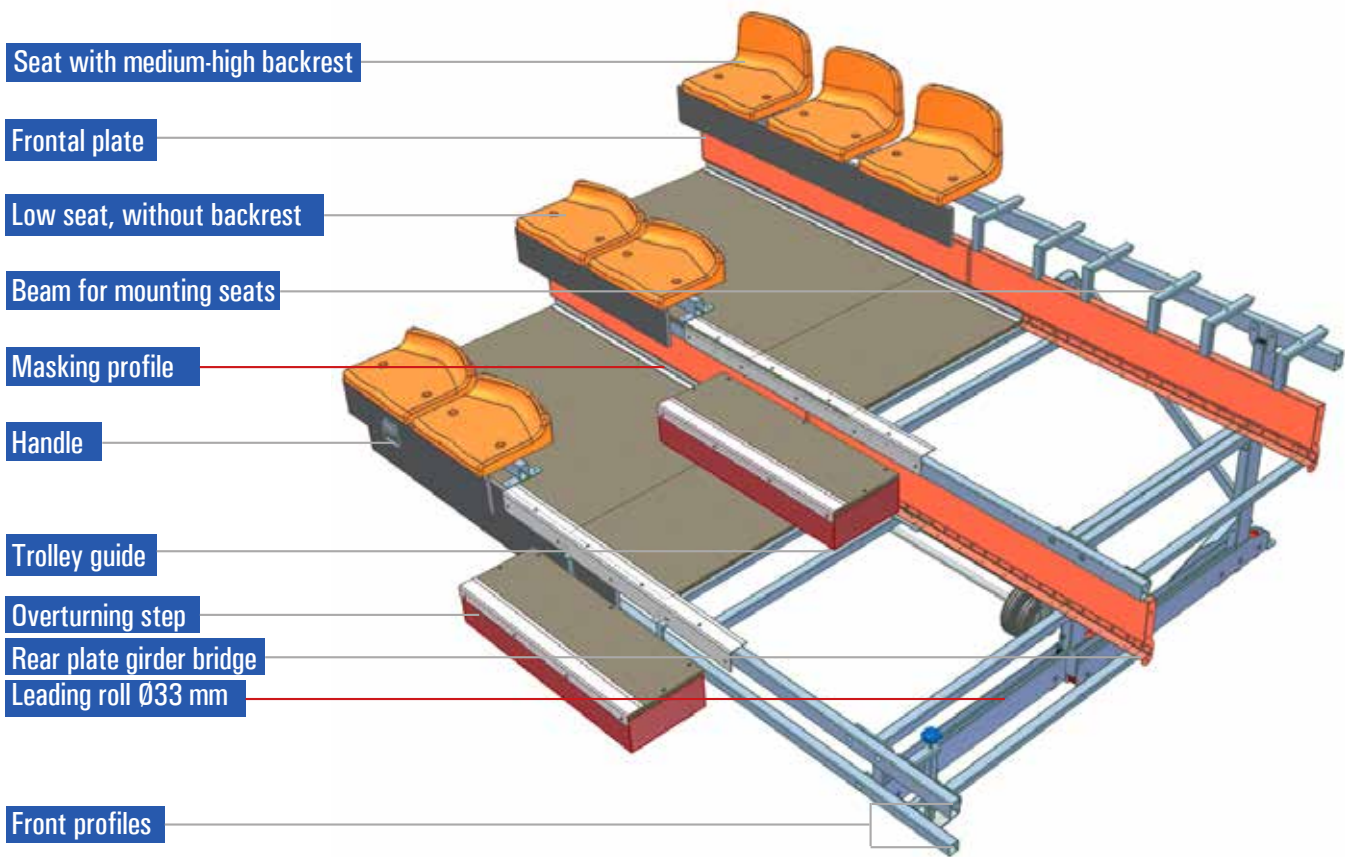
In order to transport the tribunes, we provide a set of two six-wheeled system trolleys. A folding stand has the ability to move in direction perpendicular to the wall (frontal plane of the tribune) and - after lifting, using system trolleys - possibility of transportation to any place.



14-10

BASIC FEATURES OF THE PESMENPOL TELESCOPIC TRIBUNES SYSTEM

- Structure made of powder coated steel profiles.
- Modern and simple way of folding and unfolding, based on frictionless roller system; tribune can be folded and unfolded by only one person.
- An increased number of wheels reduces the unit pressure of the tribune on the hall surface. Safe polyurethane wheels do not leave traces on the floor.
- Safe platforms are made of anti-slip board.
- Additional middle steps, finished with corrugated aluminum sheets, for ease of entering and descending from the tribune.
- There is no need to disassemble handrails in order to fold the tribune.
- Finishing elements and seats are high quality products, that meet rigorous safety regulations.



