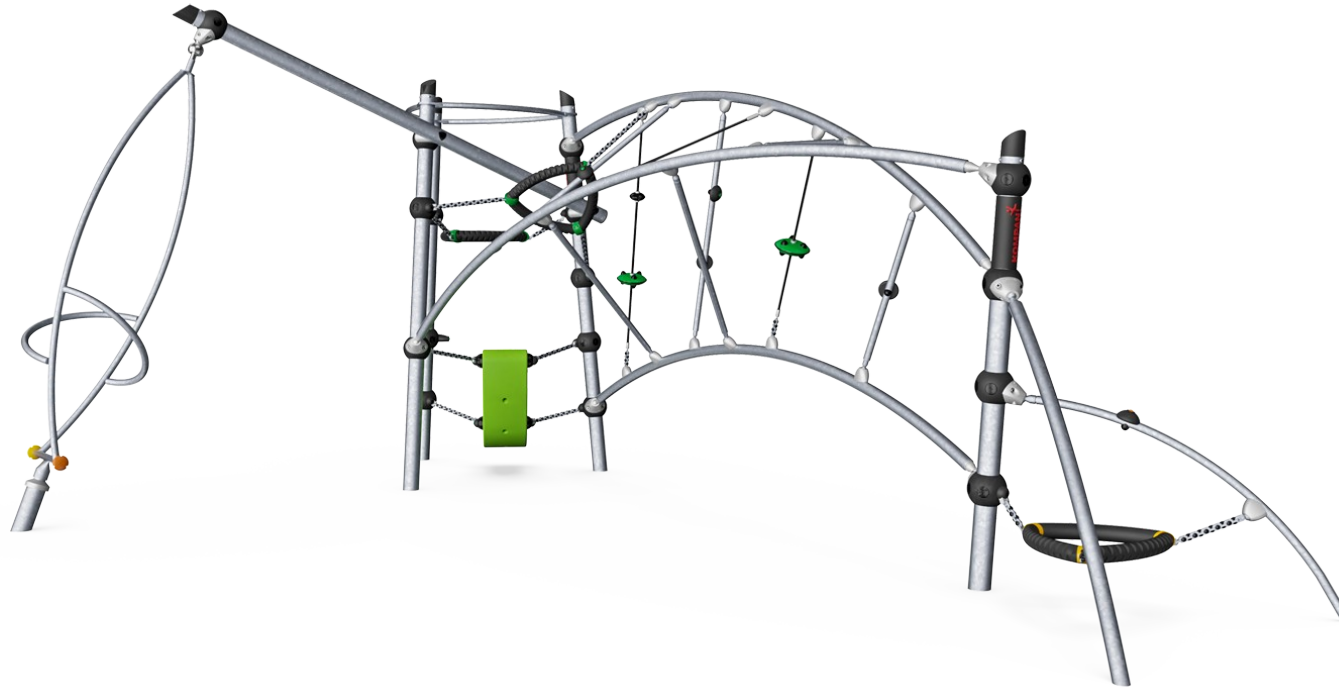
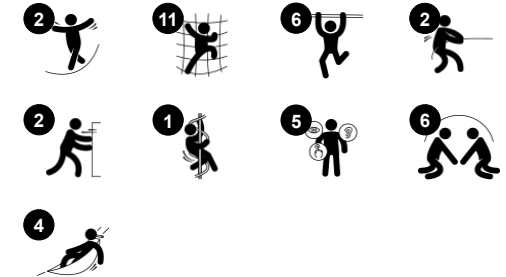


Asterion II

GXY948



Item no. GXY948012-3717	
General Product Information	
Dimensions LxWxH	672x392x293 cm
Age group	6+
Play capacity (users)	14
Colour options	



Asterion II has a huge variety of play activities, from climbing, spinning, balancing to rocking and swaying, all in a transparent universe that allows for play with peers in and out of the structure. Asterion II is accessible from ground level for all abilities to be part of play. The Musca Spinner whirls when children use their upper body muscles pushing and pulling it into

motion. The spinning movement intensely trains the sense of balance. This is particularly important to teenagers due to their growth spurt. The many responsive and stable climbing activities train cross-coordination. They also provide great seating points for teenagers to meet, taking a break. These points are popular with teens and encourage

important social-emotional skills such as the feeling of belonging.



