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# TECHNICAL DATA SHEET

Playground equipment · Item no. W-A013N



|                               |                    |
|-------------------------------|--------------------|
| <b>Test standard:</b>         | EN 1176            |
| <b>Dimensions (L×W×H):</b>    | 423 × 314 × 323 cm |
| <b>Colour variant:</b>        | Natural            |
| <b>Age group:</b>             | from 3 year(s)     |
| <b>Number of users:</b>       | 11–15 children     |
| <b>Max. free fall height:</b> | 200 cm             |
| <b>Safety zone:</b>           | 36 m <sup>2</sup>  |

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## WISDOM Education Europe GmbH

schönherr.fabrik · Schönherrstraße 8 · 09113 Chemnitz · Germany  
Phone: +49 (0) 37360 488 999 · E-mail: [hello@wisdomeurope.eu](mailto:hello@wisdomeurope.eu)  
[www.wisdomeurope.eu](http://www.wisdomeurope.eu)

## Product Data

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|                                    |                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------|
| <b>Description:</b>                | Playground equipment (steel play system)                                                   |
| <b>Item number:</b>                | W-A013N                                                                                    |
| <b>Colour variant:</b>             | Natural                                                                                    |
| <b>Manufacture / Distribution:</b> | Wisdom Education Europe GmbH, schönherr.fabrik, Schönherrstraße 8, 09113 Chemnitz, Germany |
| <b>Test standard:</b>              | EN 1176                                                                                    |
| <b>Dimensions (L×W×H):</b>         | 423 × 314 × 323 cm                                                                         |
| <b>Safety zone:</b>                | 36 m <sup>2</sup>                                                                          |
| <b>Max. free fall height:</b>      | 200 cm                                                                                     |
| <b>Platform height:</b>            | 120 cm                                                                                     |
| <b>Age group:</b>                  | from 3 year(s)                                                                             |
| <b>Number of users:</b>            | 11–15 children                                                                             |
| <b>Equipment:</b>                  | roofs: 1 · slides: 1 · activity elements: 3                                                |
| <b>Spare parts available:</b>      | Yes                                                                                        |

*Note: Data is subject to change without prior notice.*

## Material Specification

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- Construction made of the highest quality 80 × 80 mm square galvanized steel posts, secured from the top with polypropylene plugs.
- Decks (76 × 76 cm) made of eco-friendly WPC with durable anti-slip and waterproof properties – recyclable, low-emission and gentle on the environment.
- Roofs made of PE or HDPE.
- Slides and crawling tubes made of HDPE.
- Moving elements made of durable, weather-resistant PE.
- Net climber and rung ladder made of stainless steel; fireman's pole and challenge ladder also made of stainless steel.
- Safe end caps made of polypropylene provide a smooth, impact-resistant barrier and enhance overall play safety.
- Steel ropes in polypropylene braid, connected with durable plastic or stainless steel elements.

## Important Information

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- Equipment suitable for individuals with disabilities and designed for public playgrounds.
- The equipment has a certificate from an accredited organization or a declaration of conformity.
- No sharp edges or gaps that could pose a risk of injury to the head, fingers or other body parts.
- The equipment must be anchored on a flat surface.
- Images are for reference only; actual appearance and colours may vary.

## Views

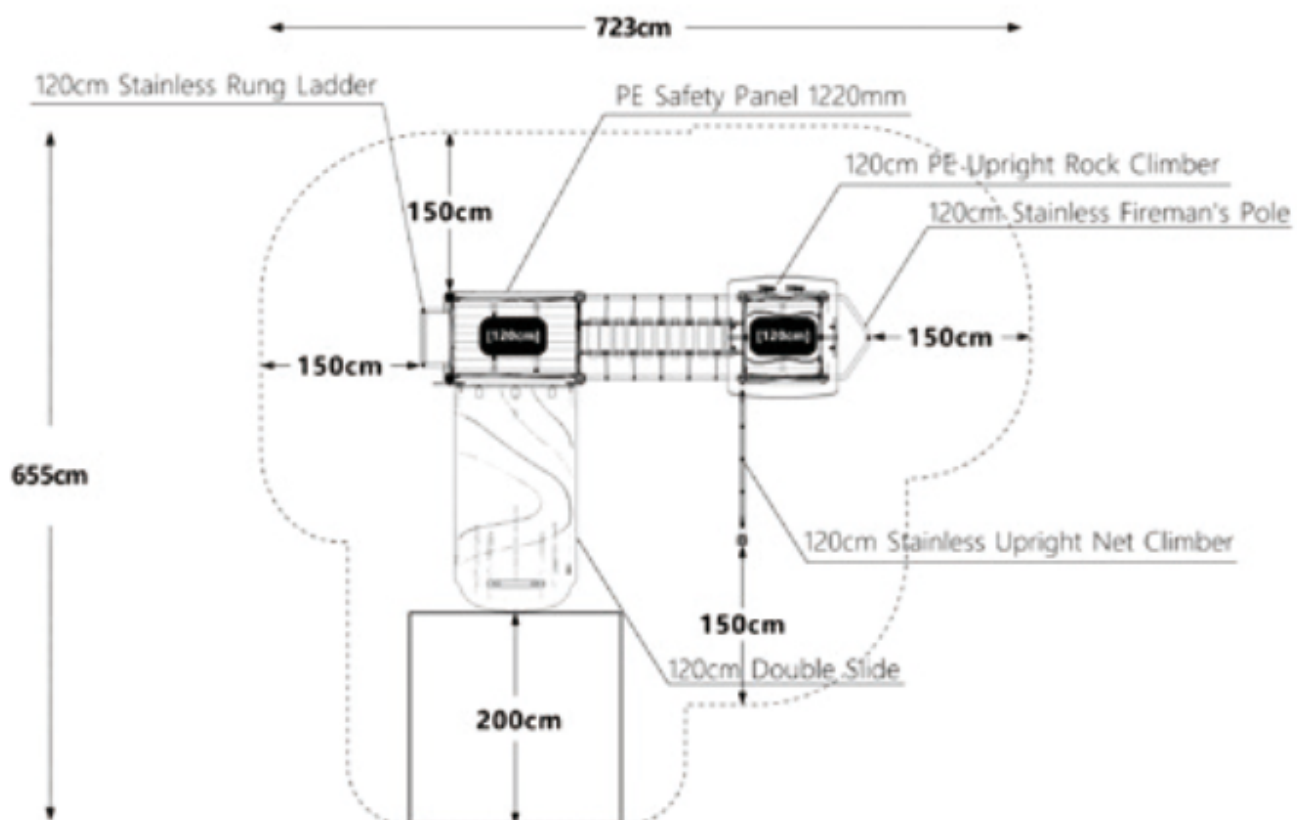
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Different views of the play system.

