

# Inclusive playground equipment

Fun with no limits





# Play area with no boundaries!



The idea of inclusion does not mean recreational equipment accessible only for the users on wheel-chairs.

The fair inclusion means reconciling the needs of non-disabled persons with the disabled ones in an attractive, safe and engaging way. To have fun together without boundaries and the need to exclude any of the groups, is a way towards mutual respect, equality, empathy and understanding.

"Spending quality time outdoors accompanied by a group of friends allows disabled children to experience a happy childhood that every child is entitled to".

#### Kamila Gapska, NAVITA Rehabilitacja, Toruń

"These are important projects that fill the market gap and provide the opportunity to level the chances of wheelchair users in terms of opportunities for play and rehabilitation in the open air".

Ewelina Tobolska, Fundacja MAJA, Gdańsk



#### WHAT IS INCLUSIVENESS?

It is openness that takes into account the experiences and needs of various minorities, including people with disabilities. It is about creating conditions and opportunities for everyone to participate, regardless of their level of fitness, belief or gender. The opposite of inclusiveness is exclusion, which currently takes place in most playgrounds.









#### **INCLUSIVE DEVICES ARE:**

- savings one set of devices is installed for everyone
- meeting the requirements of universal design and accessibility standards
- the opportunity to play for children who have not yet been able to experience it on the playground



TERMA Inclusive Swing is a device design to provide fun for non-disabled persons and users in wheelchairs. It is a device with a therapeutic and fun function at the same time. The device, apart from having fun, gives the opportunity to exercise the upper limbs, as well as improve sensory integration and proprioception. For people with disabilities, the aspect of "agency" is particularly valuable, consisting in setting the swing in motion by pushing off the handle with the upper limbs. If a person with a disability is

not able to drive the device, it is enough for an able-bodied person participating in the game to do this activity.

If the disabled person is not able to move the platform his/herself, the able-bodied user can drive the devices so both users can play together. The Inclusive Swing comes in a set with an information board, which must be placed in the immediate vicinity of the installed device, in an unprotected, well-visible place for users.

#### **FUNCTIONS**

Fun Kinesiotherapy Sensory integration Balance training Motor coordination training

#### **DESIGNATION**

Outdoor gyms, special playgrounds located next to the schools, therapy centers or foundations.

#### NORM COMPLIANCE

PN-EN 16630:2015-06





2

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

Outer dimensions:  $2210 \times 1951 \text{ mm}$ Height from the ground: 1242 mm

Weight: 260 kg





The Inclusive Roundabout is an innovative device, with a completely different method of driving than other carousels on the market. The roundabout only spins in one direction. While playing, the user exercises the upper limbs. He has full control over the speed and pace of the device in motion and could decide to stop it at any moment - the device is equipped with brakes.

If a disabled person is not able to operate the device, it is enough for a non-disabled person participating in the game to perform this activity. The same applies to braking - it is enough for one person to use the brake. The device is equipped with two chairs which, when folded, become wheelchair supports.

#### **FUNCTIONS**

Fun Kinesiotherapy Sensory integration Motor coordination training

#### **DESIGNATION**

Public playgrounds, special playgrounds located next to the schools, therapy centers or foundations, sensory gardens, pocket parks.

#### **NORM COMPLIANCE**





2

#### FREE FALL HEIGHT

433 mm

#### **DIMENSIONS**

Outer dimensions: Ø 2640 mm Height from the ground: 1028 mm

Weight: 520 kg





The Inclusive Spring Rocker is designed for fun and rehabilitation. The functions are performed when the user pulls himself/herself to the handrails. It is also attractive as a bouncing device when one user is jumping and the user in a wheelchair receives the bounces. Springs placed under the platform allow the platform to be tilted

sideways. There are two sets of handrails next to the device - lower and higher, to use dependent on the ability . The device, in addition to playing, helps to improve proprioception and coordination and supports kinesiotherapy of the upper limbs.

#### **FUNCTIONS**

Fun Kinesiotherapy Sensory integration Balance training Motor coordination training

#### **DESIGNATION**

Public playgrounds, special playgrounds located next to the schools, therapy centers or foundations, sensory gardens, pocket parks.