Asterion II

GXY948



Musca spinner

Physical: balance when standing, sitting and rotating, muscles develop when holding tight.

Social-emotional: cooperation in getting the spinner to turn.



Bolide link

Physical: arm, leg and core muscles are developed when climbing up and through. Balance and spatial awareness, motor skills that help in judging the body in space. Muscle strength.

Social-emotional: cooperation and turn-taking when passing one another.



Open triangle plate

Physical: arm, leg and core muscles are developed when climbing up and through. Proprioception and spatial awareness are supported, both motor skills that help navigating the body in space.

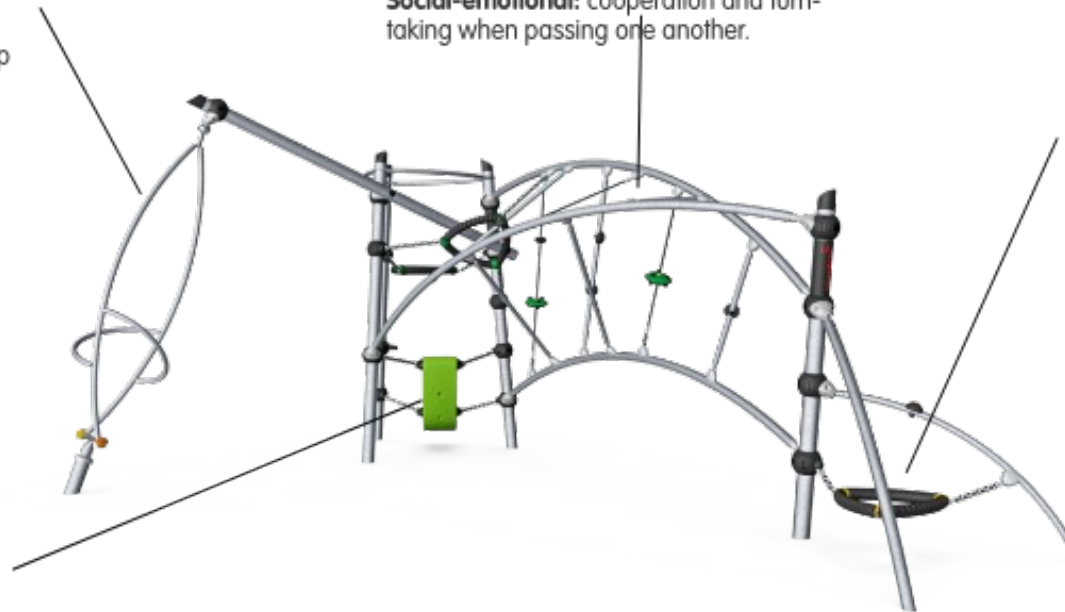
Social-emotional: swaying seat for a break, inviting socializing and turn-taking.



Play shell

Physical: the swaying movement stimulates the sense of balance, necessary to sit still on a chair.

Social-emotional: meeting, taking a break and turn-taking are supported, skills necessary to learn how to avoid conflicts.



Asterion II

GXY948



The steel surfaces of GALAXY are hot dip galvanised inside and outside with lead free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.



The unique designed GALAXY connection ball is made with an inner circular core of aluminium surrounded by a shell of hard PP with a outer layer of soft TPV rubber. Flexible lead free aluminium connectors allow for installation in variable angles.



Larger activities are made of 100% recyclable PE. The play shell displayed is moulded in one piece with a minimum 5mm wall thickness. PE has high impact resistance across a wide temperature span which ensures vandal resistance in all locations.