Telescopic tribune with tilting under gravity seats

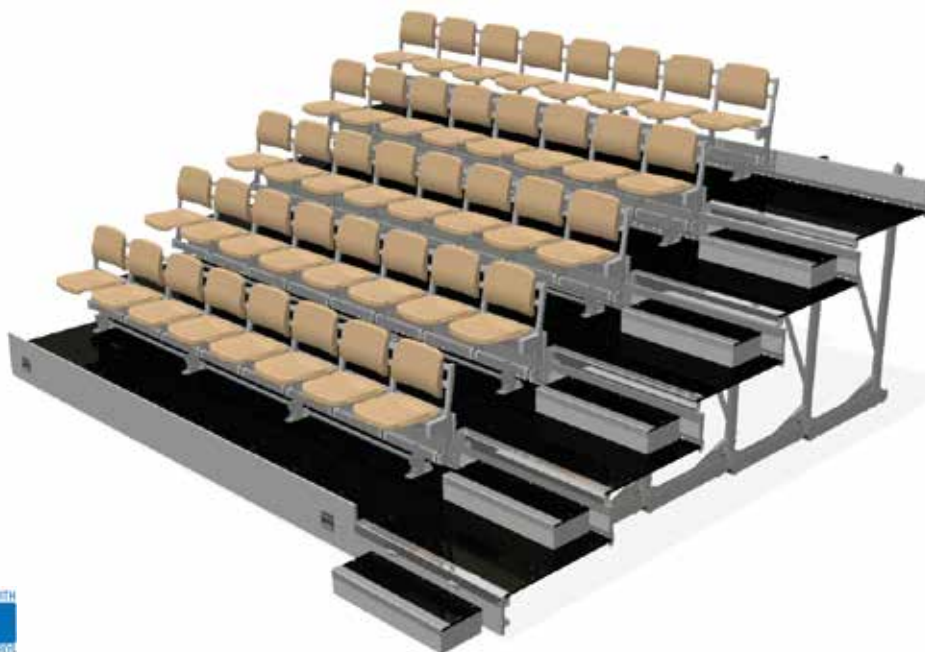
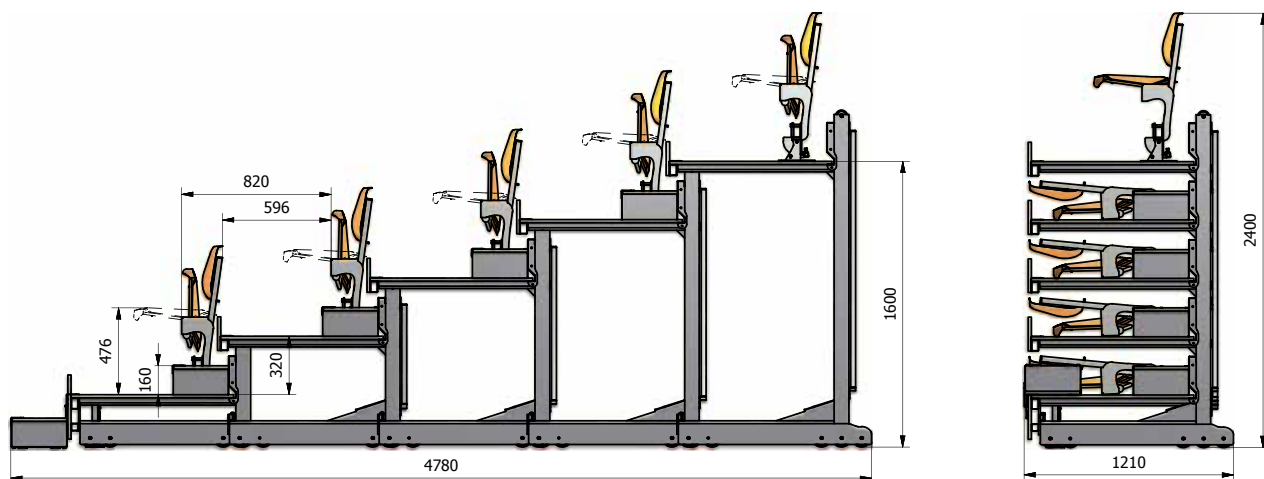
The tribune with unit structure, equipped with tilting under gravity seats SP-38. Certified, made of components that meet the highest rules, compliant with stringent quality standards. The tribune contains the elements which are customize for particular facility. The single unit is maximum 6 m wide and has from 3 to 16 rows. The wide of communication channels and the number of exits are determined by certain safety directives and standards.

The platforms are made of anti-slip boars 18 mm thick. The structure of the units is made of powder coated steel profiles. Paint surface, obtained in the powder coating process, is resistant to weathering, mechanical damage and high temperature.

The seats, equipped with gravitational mechanism, fold automatically, providing a broad passage. The width of the folded seat is 230 mm. The seats are fixed to the tilting beam, which folds during the tribune folding. The seats of the top row are fixed to the stationary beam. Colours are individually adapted to the customer requirements.

Parameters	Number of rows	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Depth of tribune in open position [cm]		314	396	478	560	642	724	806	888	970	1052	1134	1216	1298	1380
Depth of tribune in closed position [cm]		121	121	121	121	121	121	121	121	121	121	121	121	121	121
Height of the last platform [cm]		96	128	160	192	224	256	288	320	352	384	416	448	480	512
Average number of seats per 1 m*		5,3	7,0	8,7	10,4	12,1	13,7	15,4	17,1	18,8	20,5	22,2	23,8	25,5	27,2

*Average number of seats listed in the table may differ from the actual value in the finished project, due to local conditions, layout of seats, number of entrances, etc.





Telescopic tribune with folding plastic seats

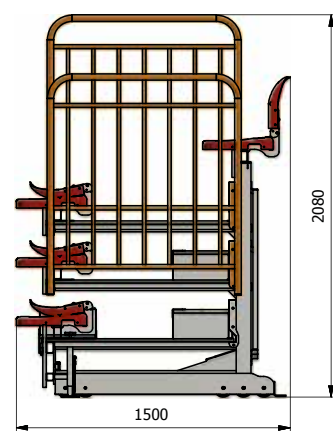
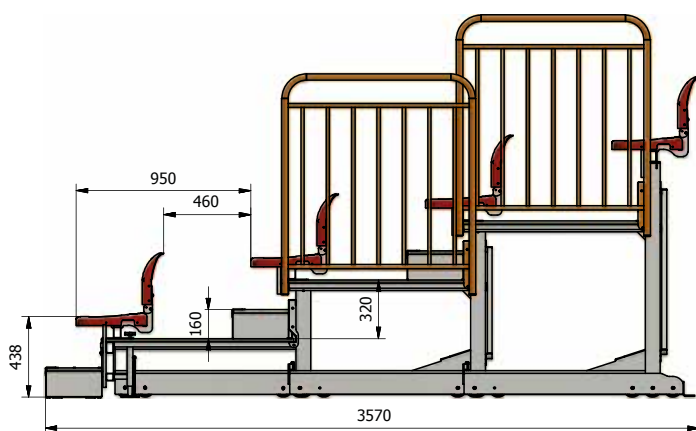
The tribune contains the elements which are customize for particular facility. The single unit is maximum 6 m wide and has from 3 to 16 rows. The wide of communication channels and the number of exits are determined by certain safety directives and standards.

The platforms are made of anti-slip boards 18 mm thick. The structure of the units is made of powder coated steel profiles. Paint surface, obtained in the powder coating process, is resistant to weathering, mechanical damage and high temperature.

Folding seat consists of two elements: the lower part, attached to the tribune permanently, and backrest, fixed to the tilting beam, which folds during the tribune folding. Two last rows are equipped with seats with backrests installed permanently. Colours are individually adapted to the customer requirements.

Parameters	Number of rows	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Depth of tribune in open position [cm]		263	358	453	548	643	738	833	928	1023	1118	1213	1308	1403	1498
Depth of tribune in closed position [cm]		151	151	151	151	151	151	151	151	151	151	151	151	151	151
Height of the last platform [cm]		64	96	128	160	192	224	256	288	320	352	384	416	448	480
Average number of seats per 1 m*		5,3	7,0	8,7	10,4	12,1	13,7	15,4	17,1	18,8	20,5	22,2	23,8	25,5	27,2

*Average number of seats listed in the table may differ from the actual value in the finished project, due to local conditions, layout of seats, number of entrances, etc.