#### **NORM COMPLIANCE**





2

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

Outer dimensions:  $2010 \times 1390 \text{ mm}$ Height: 1041 mm from the platform level

Weight: 330 kg





The main advantage of the Inclusive Spinning Wheel is to support the rehabilitation of the upper limbs by driving the device with rotors for the upper limbs. The rotors set the colored wheel of the device in motion. Users of the wheel feel as if they are moving. In addition, the set of colors

recommended for filling the wheel was consulted with therapists and its task is to support sensory integration through the play of colors and light passing through the plates. The Inclusive Spinning Wheel is a therapy and fun in one.

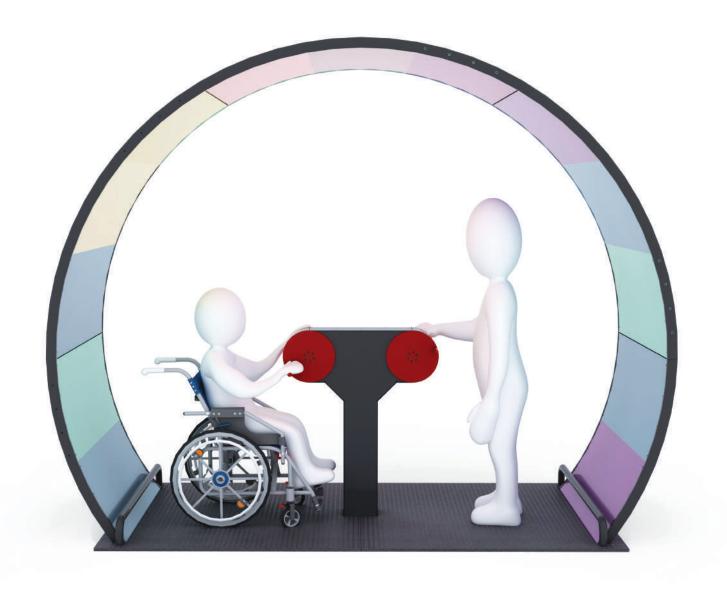
#### **FUNCTIONS**

Fun Kinesiotherapy Sensory integration

#### **DESIGNATION**

Public playgrounds, special playgrounds at schools, centers, foundations, retirement homes, city parks, amusement parks.

#### **NORM COMPLIANCE**



2

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

Diameter of the wheel: Ø3105 mm

External width: 1125 mm Height from the ground level

to the upper edge of the wheel: 2484 mm Dimensions of the platform:  $2636 \times 3050 \text{ mm}$ 

Weight: 450 kg





Inclusive see-saw is a device whose task is to provide the possibility of simultaneous fun for non-disabled persons and users in wheelchairs. It is a device with a therapeutic and fun function at the same time. It is the equivalent of weight swings popular on playgrounds, which are completely inaccessible to people in wheelchairs. The

difference in length and dimensions of both platforms makes it possible to swing effectively without the help of outsiders. A non-disabled person drives the device by moving on the platform. The platform for a wheelchair user does not tilt in relation to the ground, which guarantees safe play even with weaker brakes in the wheelchair.

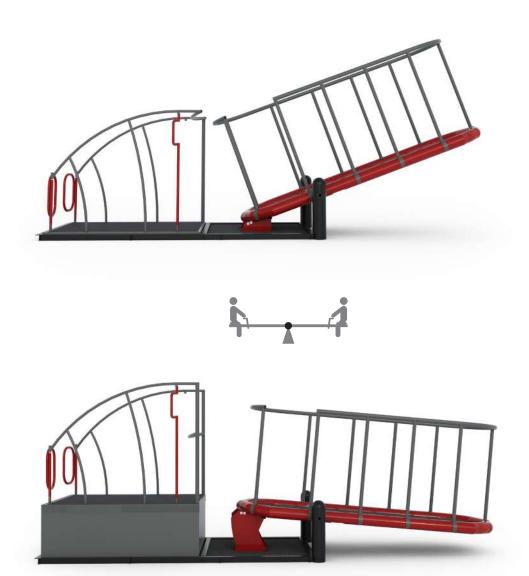
#### **FUNCTIONS**

Fun Kinesiotherapy Sensory integration

#### **DESIGNATION**

Public playgrounds, special playgrounds at schools, centers, foundations, retirement homes, city parks, amusement parks.

