



**Product technical sheet**

**STEEL+ 1790**



4 - 14 years



342 kids



281,4 m<sup>2</sup>



**Material specification**

- Powder galvanized and powder coated or stainless steel construction of 80 x 80 mm profile,
- Platforms and climbing walls made of durable anti-slip and waterproof HPL plate,
- Roofs and side panels made of durable HDPE plate, resistant to weather conditions,
- Transparent polycarbonate panels with a weather-resistant print,
- Covers made of hot-dip galvanized and powder coated steel mesh,
- Slides made of stainless steel with durable HDPE side panels,
- Tubular sled made of stainless steel,
- Stainless steel tube slide,
- Drawing board made of durable HPL plate, resistant to weather conditions,
- Maze windows made of polycarbonate, balls made of synthetic material,
- Music panels made of durable HDPE and HPL plate, resistant to weather conditions,
- Durable climbing stones made of polyester resin composite with mineral fillers,
- Steel ropes in polypropylene braid, connected with durable plastic elements, stainless steel or aluminum,
- Calibrated stainless steel chains, preventing fingers entrapment,
- Stainless steel bars, ladders and handrails,
- Stainless steel screws and/or screws covered with plastic caps,
- Safe end caps on top of the structure made of rubber or polypropylene,



**Facilitating disability**



easy access



shelters



integration



**Intellectual development**



manipulation



music



thinking



**Physical development**



balance



hiding



sliding



rest



passage



climbing



crawling



roofs





**6**  
number of towers



**7**  
number of slides



**33**  
number of roofs



**20**  
number of interactive elements



**45**  
number of activity elements

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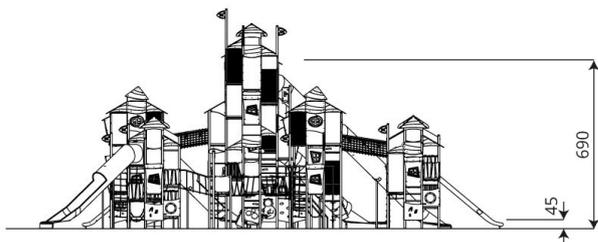
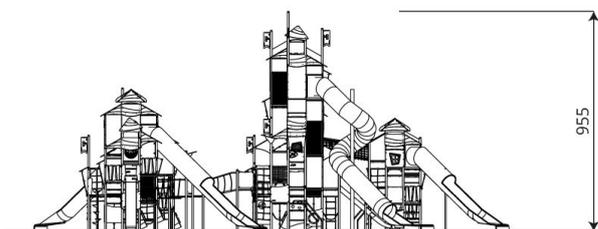
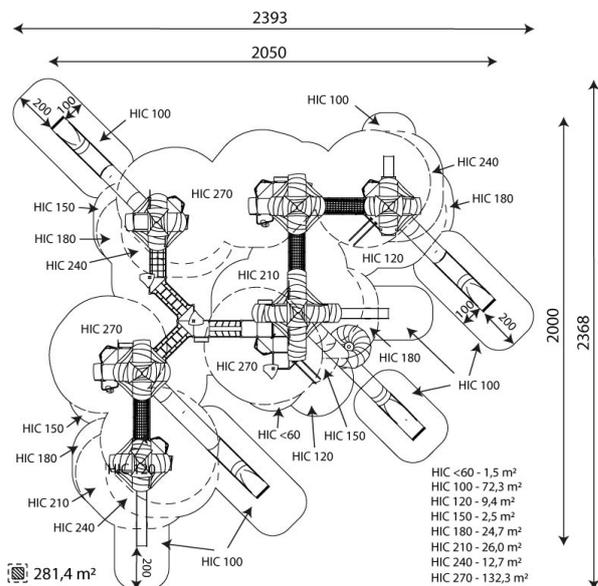
**Product data**

|                                |  |
|--------------------------------|--|
| Length                         | 2050 cm  |
| Width                          | 2000 cm  |
| Total height                   | 955 cm   |
| Age group                      | 4 - 14 years   |
| Number of users                | 342 kids   |
| Safety zone                    | 281,4 m2   |
| Free fall height               | 270 cm   |
| The height of the platforms    | 45, 90, 120, 150, 180, 210, 300, 330, 360, 420, 450, 480, 540, 570, 600, 630, 690 cm |
| tube slide platform height     | 270, 360, 570 cm   |
| slide platform height          | 90, 180, 210 cm  |
| In accordance with norm EN     | 1176-1:2017+A1:2023  |
| Weight of the heaviest part    | 210 kg   |
| Dimensions of the largest part | 8x8x585 cm   |
| Availability of spare parts    | YES  |
| Installation time              | 80 h   |
| Color options                  |  |

Data is subject to change without prior notice.

**Additional information**

- equipment adapted for the disabled; intended for public playgrounds;
- equipment has a certificate issued by an accredited entity or a declaration of conformity;
- no sharp edges or chinks that would pose a danger of jamming the head, fingers or any other body parts;
- anchoring on flat surface, 55 cm deep;
- slide should not be installed southwards;
- render is for reference only, the actual appearance of the equipment and its color may vary;



**Guarantee**

**30** 30 year guarantee - Durability of steel and stainless steel structural elements

**15** 15 year guarantee - Durability of steel and stainless steel structures of mobile devices; durability of Robinia wood structural elements

**10** 10 year guarantee - Structural strength of HDPE, 100% recycled HDPE and HPL elements; structural elements made of 100% recycled material (composite)

**5** 5 year guarantee - Corrosion resistance of stainless steel and hot-dip galvanized and powder-coated steel elements, resistance to bark beetles and rotting of wooden structural elements

Detailed information in the guarantee card

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## Surfaces according to EN 1176-1:2017+A1:2023

|                                 | Description (mm)             | Layer thickness (cm) | Maximum fall heights (cm) |
|---------------------------------|------------------------------|----------------------|---------------------------|
| Turf/ top layer of soil (A,B,C) | -                            | -                    | ≤100                      |
| bark (A,C)                      | Particle size from 20 to 80  | 30                   | ≤200                      |
|                                 |                              | 40                   | ≤300                      |
| woodchips (A,C)                 | Particle size from 5 to 30   | 30                   | ≤200                      |
|                                 |                              | 40                   | ≤300                      |
| sand or gravel (A,C)            | Particle size from 0,25 to 8 | 30                   | ≤200                      |
|                                 |                              | 40                   | ≤300                      |
| synthetic attested (A,B,C)      | Tested according to EN 1177  |                      | 270                       |

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### Amount of safe surface corresponding with free fall height:

|         |                      |
|---------|----------------------|
| HIC <60 | 1,5 m <sup>2</sup>   |
| HIC 100 | 72,3 m <sup>2</sup>  |
| HIC 120 | 9,4 m <sup>2</sup>   |
| HIC 150 | 2,5 m <sup>2</sup>   |
| HIC 180 | 24,7 m <sup>2</sup>  |
| HIC 210 | 26,0 m <sup>2</sup>  |
| HIC 240 | 12,7 m <sup>2</sup>  |
| HIC 270 | 132,3 m <sup>2</sup> |

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