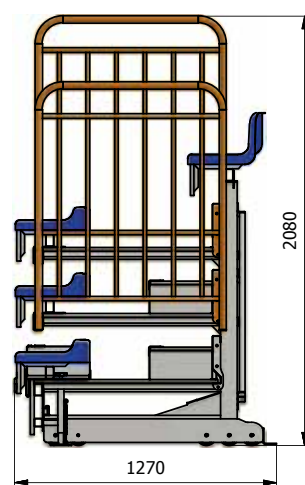
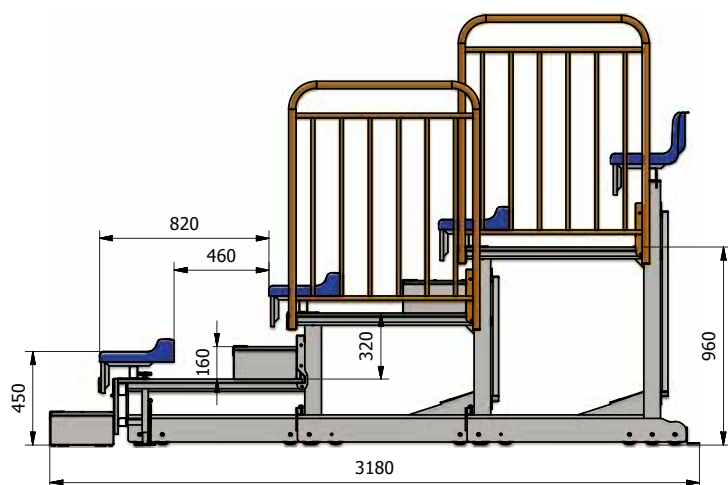


Telescopic tribune with plastic seats

The tribune contains the elements which are customize for particular facility. The single unit is maximum 6 m wide and has from 3 to 16 rows. The wide of communication channels and the number of exits are determined by certain safety directives and standards. The platforms are made of anti-slip boars 18 mm thick. The structure of the units is made of powder coated steel profiles. Paint surface, obtained in the powder coating process, is resistant to weathering, mechanical damage and high temperature. Due to the structure, the lower rows of the tribune are equipped with plastic seats without backrest, which hide in the space between the platforms while folding the tribune. The last row is equipped with seats with medium-high backrest (25 cm high). Colours are individually adapted to the customer requirements.

Parameters	Number of rows	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Depth of tribune in open position [cm]		232	314	396	478	560	642	724	806	888	970	1052	1134	1216	1298
Depth of tribune in closed position [cm]		127	127	127	127	127	127	127	127	127	127	127	127	127	127
Height of the last platform [cm]		64	96	128	160	192	224	256	288	320	352	384	416	448	480
Average number of seats per 1 m*		5,3	7,0	8,7	10,4	12,1	13,7	15,4	17,1	18,8	20,5	22,2	23,8	25,5	27,2

*Average number of seats listed in the table may differ from the actual value in the finished project, due to local conditions, layout of seats, number of entrances, etc.





Telescopic tribunes with wooden benches

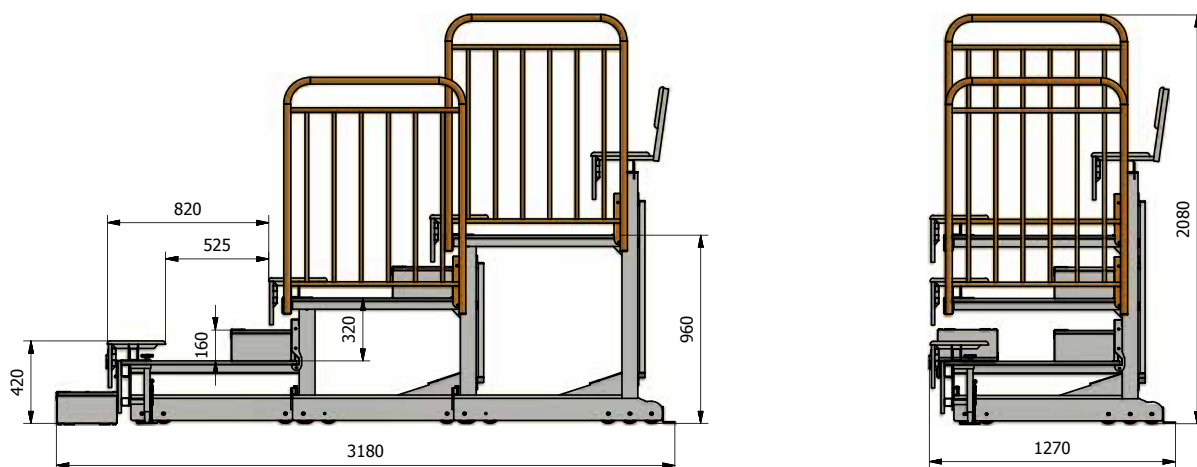
The tribune contains the elements which are customize for particular facility. The single unit is maximum 6 m wide and has from 3 to 16 rows. The wide of communication channels and the number of exits are determined by certain safety directives and standards.

The platforms are made of anti-slip boars 18 mm thick. The structure of the units is made of powder coated steel profiles. Paint surface, obtained in the powder coating process, is resistant to weathering, mechanical damage and high temperature.

The tribune is equipped with benches, made of laminated wooden boards, protected with a layer of lacquer with increased fire resistance and polished. The top row of benches is equipped with a backrest, made of the same wooden boards. Colours are individually adapted to the customer requirements.

Parameters	Number of rows	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Depth of tribune in open position [cm]		232	314	396	478	560	642	724	806	888	970	1052	1134	1216	1298
Depth of tribune in closed position [cm]		127	127	127	127	127	127	127	127	127	127	127	127	127	127
Height of the last platform [cm]		64	96	128	160	192	224	256	288	320	352	384	416	448	480
Average number of seats per 1 m*		5,3	7,0	8,7	10,4	12,1	13,7	15,4	17,1	18,8	20,5	22,2	23,8	25,5	27,2

*Average number of seats listed in the table may differ from the actual value in the finished project, due to local conditions, layout of seats, number of entrances, etc.





Telescopic tribunes with upholstered seats

Telescopic tribune with folding upholstered seats with armrests, equipped with electric drive. The system consists of moving frames, front- and back connectors, crossbeams and platform boards, covered with carpet.

Moving frames are made of closed steel profiles 80x40x2 mm, 40x40x2 mm, steel C-sections 40x40x40x2 mm, 20x40x20x3 mm and hot rolled metal sheets #3, #5 and #8 mm thick. The frame is equipped with wheels with safe polyurethane track, with the diameter of 100 mm, and leading rollers, moving inside the profiled furrow of the following frame. The frames are connected using back and front connectors. The front connector is made of profile 60x40x2 mm; the back connector is made of cold rolled metal sheet 1,5 mm thick. The back connector is bent into a special shape and therefore can carry greater load.

The structure is additionally stiffened by crossbeams and struts, made of closed steel profile 40x27x2 mm, finished with fixing plates.

Platform boards, made of multi-layered anti-slip plywood 18 mm thick and covered with grey carpet (as a standard), are assembled directly to the structure. The seats with the folding mechanism are attached to the platforms.

The single seat consists of a movable seat, backrest and armrests. The movable seat is equipped at the rear with an additional ballast, which allows for automatic return to the vertical position.

The structure of the seat, backrest and armrests is made of steel sheets and wood, covered with soft sponge; the whole is upholstered with red velour material (as a standard).