#### **NORM COMPLIANCE**



2

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

Outer dimensions:  $3790 \times 1000 \times 2370 \text{ mm}$ Lift height of the wheelchair platform: 400 mm

Lift height of the standing user platform:

800 mm

Weight: 530 kg





The device is designed to develop motor skills training, balance, concentration, color recognition, as well as for fun and competition. It is an attractive and engaging element of the playground equipment. For people with disabilities, the aspect of "agency" is particularly valuable,

that is, the influence of the movement of the labyrinth table on the movement and direction of the rolling ball. Ergonomic handles allow for a comfortable grip and are intended for people with different levels of upper limb ability.

#### **FUNCTIONS**

Fun Kinesiotherapy Sensory integration Cognitive therapy Coordination training

#### **DESIGNATION**

Public playgrounds, special playgrounds located next to the schools, therapy centers or foundations, sensory gardens.

#### NORM COMPLIANCE





2

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

Outer dimensions:  $828 \times 794 \times 994$  mm Height measured from the ground level: 994 mm

Range of inclination: about 7 degrees

Weight: 40 kg





Playing in the sandbox allows, above all, hand therapy and manual skills training. In the special playgounds in the sand the therapist can hide colorful pebbles, shells or other objects. The task for playing person is to find them in the sand, catch them and take them out. This type of play also supports sensory integration.

Elevated Inclusive Sandbox gives the possibility

of conducting therapy for people with physical and intellectual disabilities and provides additional support for the development and play of non-disabled children. The elevated sandbox can be used by people in wheelchairs, but non-disabled people can also play there. Having fun together means also social integration.

#### **FUNCTIONS**

Fun Kinesiotherapy Sensory integration Hand therapy

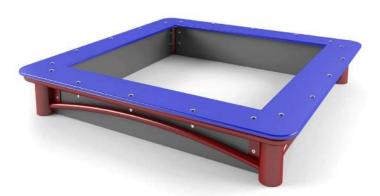
#### **DESIGNATION**

Public playgrounds, special playgrounds located next to the schools, therapy centers or foundations, sensory gardens.

#### NORM COMPLIANCE







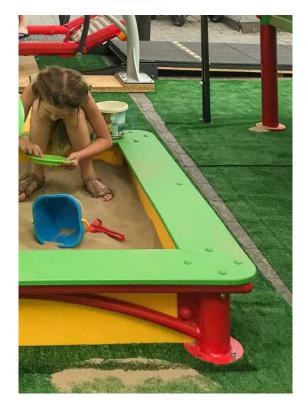
8

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

Outer dim. of the low sandbox:  $1410 \times 1410$  mm Outer dim. of the elev. sanbox:  $1360 \times 1360$  mm Height of the low sanbox from the ground: 240 mm Height of the elev. sanbox from the ground: 879 mm Weight of the low sanbox: 67 kg Weight of the elevated sandbox: 117 kg





Playing in the sandbox is primarily hand therapy, training manual skills. In the special playgounds in the sand the therapist can hide colorful pebbles, shells or other objects. The task of the person who is playing is to find them in the sand, grab them and take them out. This type of play also supports sensory integration.

Elevated Inclusive Sandbox gives the possibility

of conducting therapy for people with physical and intellectual disabilities and provides additional support for the development and play of non-disabled children. The elevated sandbox can be used by people in wheelchairs, but non-disabled people can also play there. Having fun together means social integration.