GALAXY climbing triangle with outer soft layer of PUR and corner brackets of moulded nylon (PA6). The core consist of a powder coated welded steel frame with integrated corner suspension points. Larger triangles are closed with an 18mm thick Ekogrip® panel that has a top-layer of rubber with a non-skid effect.



Coloured steel components has a base of hot dip galvanisation and a powder coated top finish. This provides an ultimate corrosion resistance in all climates around the world.



Galaxy products are available in different colour combinations with either hot dip galvanised steel surface treatment or optional with powder top finish of selected steel components. Colours of the activities are adjusted to support the individual colour combination.

Item no. GXY948012-3717

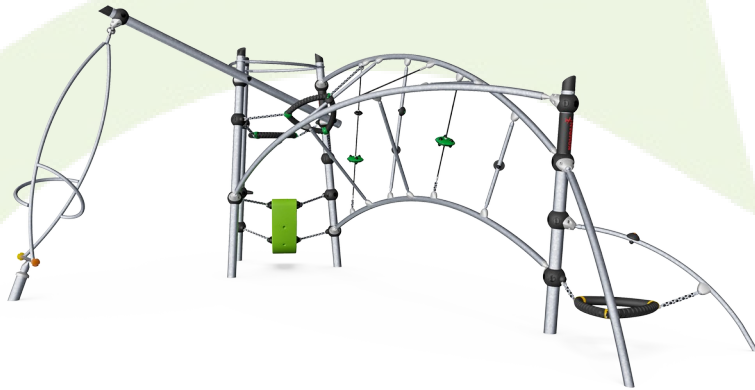
Installation Information

Max. fall height	249 cm
Safety surfacing area	55.3 m ²
Number of installers	2
Total installation time	17.9
Excavation volume	3.30 m ³
Concrete volume	1.30 m ³
Footing depth (standard)	90 cm
Shipment weight	669 kg
Anchoring options	In-ground ✓ Surface ✓

Warranty Information

Hot dip galvanised steel	Lifetime
PUR components	10 years
Galaxy connection ball	5 years
Ropes & nets	10 years
Spare parts guaranteed	10 years





Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
GXY948012-3717	1,678.40	3.43	36.80

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

Kompan A/S
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Validation of CO₂ calculation of: Challengers & Climbers



Data version no. 2021-09-27

The CO₂ calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Challengers & Climbers" represented by item no.: GXY941032-3717.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

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Validated by:

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

Validation based on report: Validation of CO₂ calculation of 8 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Bente Hviid and Peter Bendtsen.

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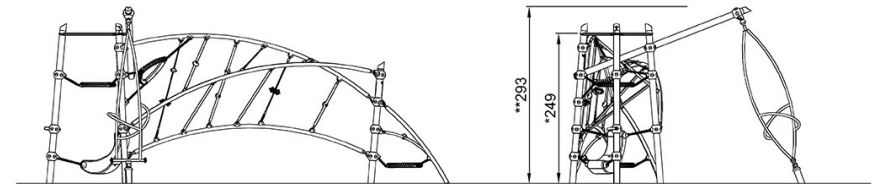
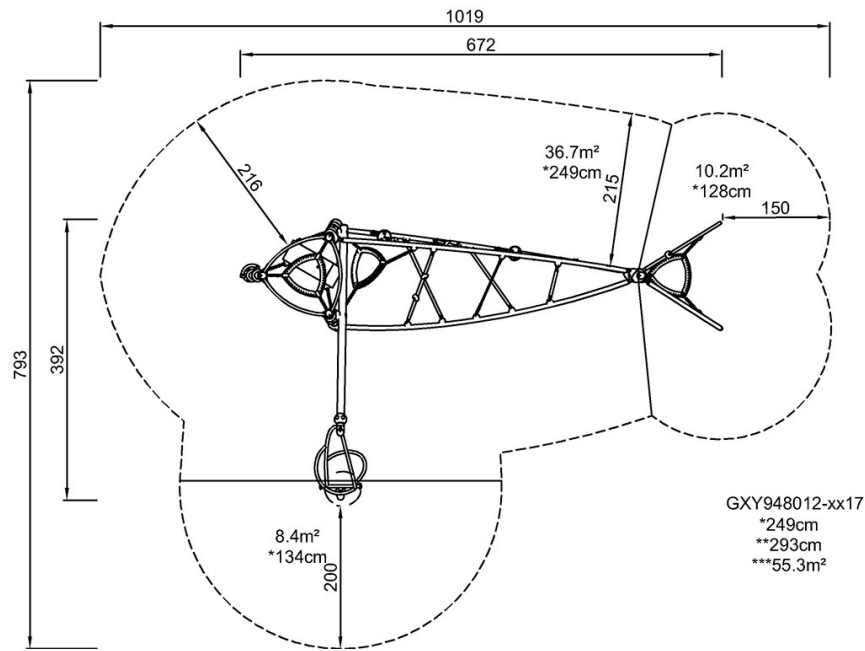