Axial spacing of seats	500 mm
Type of seats	Folding seats with backrest
Level difference between platforms	320 mm – standard
The height of the middle steps	160 mm – standard
Steps finishing	Anti-slip corrugated aluminum sheets
The width of the entrances	> 120 cm
Metal surfaces finishing	Powder coating by the RAL palette As a standard RAL 7035
Handrails colour	Powder coating by the RAL palette As a standard RAL 2004
Material of the platform	Multi-layered plywood covered with carpet Other finishing available on special request





Telescopic tribune with plastic seats – TTW-350

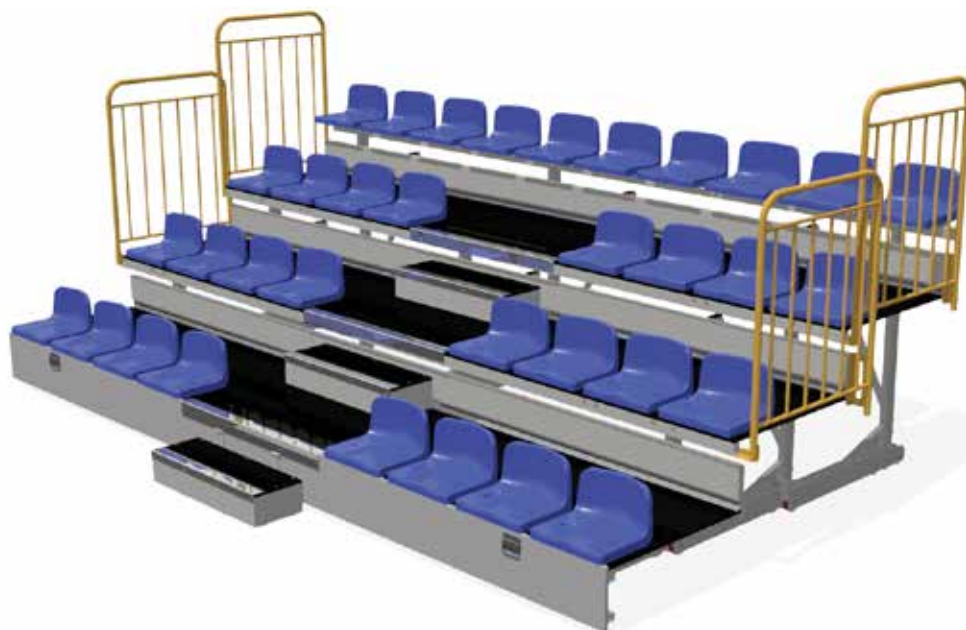
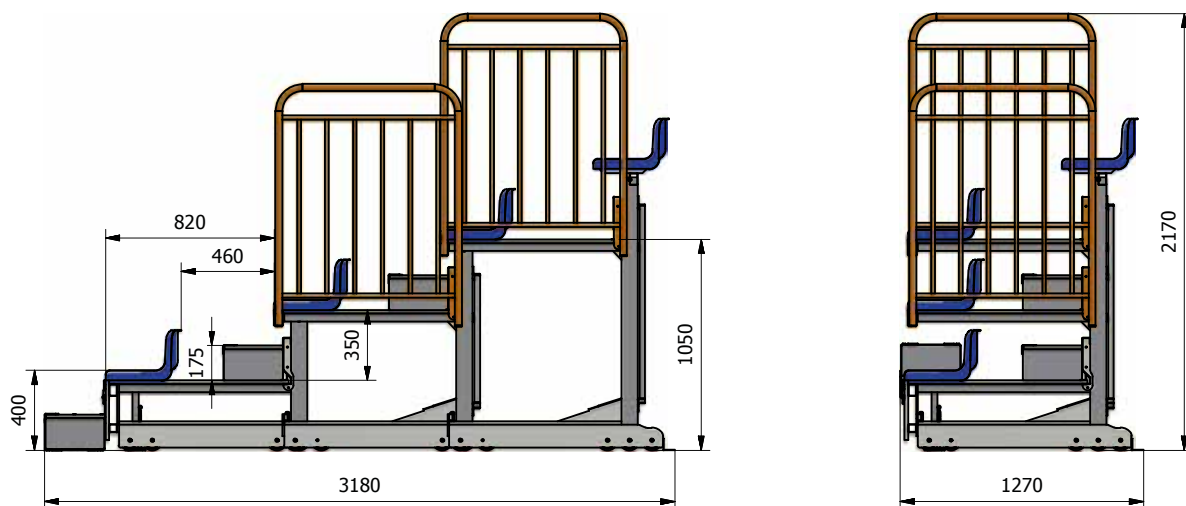
The tribune contains the elements which are customize for particular facility. The single unit is maximum 6 m wide and has from 3 to 16 rows. The wide of communication channels and the number of exits are determined by certain safety directives and standards. The platforms are made of anti-slip boars 18 mm thick. The structure of the units is made of powder coated steel profiles. Paint surface, obtained in the powder coating process, is resistant to weathering, mechanical damage and high temperature.

The tribune is equipped with the seats with backrest 25 cm high. When the tribune is folded, the seats are hiding into the space between platforms (it is possible by increasing the difference of levels between following rows).

Colours are individually adapted to the customer requirements.

Parameters	Number of rows	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Depth of tribune in open position [cm]		236	318	400	482	564	646	728	810	892	974	1056	1138	1220	1302
Depth of tribune in closed position [cm]		127	127	127	127	127	127	127	127	127	127	127	127	127	127
Height of the last platform [cm]		70	105	140	175	210	245	280	315	350	385	420	455	490	525
Average number of seats per 1 m*		5,3	7,0	8,7	10,4	12,1	13,7	15,4	17,1	18,8	20,5	22,2	23,8	25,5	27,2

*Average number of seats listed in the table may differ from the actual value in the finished project, due to local conditions, layout of seats, number of entrances, etc.





Tribunes folded up against the wall, type RANTZWOS

Solid steel construction provides the long-lasting and stable use. Built-in gas springs allow for easy folding and unfolding the tribune - manually or electrically (depending on the chosen version), by only one person. The system also allows for the installation and operating of the tribunes in facilities with lack of space for standard telescopic or stationary tribunes.

Tribunes are customized for customer needs, considering also technical conditions of particular facility. The tribune contains 2 - 5 rows. Each unit is 2020 mm long and has 4 seats in one row.

Technical specification of standard tribune:

- steel structure + safety handrails, powder coated in white (RAL 9003) or galvanized;
- the structure of the seats and risers – wooden, varnished;
- folding mechanism for tribune with 2 – 4 rows – manual;
- folding mechanism for tribune with 5 rows – electric.

To increase comfort, the new type of tribune is equipped with backrests made of bent plywood. The backrest could be also fit up with upholstery.