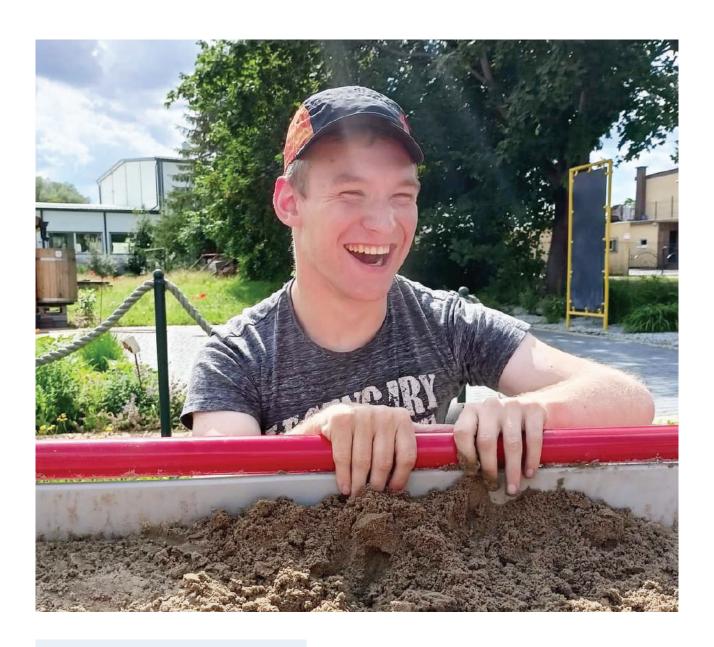
#### **FUNCTIONS**

Fun Kinesiotherapy Sensory integration Hand therapy

#### **DESIGNATION**

Public playgrounds, special playgrounds located next to the schools, therapy centers or foundations, sensory gardens.

#### NORM COMPLIANCE



4

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

Outer dimensions:  $1360 \times 1360 \text{ mm}$ Height from the ground: 879 mm

Weight: 117 kg





Graphics presenting faces with different emotions placed on the device give the opportunity to conduct cognitive rehabilitation, carry out exercises and talk about emotions. The device support AAC communication in terms of showing how a person feels at a particular moment. The device has no barriers in access, both physical and cognitive. The device can be used by people with different levels of fitness and non-disabled people, in various configurations in relation to

these users. The device is suitable for use by people in wheelchairs with intellectual disabilities. The device is also friendly for people with vision problems, because the graphics are milled in the plate (the graphics line is concave). Apart from rehabilitation centers, they are perfect for schools and kindergartens with children with different levels of fitness, as well as for public playgrounds.

#### **FUNCTIONS**

Fun
Cognitive therapy
Education
AAC communication

#### **DESIGNATION**

Public playgrounds, special playgrounds located next to the schools, therapy centers or foundations, sensory gardens.

#### **NORM COMPLIANCE**



2

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

Outer dimensions:  $720 \times 578 \times 1375$  mm Outer diameter of the wheel: 720 mm Height from the wheel axis to the ground: 800 mm

 $\label{thm:lower_edge} \mbox{Height from the lower edge of the wheel}$ 

to the ground: 440 mm

Weight: 50 kg





The device has no barriers in access, both physical and cognitive. The device can be used by people with different levels of fitness and non-disabled people, in various configurations in relation to these users. The device is suitable

for use by people in wheelchairs with intellectual disabilities. The device is also friendly for people with vision problems, because the graphics are milled in the plate (the graphics line is concave).

#### **FUNCTIONS**

Fun
Cognitive therapy
Education

#### **DESIGNATION**

Public playgrounds, special playgrounds located next to the schools, therapy centers or foundations, sensory gardens.

#### **NORM COMPLIANCE**





2

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

Outer dim.:  $1858 \times 300 \times 300$  mm Height from the ground: 1658 mm Distance from the first cube to the

ground: 715 mm Weight: 32 kg





TERMA Inclusive Horizontal Cubes are dedicated to playgrounds, outdoor gyms, parks and home green areas in order to provide the possibility of simultaneous fun for non-disabled people and users with disabilities, also resulting in moving in a wheelchair. They can be mounted as one device with selected graphics or several devices next

to each other, each with a different educational and therapeutic pattern. A template to support AAC communication is also available. Users can contextually adjust graphics to form a set in one row. The device supports the kinesiotherapy of the upper limb and cognitive development.