Asterion II

GXY948

* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



GXY948032

[Click to see TOP VIEW](#)


[Click to see SIDE VIEW](#)

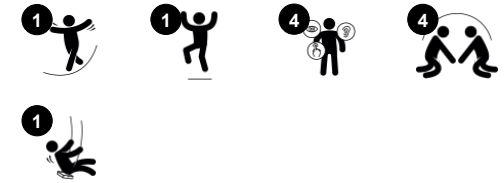
Cocowave Pendulum Swing

M984



CocoWave pendulum swings. HDG/Lime green & chain suspension

Item no. M98401-1011	
General Product Information	
Dimensions LxWxH	620x270x363 cm
Age group	6+
Play capacity (users)	8
Colour options	



Cocowave Pendulum Swing

M984



Cocowave swing

Physical: supports muscle strength, sense of balance and space. Bone density is built up when children swing and jump on-off.

Social-emotional: height and speed of swinging supports self-esteem. When listening and negotiating, children develop their empathy and cooperation skills.

Cognitive: height and speed of swinging helps children to judge distances and heights.



Connectors in the side of the rope

Physical: allow for foot position between connectors resulting in ease of use when standing up swinging. Develops muscle strength.

Social-emotional: room for different body positions like standing, sitting and lying.



Chains

Physical: space between chains supports a comfortable grip for use of muscle strength when standing up swinging.



Coconut rope

Physical: balance and coordination is supported when walking the swaying rope. A good sense of balance transfers to other skills such as sitting still on a chair. Bone density is developed when jumping off.

Social-emotional: children swaying together on the rope experience their own and others' movements. This spurs cooperation and consideration, e.g. when passing others on the rope.



Cocowave Pendulum Swing

M984



The steel pipes are hot dip galvanised inside and outside with lead free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.



Powder coated top finish on top of galvanisation is processed in two steps: Light grinding and clean sweeping, powder coating - thickness 70-120 µm.



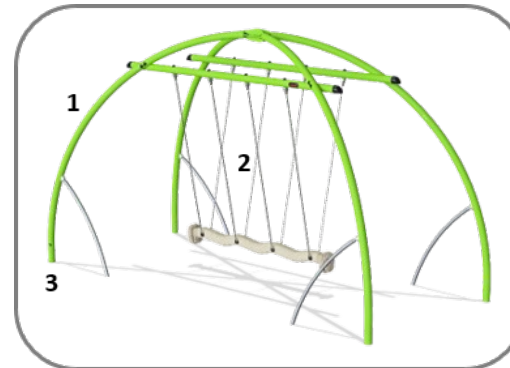
Unique designed swing hangers of stainless steel with anti-twist function. The hangers are attached to the cross beam by a bolt through connection to ensure high durability.



The rope of the pendulum swing is made of polypropylene (PP) rope in Coconut style with a square shape of 14x14cm. The ends of the Coconut rope are closed by a steel clamps and sealed by a glued-on shrinkable tubing. The last 10cm of the rope ends are cut open to make a tassel with bumper function to fulfill global safety requirements.