Type	Open position		Closed position		Options				
	The depth (to the wall)	The height of the last row	The depth (to the wall)	The height of the last row	Stairs	Integrated side handrails	Demountable side handrails	Colour on request	Electric drive
2 rows [cm]	125,5	80	21	142,5	•	•	•	•	•
3 rows [cm]	192	120	27,7	202,5	•	•	•	•	•
3 rows NEW TYPE [cm]	221	120	27,7	234,5	•	•	•	•	•
4 rows [cm]	258,5	160	34	264,5	•	•	•	•	•
5 rows [cm]	325	200	40	324,5	•	•	•	•	Standard
2 rows movable [cm]	125,5	80	21	142,5	•	•	•	•	•
3 rows movable [cm]	192	120	27,7	202,5	•	•	•	•	•





Telescopic folding tribune without seats, with LED lighting

Telescopic folding tribune, without seats, with LED lighting, equipped with electric drive.

The system consists of moving frames, front- and back connectors, crossbeams and platform boards, covered with carpet.

Moving frames are made of steel closed profiles 80x40x2 mm, 40x40x2 mm, steel C-sections 40x40x40x2 mm, 20x40x20x3 mm and hot rolled metal sheets #3, #5 and #8 mm thick. The frame is equipped with wheels with safe polyurethane track, with the diameter of 100 mm, and leading rollers, moving inside the profiled furrow of the following frame.

The frames are connected using back and front connectors. The front connector is made of profile 60x40x2 mm, the back connector is made of cold rolled metal sheet 1,5 mm thick. The back connector is bent into a special shape and therefore can carry greater load.

The structure is additionally stiffened by crossbeams and struts, made of closed steel profile 40x27x2 mm, finished with fixing plates. Platform boards, made of multi-layered anti-slip plywood 18 mm thick and covered with grey carpet (as a standard), are assembled directly to the structure.

The tribune is designed according to the client's guidelines. Through the wide range of maneuvering the difference between the levels of the successive platforms and the length of the entire tribune, it is possible to fit the tribune to each object and any function.

LED lighting in various configurations, for example on communication channels only or on the entire length of the tribune, on each platform, is provided for special order.

Level difference between platforms	320 mm – standard Possibility of customizing
The height of the middle steps	160 mm – standard Possibility of customizing
Steps finishing	Anti-slip corrugated aluminum sheets
The width of the entrances	> 120 cm
Metal surfaces finishing	Powder coating by the RAL palette As a standard RAL 7035
Handrails colour	Powder coating by the RAL palette As a standard RAL 2004
Material of the platform	Multi-layered plywood covered with carpet Other finishing available on special request







Stationary tribunes

The structure of stationary tribune is made of closed steel profiles and metal sheets, protected against corrosion by powder coating (tribunes for indoor use) or by hot dip galvanizing (tribunes for outdoor use).

The design of the tribune is customize for particular facility, according to the safety directives concerning tribunes.

Tribunes are certified for compliance with the standards PN-EN 13200-1, PN-EN 13200-3:2006.

Platforms

Stationary tribunes intended for outdoor use are equipped with platforms made of hot dip galvanized steel lattice or corrugated aluminum sheets. Tribunes for indoor use are equipped with platforms made of wooden board 18 mm thick, covered with carpets intended for use in public utility and finished with decorative aluminum profiles.

Safety handrails

Each tribune is equipped with a set of safety rails, installed at the rear and at the sides of each unit of the structure.

Handrails are protected against corrosion by powder coating (in orange RAL 2004 as a standard).



Seats

Stationary tribunes are equipped with plastic seats, available in three types: without backrest, with backrest 25 cm high and with backrest 32 cm high. Basic colours of the seats: yellow (RAL 1003), red (RAL 3020), blue (RAL 5010), green (RAL 6032). Colours available at order of minimum 100 pcs: orange (RAL 2008), gray (RAL 7001 or 7038 or 7040), white (RAL 9003), black (RAL 9017). Other colour options available when ordering more than 200 pcs.

Tribunes intended for indoor use can be equipped with wooden benches, made of varnished wooden slats.