#### **FUNCTIONS**

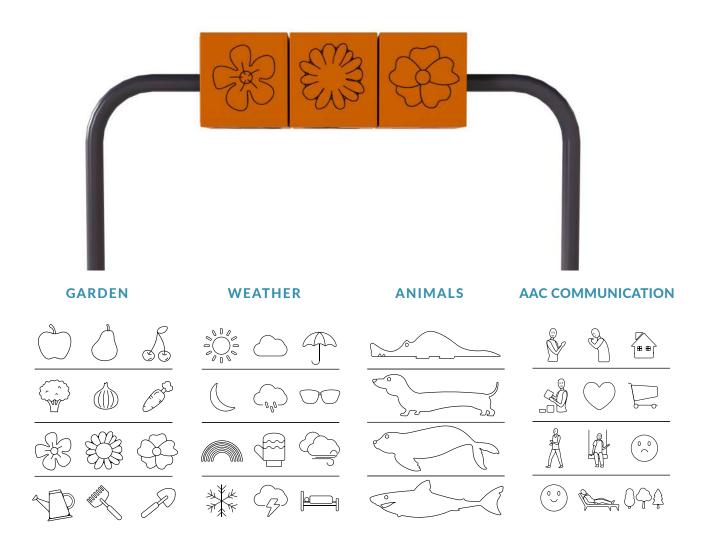
Fun Cognitive therapy Education **AAC** communication

#### **DESIGNATION**

Public playgrounds, special playgrounds at schools, centers, foundations, retirement homes, city parks, amusement parks.

#### **NORM COMPLIANCE**

#### **CHOOSE A PATTERN**



#### **MAXIMUM NUMBER OF USERS**

2

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

External dimensions: 1680 mm x 1372 mm x 304 mm Distance from the ground level to the lower edge of the cube: 868 mm Weight: 46 kg





## **Inclusive Puzzle Play Panel**

CODE: WDTAB03





#### **DESCRIPTION**

It is a device with a therapeutic and fun function at the same time. In addition to rehabilitation centers, the Inclusive Puzzle Play Panel is perfect for schools and kindergartens with children with

different levels of ability, as well as for public playgrounds or care centers. The users' task is to correctly arrange the patterns on both sides of the panel.

#### **FUNCTIONS**

Fun Cognitive therapy Education

#### **DESIGNATION**

Public playgrounds, special playgrounds at schools, centers, foundations, retirement homes, city parks, amusement parks.

#### **NORM COMPLIANCE**



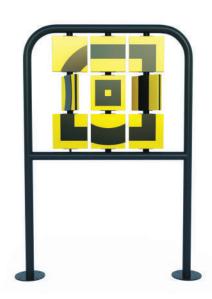
2

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

External dimensions: 1850 mm x 1060 mm x 60 mm Distance from the ground level to the panel: 685 mm Weight: 49 kg





It is a device with a therapeutic and fun function at the same time. In addition to rehabilitation centers, the device is perfect for schools and kindergartens with children with different levels of ability, as well as for public playgrounds or care centers. The user has the option of arranging geometric shapes in various ways. It teaches shapes, colors and develops manual dexterity, eye-hand coordination and conceptual thinking.

#### **FUNCTIONS**

Fun Cognitive therapy Education Kinesiotherapy

#### **DESIGNATION**

Public playgrounds, special playgrounds at schools, centers, foundations, retirement homes, city parks, amusement parks.

#### **NORM COMPLIANCE**



2

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

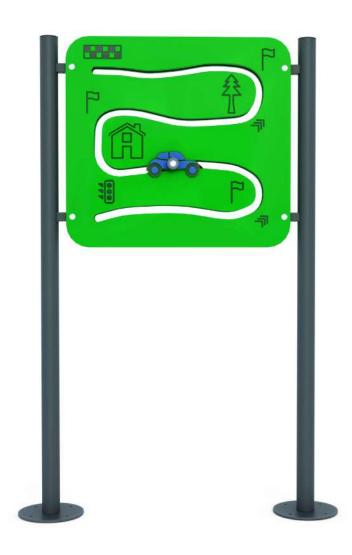
External dimensions: 1603 mm x 926 mm x 184 mm Distance from the ground level to the panel: 690 mm Weight: 45 kg





CODE: WDTAB02





#### **DESCRIPTION**

It is a device with a therapeutic and fun function at the same time. In addition to rehabilitation centers, the device is perfect for schools and kindergartens with children with different levels of ability, as well as for public playgrounds or care centers. The user guides the facility along a marked path to the destination, achieving smaller goals on this route, depending on his capabilities at the given stage. The device supports the kinesiotherapy of the upper limb and motivates to further progress.