The chain/ropes are attached to the Coconut rope by KOMPAN swivel bushings made of stainless steel with bronze bearings. The swivels have an outside cover of black PUR. The usage of side mounted swivels provides frictionless movement, eliminates fingers and feet entrapments and enlarges the standing surface on top of the rope.



The Cocowave pendulum swing is available in multiple options: Galvanised steel with optional powder coated top finish in lime green colour, Rope or stainless steel chain suspensions, In-ground or surface anchoring.

Item no. M98401-1011	
Installation Information	
Max. fall height	179 cm
Safety surfacing area	22.9 m ²
Number of installers	2
Total installation time	9.6
Excavation volume	2.08 m ³
Concrete volume	1.12 m ³
Footing depth (standard)	100 cm
Shipment weight	620 kg
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
Hot dip galvanised steel	Lifetime
Chains	10 years
Ropes & nets	10 years
Movable parts	2 years
Spare parts guaranteed	10 years





Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
M98401-1011	1,186.40	3.04	38.80

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

Kompan A/S
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Validation of CO₂ calculation of: Freestanding play equipment



Data version no. 2021-09-27

The CO₂ calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Freestanding play equipment" represented by item no.: KSW92011-0910.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

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Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

Validation based on report: Validation of CO₂ calculation of 8 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Bente Hviid and Peter Bendtsen.

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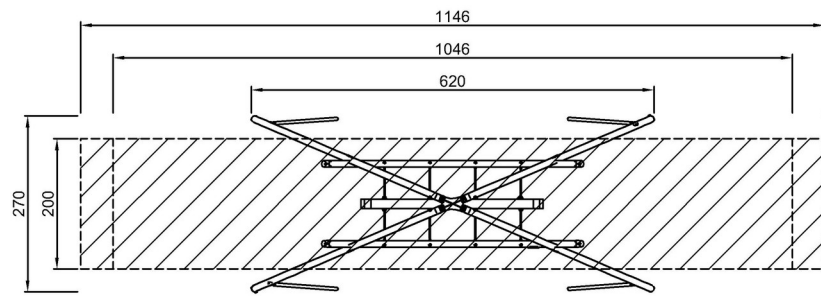