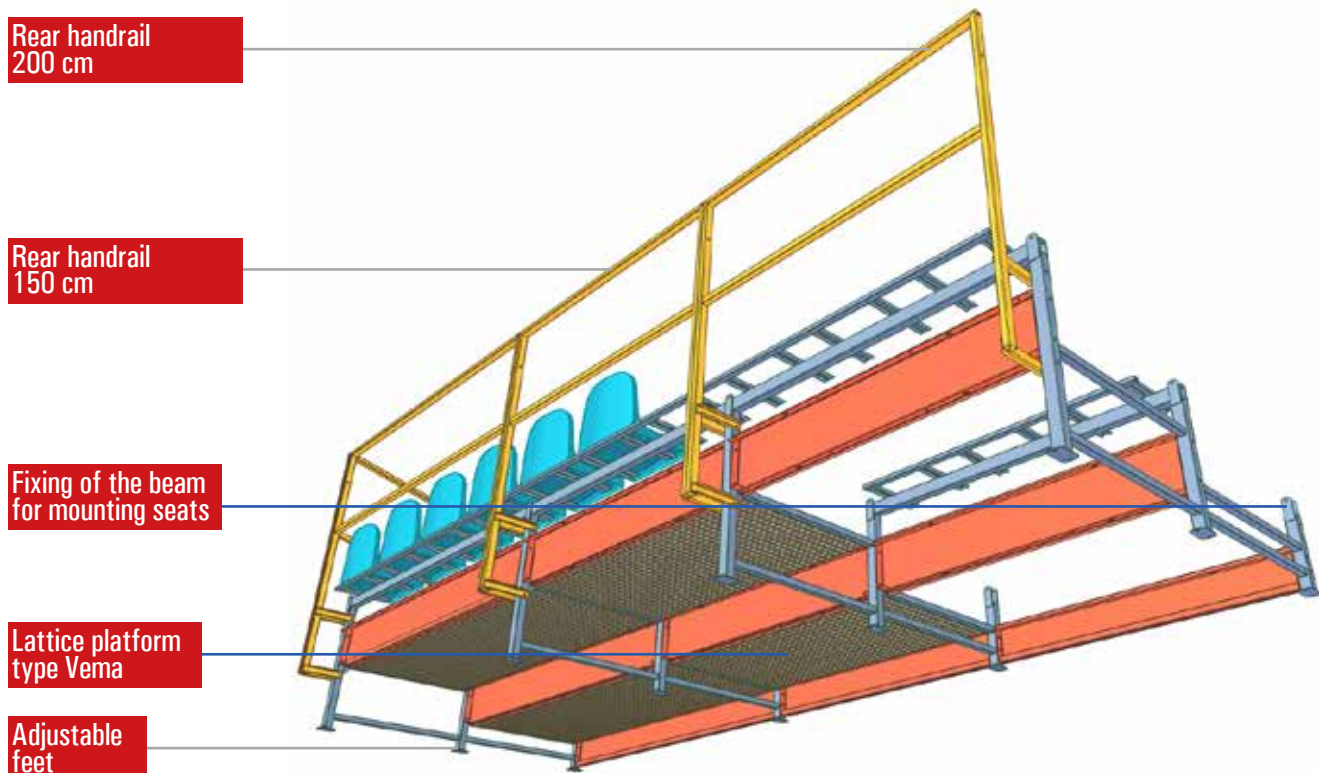
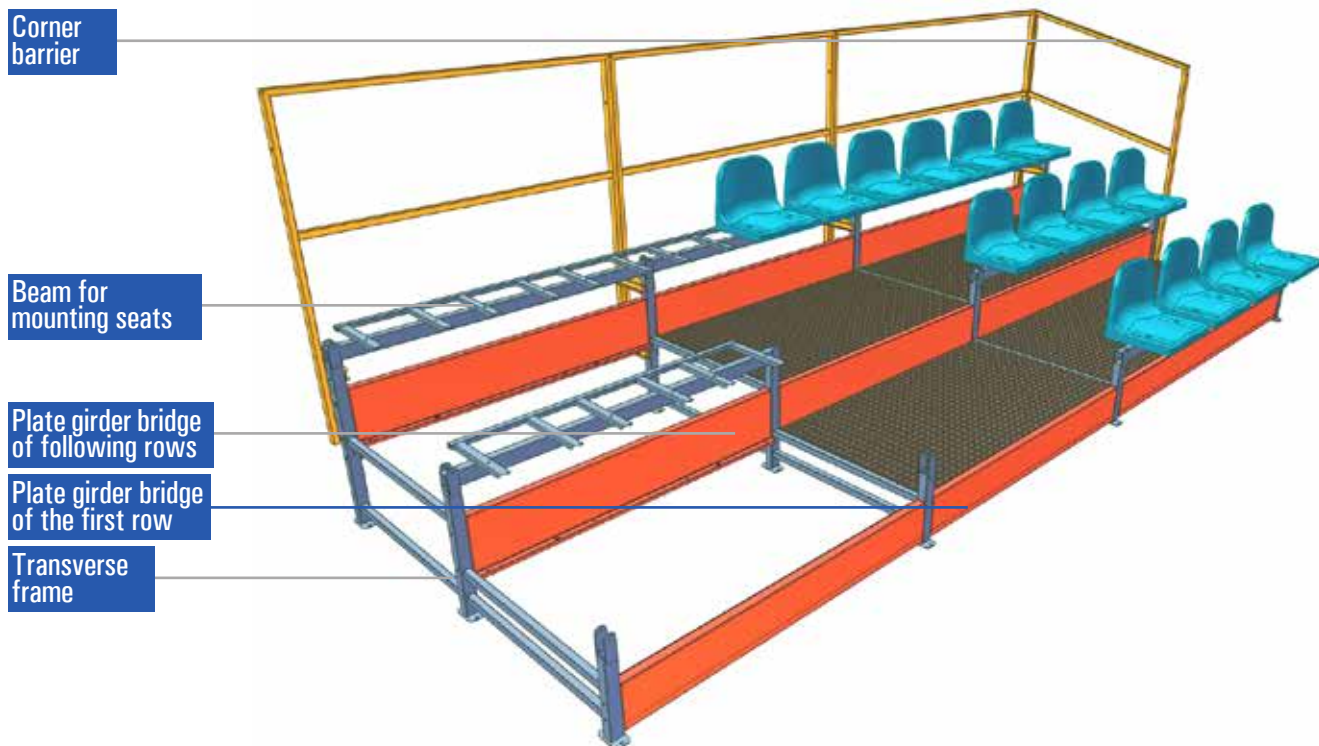
S-10 Low seat, without backrest



S-25 Seat with medium-high backrest (25 cm high)



S-32 Seat with high backrest (32 cm high)



Stationary tribune with a riser, type TSH-200

Stationary tribune for indoor use, with plastic seats and platforms made of the board covered with anti-slip covering.

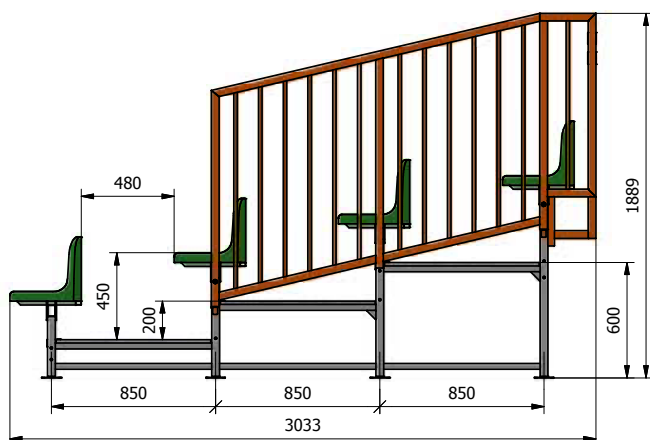
The structure of the tribune is made of closed steel profiles (transverse frames, connectors, brackets for attaching seats) and cold rolled metal sheets 1,5 mm thick, bent in a special shape, powder coated to any color in the RAL palette (as a standard RAL 7035 – light gray).

The frames are mounted in standard spacing of 2000 mm, 1500 mm or 1250 mm. Hard to ignite plastic seats available in three types: without backrest, with medium-high backrest and with high backrest. The tribune is equipped with safety handrails, installed at the rear and at the sides, powder coated in orange (RAL 2004).

The design of the tribune is customize for particular facility, according to the safety directives concerning tribunes.

Parameters \ Number of rows	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Depth of tribune [cm]	128	213	298	383	468	553	638	808	893	978	1063	1148	1233	1318
Height of the last platform [cm]	20	40	60	80	100	120	140	160	180	200	220	240	260	280
Average number of seats per 1 m*	~3,5	~5	~6,5	~8	~9,5	~11	~12,5	~14	~16,5	~18	~19,5	~21	~22,5	~24

*Average number of seats listed in the table may differ from the actual value in the finished project, due to local conditions, layout of seats, number of entrances, etc.





Stationary tribunes with plastic seats

Stationary tribune for indoor use, with plastic seats and platforms made of the board covered with anti-slip covering.

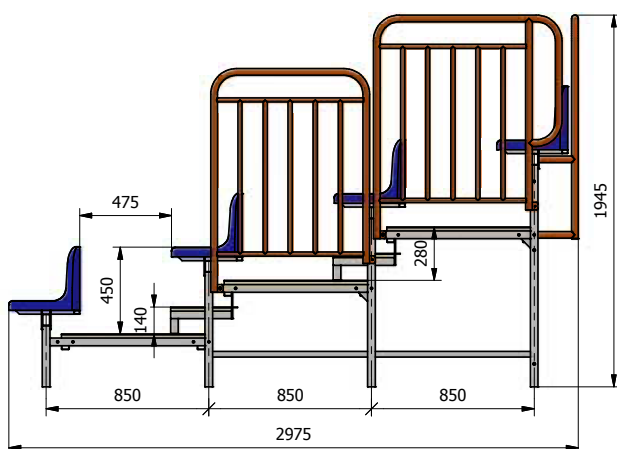
The structure of the tribune is made of closed steel profiles (transverse frames, connectors, brackets for attaching seats), protected by powder coating. The frames are mounted in standard spacing of 2000 mm, 1500 mm or 1250 mm.