#### **FUNCTIONS**

Fun Cognitive therapy Education Kinesiotherapy

#### **DESIGNATION**

Public playgrounds, special playgrounds at schools, centers, foundations, retirement homes, city parks, amusement parks.

#### NORM COMPLIANCE



2

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

External dimensions: 1603 mm x 926 mm x 184 mm Distance from the ground level to the panel: 964 mm Weight: 45 kg





The device is perfect for schools and kindergartens with children with different levels of ability, as well as for public playgrounds or care centers. Users place objects in starting positions and al-

low them to roll along marked paths to their destination. They can watch which object gets there faster. The device supports the kinesiotherapy of the upper limb and cognitive development.

#### **FUNCTIONS**

Fun Cognitive therapy Education Kinesiotherapy

#### **DESIGNATION**

Public playgrounds, special playgrounds at schools, centers, foundations, retirement homes, city parks, amusement parks.

#### **NORM COMPLIANCE**



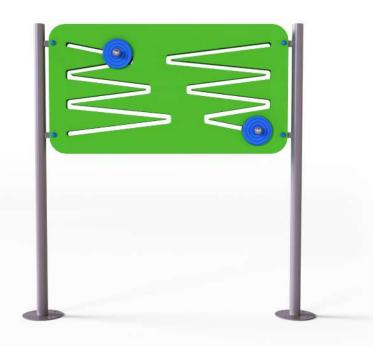
2

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

Device external dimensions: 1603 mm x 1468 mm x 184 mm The distance of the board from the ground level: 700 mm Weight: 45 kg





## Accessible Bench

CODE: WDLAW01, WDLAW03





#### **DESCRIPTION**

Accessible Bench is an additional equipment in public space as a place of rest or recreation. It can be installed outdoors, e.g. in housing estates, parks, green areas, playgrounds, promenades, as well as indoors: airports, stations, shopping malls, etc. The bench is available in 2 versions: 2-seater and

3-seater.

The bench can be used simultaneously by non-disabled people of different ages, people with disabilities, also in wheelchairs, seniors, blind people, in various configurations of these users, depending on the needs.

#### **FUNCTIONS**

Fun Cognitive therapy Education Kinesiotherapy

#### **DESIGNATION**

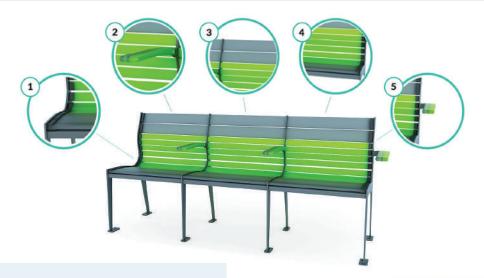
Public playgrounds, special playgrounds at schools, centers, foundations, retirement homes, city parks, amusement parks.

#### **NORM COMPLIANCE**

### WHAT IS THE DIFFERENCE BETWEEN AN ACCESSIBLE BENCH AND A STANDARD BENCH?

At first glance, the differences are ment to be invisible. It's supposed to look like any other standard bench. The special features are hidden in:

- **1.** Lack of the last armrest to ensure the possibility of transfer from the wheelchair to the bench for people who find it easier to transfer in the open space.
- **2.** Wide, easy-to-grip armrests for easy transfer from a wheelchair to a bench and adequate support for people who require additional stabilization.
- **3.** Contoured backrest and seat, providing support for the sacrum and matching the natural curves of the spine. Made of non-slip composite.
- **4.** Adequate depth and height of the seat, making it easier for people with limited mobility to get up. Made of non-slip composite.
- **5.** Specially contoured armrest, allowing the support of crutches or Nordic walking poles, which will not interfere with the passageway next to the bench.



#### **MAXIMUM NUMBER OF USERS**

2 or 3 (depending on the version)

#### FREE FALL HEIGHT

None

#### **DIMENSIONS**

External dimensions of the 2-seater version

Overall width: 1350 mm Seat width: 1200 mm Depth: 420 mm

Seat height from the ground: 460 mm

Overall height: 850 mm

Seat width between armrests: 600 mm

Weight: 20 kg

External dimensions of the 3-seater version

Overall width: 1950 mm Seat width: 1800 mm Depth: 420 mm

Seat height from the ground: 460 mm

Overall height: 850 mm

Seat width between armrests: 600 mm

Weight: 30 kg





## **Materials**

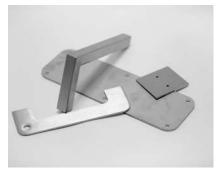
We use only certified materials of the highest quality and durability.



