
TECHNICAL DATA SHEET

Playground equipment · Item no. W-A018N



Test standard:	EN 1176
Dimensions (L×W×H):	516 × 144 × 255 cm
Colour variant:	Natural
Age group:	from 1 year(s)
Number of users:	11–15 children
Max. free fall height:	60 cm
Safety zone:	31.49 m ²

WISDOM Education Europe GmbH

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Product Data

Description:	Playground equipment (steel play system)
Item number:	W-A018N
Colour variant:	Natural
Manufacture / Distribution:	Wisdom Education Europe GmbH, schönherr.fabrik, Schönherrstraße 8, 09113 Chemnitz, Germany
Test standard:	EN 1176
Dimensions (L×W×H):	516 × 144 × 255 cm
Safety zone:	31.49 m²
Max. free fall height:	60 cm
Platform height:	60 cm
Age group:	from 1 year(s)
Number of users:	11–15 children
Equipment:	roofs: 2 · slides: 1 · stairs: 2
Spare parts available:	Yes

Note: Data is subject to change without prior notice.

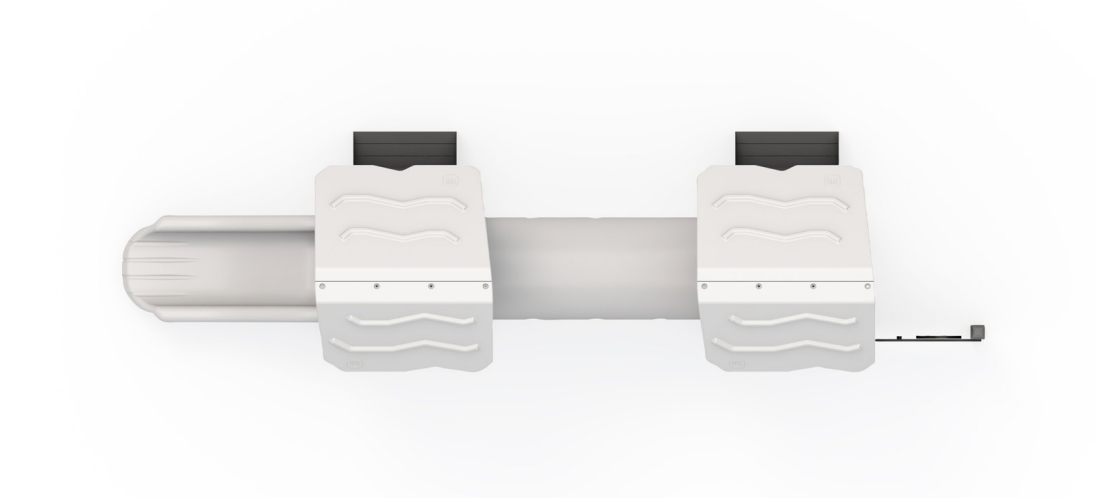
Material Specification

- 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

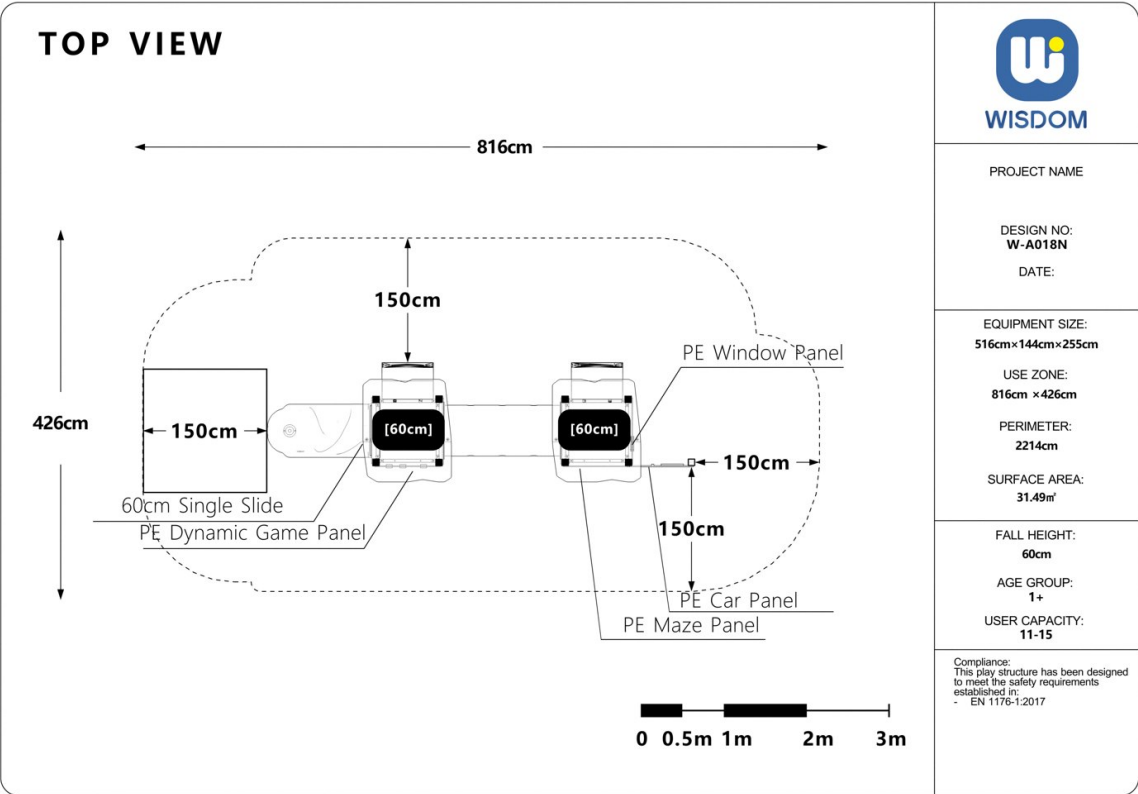
- Equipment suitable for individuals with disabilities and designed for public playgrounds.
- The equipment has a certificate from an accredited organization or a declaration of conformity.
- No sharp edges or gaps that could pose a risk of injury to the head, fingers or other body parts.
- The equipment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

Views



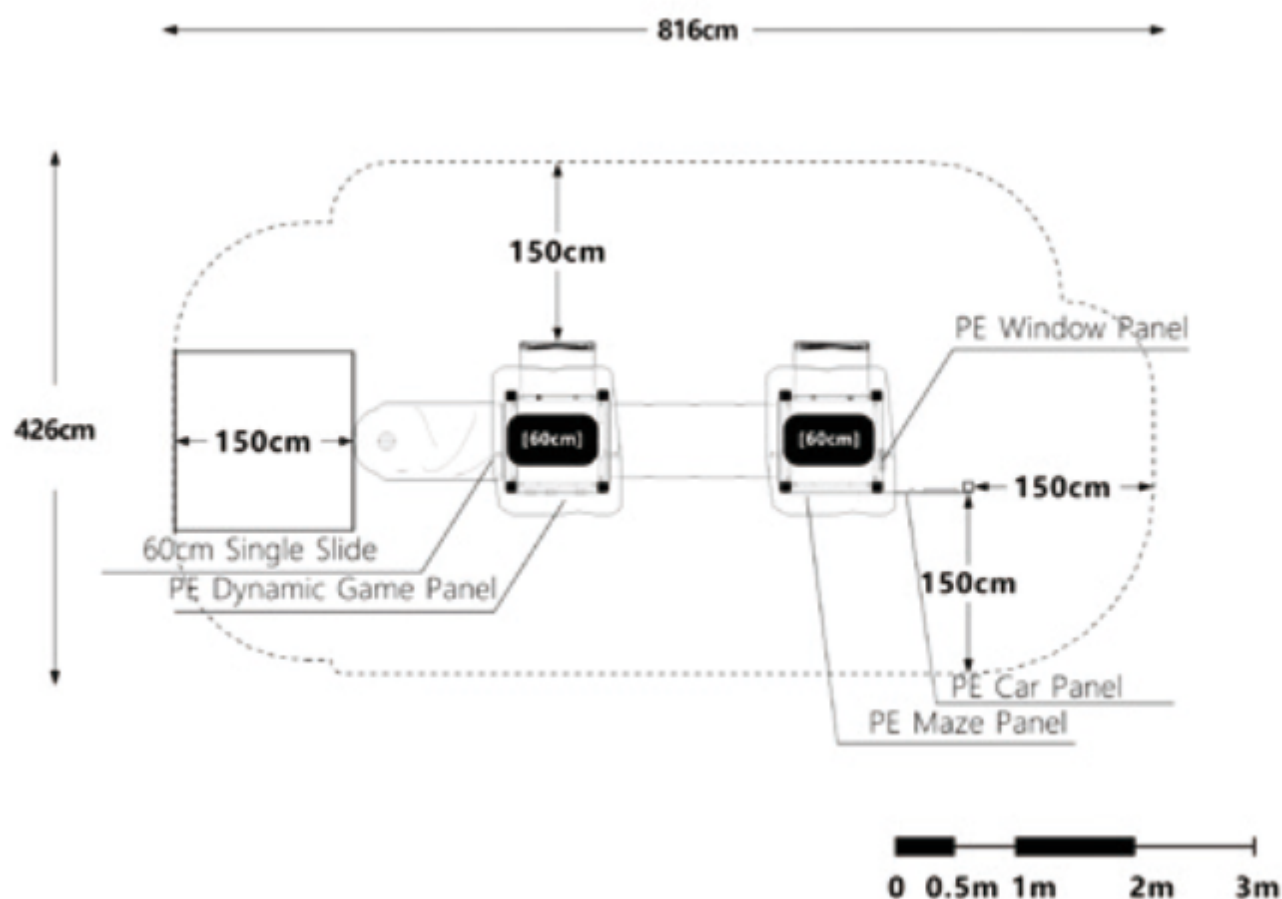
Different views of the play system.