Plastic seats (hard to ignite) are available in three types: without backrest, with medium-high backrest and with high backrest. The tribune is equipped with safety handrails, assembled at the rear and at the sides, powder coated in orange (RAL 2004).

The design of the tribune is customize for particular facility, according to the safety directives concerning tribunes.

Parameters	Number of rows	2	3	4	5	6	7	8
Depth of tribune [cm]		125	210	295	380	465	550	635
Height of the last platform [cm]		28	56	84	112	140	168	196
Average number of seats per 1 m*		~ 3,5	~ 5	~ 6,5	~ 8	~ 9,5	~ 11	~ 12,5

*Average number of seats listed in the table may differ from the actual value in the finished project, due to local conditions, layout of seats, number of entrances, etc.



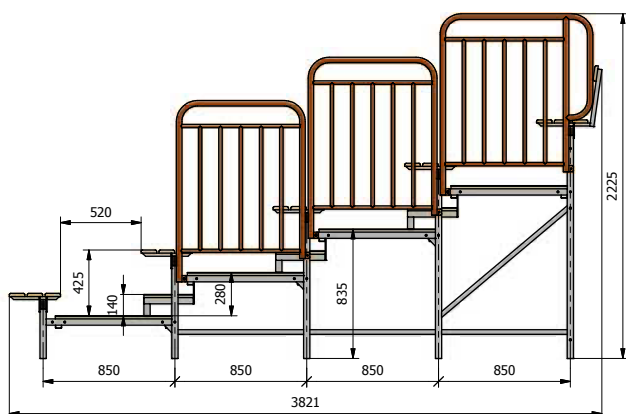


Stationary tribune with wooden benches

Stationary tribune for indoor use, with wooden benches and platforms made of the board covered with anti-slip covering. The structure of the tribune is made of closed steel profiles (transverse frames, connectors, brackets for attaching seats), protected by powder coating. The frames are mounted in standard spacing of 2000 mm, 1500 mm or 1250 mm. The bench is made of wooden slats, covered with fire-resistant lacquer. The top row of benches is equipped with backrest, also made of wooden slats. The tribune is equipped with middle steps and safety handrails, assembled at the sides, powder coated in orange (RAL 2004). The design of the tribune is customized for particular facility, according to the safety directives concerning tribunes.

Parameters \ Number of rows	2	3	4	5	6	7	8
Depth of tribune [cm]	125	210	295	380	465	550	635
Height of the last platform [cm]	28	56	84	112	140	168	196
Average number of seats per 1 m*	~ 3,5	~ 5	~ 6,5	~ 8	~ 9,5	~ 11	~ 12,5

* Average number of seats listed in the table may differ from the actual value in the finished project, due to local conditions, layout of seats, number of entrances, etc.





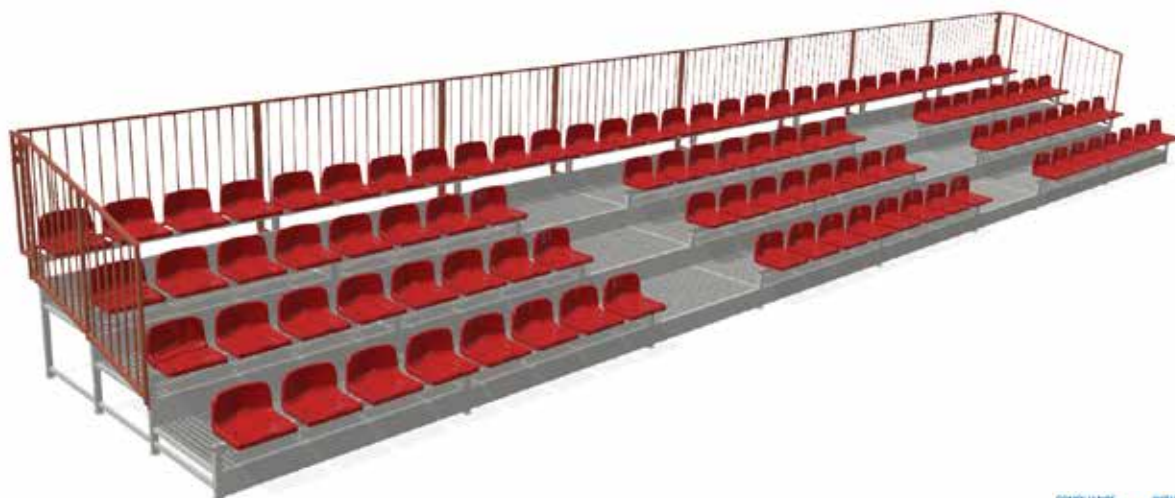
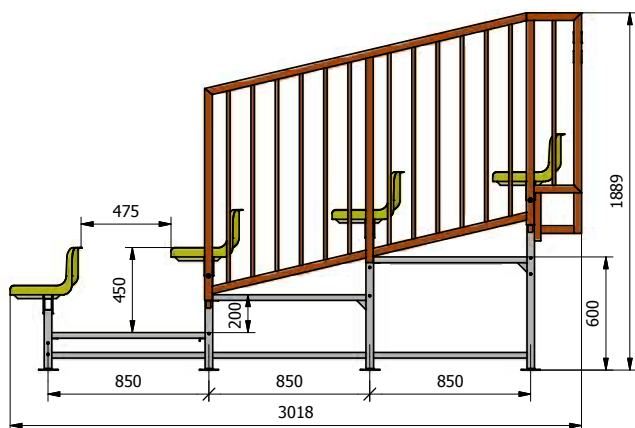
Stationary tribune for outdoor use with a riser, type TSD-200,

Stationary tribune for outdoor use, with plastic seats and risers made of galvanized steel lattice or corrugated aluminum sheets. The structure of the tribune is made of closed steel profiles (transverse frames, connectors, brackets for installing seats) and cold rolled metal sheets 1,5 mm thick, protected by hot dip galvanizing. The frames are mounted in standard spacing of 2000 mm, 1500 mm or 1250 mm.

Plastic seats (hard to ignite) are available in three types: without backrest, with medium-high backrest and with high backrest. The tribune is also equipped with safety handrails, installed at the rear and at the sides, powder coated. The design of the tribune is customized for particular facility, according to the safety directives concerning tribunes.

Parameters \ Number of rows	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Depth of tribune [cm]	128	213	298	383	468	553	638	808	893	978	1063	1148	1233	1318
Height of the last platform [cm]	20	40	60	80	100	120	140	160	180	200	220	240	260	280
Average number of seats per 1 m*	~3,5	~5	~6,5	~8	~9,5	~11	~12,5	~14	~16,5	~18	~19,5	~21	~22,5	~24

*Average number of seats listed in the table may differ from the actual value in the finished project, due to local conditions, layout of seats, number of entrances, etc.