Main frames made of \$235, DC01, E220 black steel profiles



Standardised elements from certified suppliers anti-corrosion protected or stainless steel



AISI 304 stainless steel elements



**HPL** boards



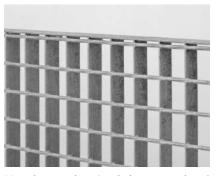
PE 300 cushioning elements



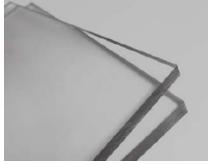
EPDM rubber pavers



Waterproof and UV proof HDPE boards 10 and 15 mm



S235 black steel



Hot deep galvanized thruss made of UV-resistant polycarbonate plates



Protective UV proof plastic elements



Sliding sleeves made of ultra durable iglidur



Textile fireproof elements

## **Technologies**

As a manufacturer we benefit from owning, state of the art machine park.



Steel profiles bending



2D and 3D steel laser cutting



CNC steel plates bending



CNC turning and milling



Welding and soldering



Powder coating

### DOUBLE ANTI-CORROSION PROTECTION

The surface is treated by abrasive blasting at first, then comes the chemical barrier which ensures more stable anti-corrosion protection. Next layer is an epoxy primer which gives the mechanical protection. The last stage is coating with the decorative and protective layer with UV protective, Quali coat certified powder coating technology complying with Quali steel coat standards.

#### **SERVICE**

Terma offers also warranty and post warranty playground equipment service together with the technical support in maintenance.

#### **WARRANTY**

The warranty period starts on the day of receipt of the Product and is 10 years for:

- main frames made of black steel, black steel trusses,
- stainless steel,
- deep hot-dip galvanized trusses made of black steel,

#### 5 years for:

- concrete foundation blocks offered by the Manufacturer,
- HDPE boards,
- HPL boards,
- coatings,

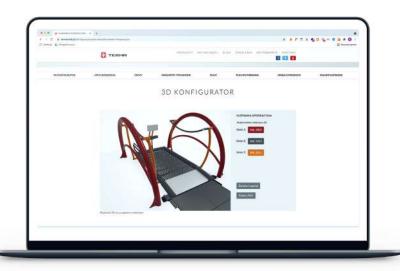
#### 2 years for:

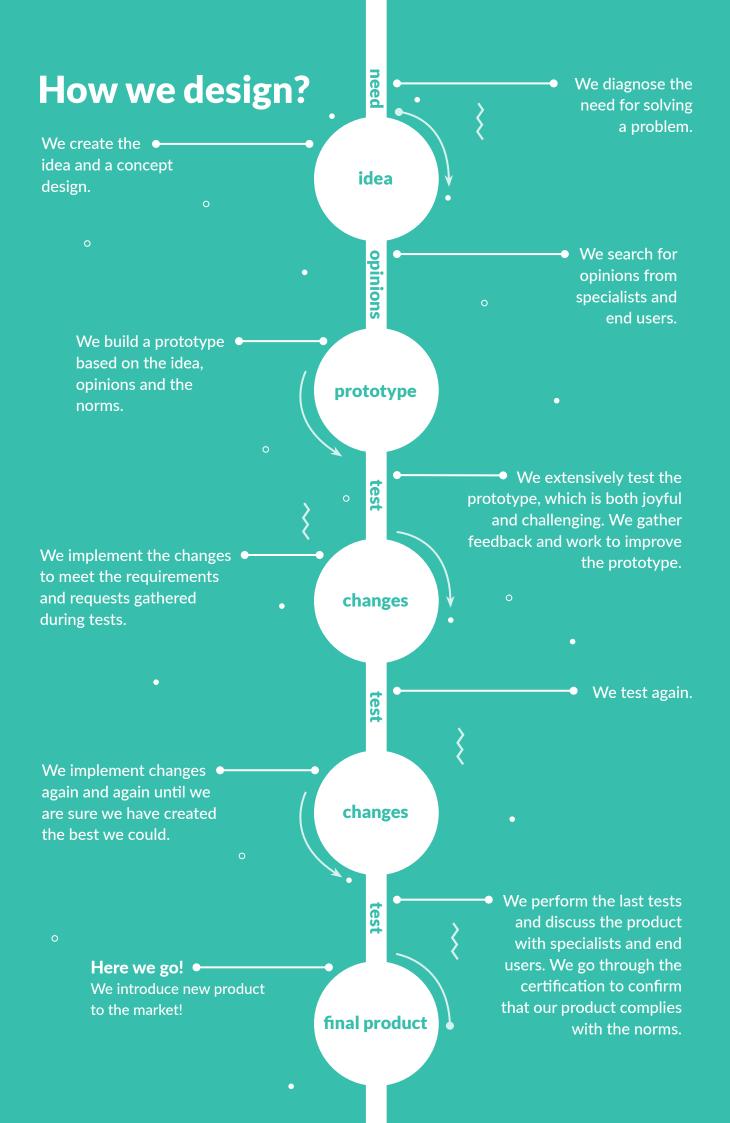
- moving, connecting and securing elements made of steel or plastic,
- cushioning elements,
- textile elements,
- information elements.