Dimensional Drawing – Top view



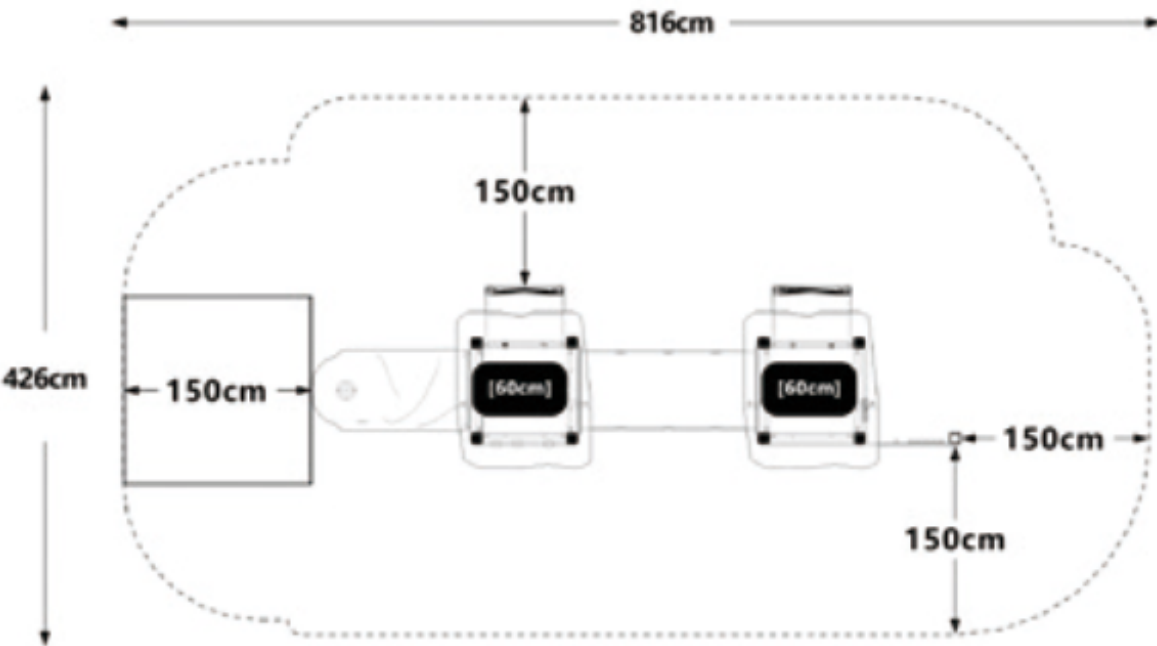
Dimensions in cm.

Dimensional Drawing – Play elements



Dimensions in cm.

Dimensional Drawing – Safety zone



Dimensions in cm.

Warranty

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.