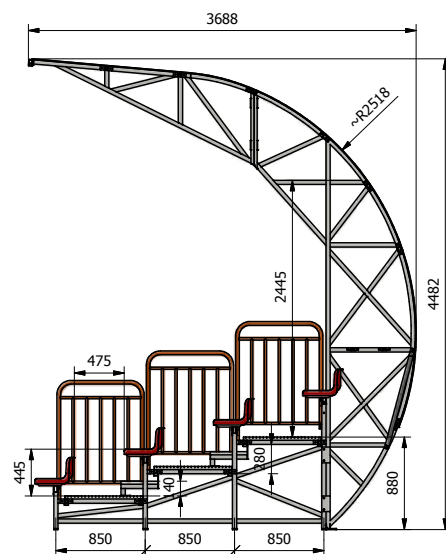
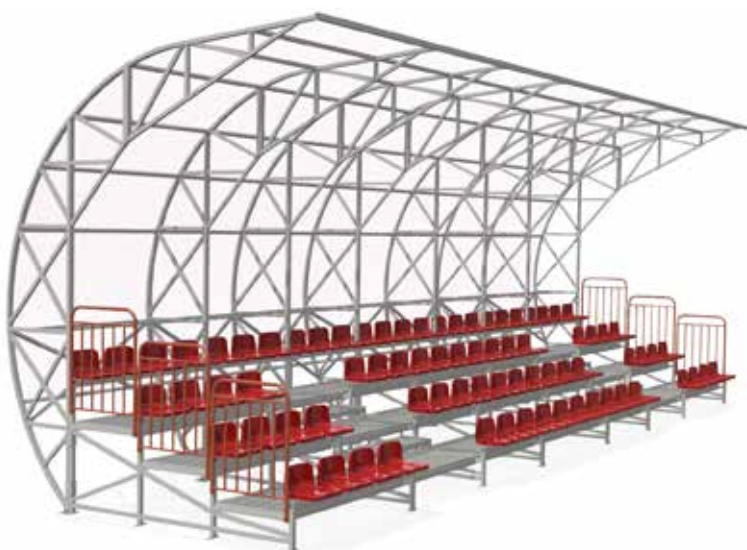




Roofed stationary tribune for outdoor use

Stationary roofed tribune for outdoor use, with 3 or 4 rows, plastic seats and the roof, made of cellular polycarbonate. The tribune consists of: transverse frames, connectors, brackets for installing seats, platforms and seats. The frames are mounted in standard spacing of 2000 mm or 1500 mm.

Galvanized lattice platforms, type VEMA, are screwed directly to the structure of the tribune. The frame of the roof structure, consisting of two parts, is assembled to the transverse frames of the tribune and anchored directly to the ground (concrete foundations). The cover of the roof is made of cellular polycarbonate plates 8 mm thick, coated 2 x UV. The whole structure is protected against corrosion by hot-dip galvanizing. Plastic seats (hard to ignite) available in three types: without backrest, with medium-high backrest and with high backrest. The tribune is also equipped with middle steps and safety handrails.





Stationary tribunes for outdoor use with plastic seats

Stationary tribune with plastic seats is equipped with handrails assembled at the sides and at the back.

Level difference between following platforms is 280 mm.

Plastic seats are available in three types: without backrest, with backrest 25 cm high and with backrest 32 cm high.

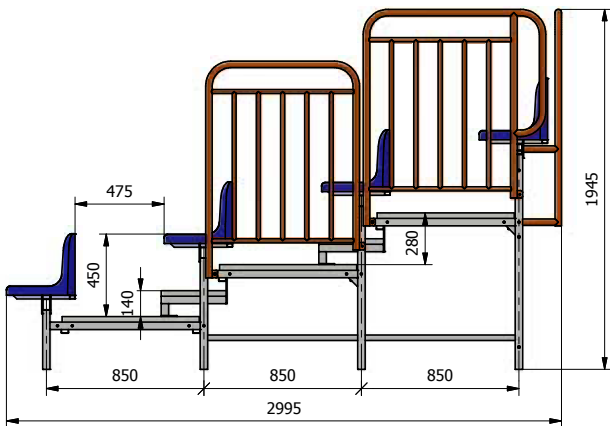
All are made of polypropylene and have solid supporting structure with additional ribbed reinforcements under the seat. The double rear wall significantly increases the seat's resistance to vandalism. Water is drained through the opening in the middle of the seat.

Seats are resistant to low and high temperatures and UV radiation. Seat attestation: hard to ignite, toxic, resistance.

Basic colours of the seats: green, blue, red yellow. For large projects, colours are chosen according to customer preferences.

Parameters \ Number of rows	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Depth of tribune [cm]	128	213	298	383	468	553	638	808	893	978	1063	1148	1233	1318
Height of the last platform [cm]	28	56	84	112	140	168	196	224	252	280	308	336	364	392
Average number of seats per 1 m*	3,5	5	6,5	8	9,5	11	12,5	14	15,5	17	18,5	20	21,5	23

*Average number of seats listed in the table may differ from the actual value in the finished project, due to local conditions, layout of seats, number of entrances, etc.



Stationary mobile tribune for outdoor use, type TMZ

Stationary mobile tribune for outdoor use, with plastic seats and platforms made of galvanized lattice platform. Tribune is designed for the purpose of handling events, due to the possibility of quick assembly and disassembly, and flexibility in setting up ad hoc the audience. The system is designed in a way as to stop unauthorized removal of individual elements, which prevent thefts. The tribune is intended for assembling on the hardened ground. The tribune structure is made of closed steel profiles. The main frames are made of closed steel profiles with pillars made of profile 50x40 mm. The longitudinal beams, which connect the frames, are made of profiled metal sheets and are equipped with special handles, allowing quick installation by hanging on the transverse frames. They support the platforms and also serve as risers. The level difference between following platforms is 200 mm, eliminating the need for steps and middle steps. Hard to ignite plastic seats are offered in three types: without backrest, with medium-high backrest and with high backrest. Transverse frames are equipped with adjustable feet, allowing to compensate for uneven floor in the range to 50 mm. The handrails 110 cm high, assemble at the ends and, if necessary, at the back of the tribune. All metal components are hot-dip galvanized.

Parameters	Number of rows	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Depth of tribune [cm]		128	213	298	383	468	553	638	808	893	978	1063	1148	1233	1318
Height of the last platform [cm]		20	40	60	80	100	120	140	160	180	200	220	240	260	280
Average number of seats per 1 m*		~3,5	~5	~6,5	~8	~9,5	~11	~12,5	~14	~16,5	~18	~19,5	~21	~22,5	~24

*Average number of seats listed in the table may differ from the actual value in the finished project, due to local conditions, layout of seats, number of entrances, etc.