## **Configure colours** of your device!

RAL: KOD:	1000	1001	1002	1003 103	1004 104	1005 105	1006 106	1007 107	1011 111	1012 112	1013 113	1014	1015 115	1016 116
1017 117	1018 118	1019 119	1020 <sub>120</sub>	1021 <sub>121</sub>	1023 <sub>123</sub>	1024 124	1027 <sub>127</sub>	1028 128	1032 132	1033 133	1034 134	1037 137	2000	2001
2002	2003	2004 204	2008 208	2009 <sup>209</sup>	2010 210	2011	2012	3000 300	3001 301	3002 302	3003 303	3004 <sub>304</sub>	3005 305	3007 307
3009	3011	3012	3013	3014	3015	3016	3017	3018	3020	3022	3027	3028	3031	4001
309	311	312	313	314	315	316	317	318	320	<sub>322</sub>	<sub>327</sub>	<sup>328</sup>	331	<sub>401</sub>
4002	4003	4004	4005	4006	4007	4008	4009	4010	5000	5001	5002	5003	5004	5005
<sub>402</sub>	403	404	405	406	407	408	<sub>409</sub>	410	500	501	502	503	504	505
5007	5008	5009	5010	5011	5012	5013	5014	5015	5017	5018	5019	5020	5021	5022
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5023	5024	6000	6001	6002	6003	6004	6005	6006	6007	6008	6009	6010	6011	6012
523	524	600	601	602	603	<sub>604</sub>	605	606	607	608	609	<sub>610</sub>	611	612
6013	6014	6015	6016	6017	6018	6019	6020	6021	6022	6024	6025	6026	602 <b>7</b>	6028
<sub>613</sub>	614	615	616	617	618	619	<sub>620</sub>	621	622	<sub>624</sub>	<sub>625</sub>	626		628
6029	6032	6033	6034	7000	7001	7002	7003	7004	7005	7006	7008	7009	7010	7011
<sub>629</sub>	632	633	634	700	701	702	<sup>703</sup>	704	705	706	<sup>708</sup>	<sup>709</sup>	<sub>710</sub>	<sub>711</sub>
7012	7013	7015	7016	7021	7022	7023	7024	7026	7030	7031	7032	7033	7034	7035
712	713	715	<sup>716</sup>	721	722	723	724	<sup>726</sup>	730	731	732	733	734	735
7036	7037	7038	7039	7040	7042	7043	7044	7045	7046	7047	8000	8001	8002	8003
736	737	<sup>738</sup>	<sup>739</sup>	740	742	<sub>743</sub>	744	745	746	747	800	801	802	803
8004	8007	8008	8011	8012	8014	8015	8016	8017	8019	8022	8023	8024	8025	8028
804	807	808	811	812	814	815	816	817	819	822	823	824	825	828
9001	9002	9003 <sub>903</sub>	9004 <sub>904</sub>	9006 906	9007 907	9010 910	9011 911	9016 916	9017 917	9018				

## **CLICK** and check termamed.pl!





## How can we help you?

Contact us!



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