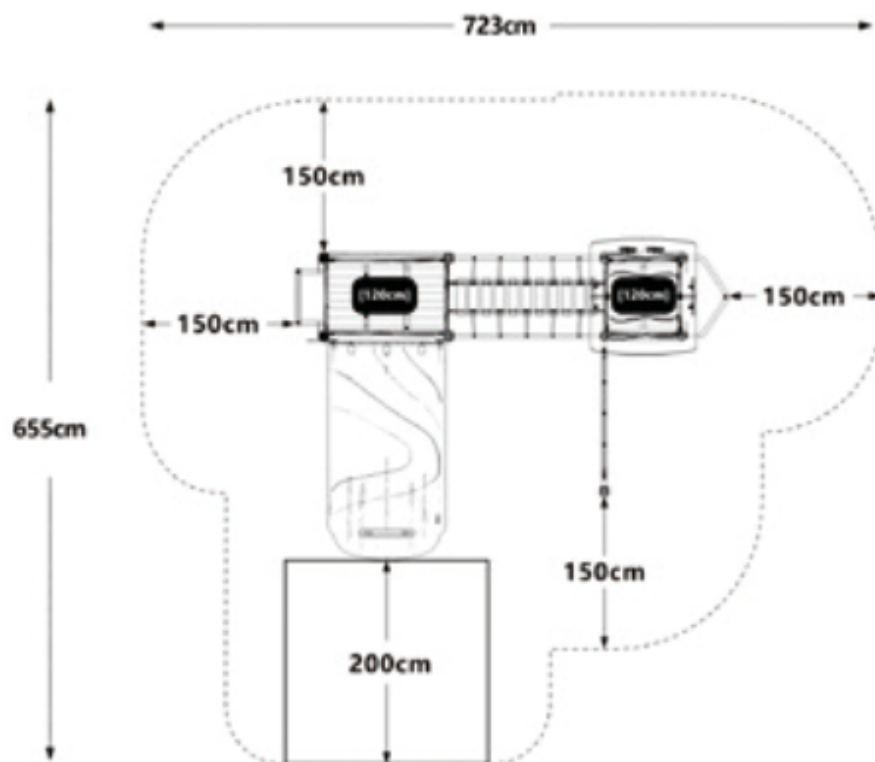


## Dimensional Drawing – Play elements



Dimensions in cm.

# Dimensional Drawing – Safety zone



Dimensions in cm.

# Warranty

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## 15-Year Warranty:

- Robinia wood items against severe rot
- High-pressure laminate panels (HPL)
- HDPE panels (High Density Polyethylene)
- Aluminium parts
- Highly dynamic steel play structures

## 5-Year Warranty:

- Rope and net constructions
- Graphic print on transparent polycarbonate panels
- Springs used for spring riders and seesaws

## 10-Year Warranty:

- Pinewood items against severe rot
- Pre-galvanized steel posts with painted top layer
- Painted surfaces on galvanized or aluminium metal components
- Stainless steel slides
- Structural failure of LLDPE parts (e.g. slides, climbing elements)
- Solid plastic items
- Transparent PC (polycarbonate) items
- Wood-plastic composite decks (WPC)

## 2-Year Warranty:

- Movable plastic and metal parts
- Sunshade structures
- Painted softwood parts with significant coating degradation
- All other items not listed above

## Impact-Attenuating Surfacing according to EN 1176-1:2017+A1:2023

| Material            | Description                 | Layer thickness (cm) | Max. fall height (cm) |
|---------------------|-----------------------------|----------------------|-----------------------|
| Turf / topsoil      | —                           | —                    | ≤ 100                 |
| Bark                | Particle size 20 to 80 mm   | 30                   | ≤ 200                 |
|                     |                             | 40                   | ≤ 300                 |
| Wood chips          | Particle size 5 to 30 mm    | 30                   | ≤ 200                 |
|                     |                             | 40                   | ≤ 300                 |
| Sand / gravel       | Particle size 0.25 to 8 mm  | 30                   | ≤ 200                 |
|                     |                             | 40                   | ≤ 300                 |
| Synthetic surfacing | Tested according to EN 1177 |                      | 130                   |

*Note: For loose particulate material, add 10 cm to the minimum layer thickness to compensate for displacement. If the installed surfacing is verified as compliant with this table or a test report according to EN 1177 is available, no additional testing is required.*