Cocowave Pendulum Swing

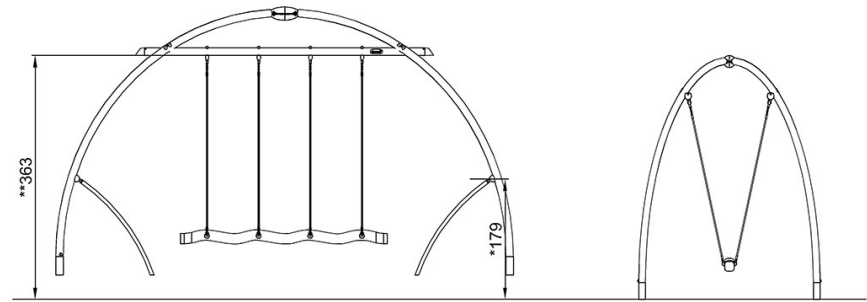
M984

* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



M98401
*179cm
**363cm
***22.9m²



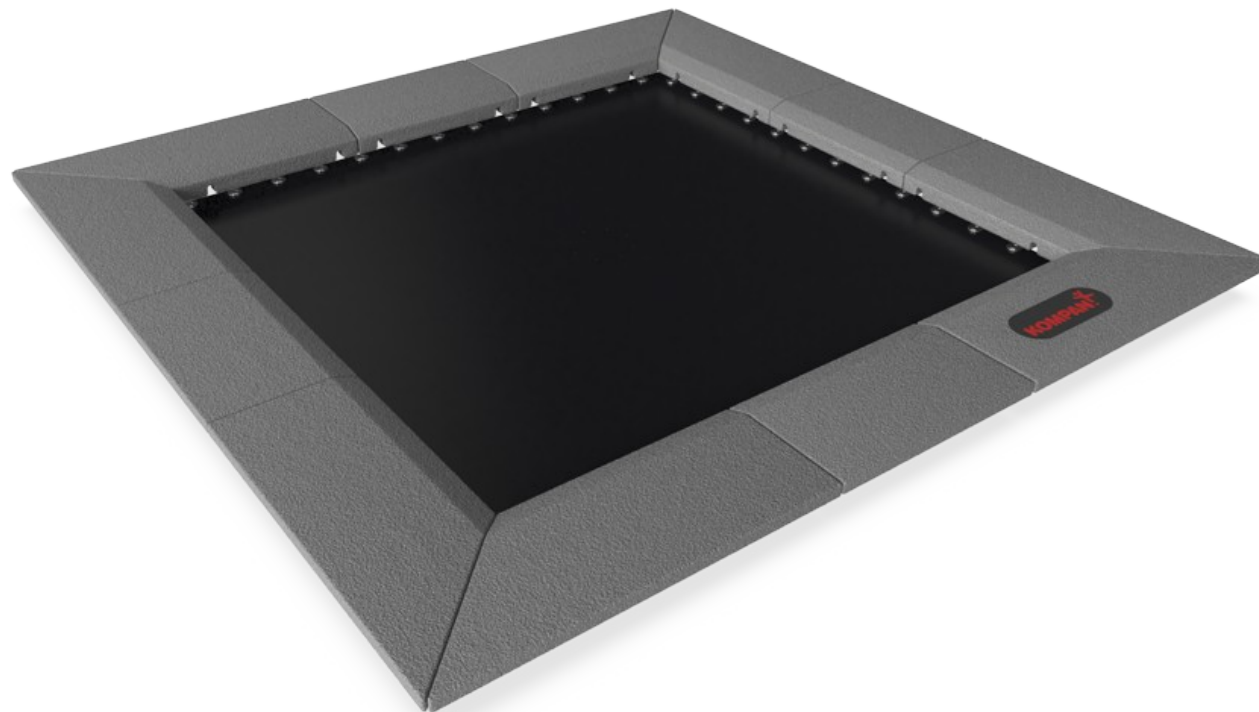
M98401

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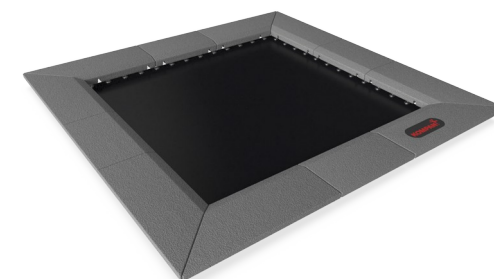
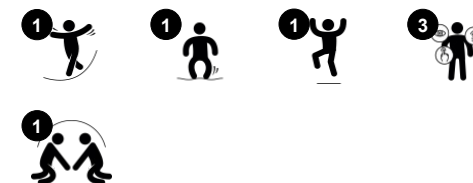
[Click to see SIDE VIEW](#)

Jumper Square, 150x150cm

JUM104



Item no. JUM10401-0301	
General Product Information	
Dimensions LxWxH	210x210x0 cm
Age group	4+
Play capacity (users)	1
Colour options	●



Bouncing on the Jumper Square is one of the most popular activities of the playground. The children will be highly attracted to the immediate response of the Jumper to their movements and jump repeatedly. The small measure of the Jumper makes it perfect as playground "glue", connecting activities when put together in paths. This will support games

like The Ground is Lava. Jumping is a fantastic activity for motor skills such as balance, proprioception and rhythm. When jumping up and down, all big muscle groups get trained. The jumping on and off the Jumper additionally builds bone density. Bone density is primarily built during early youth, so to build strong bones for life, children should take as much

weight bearing activity as they can. There are few ways funnier than the responsive Jumper. With assistance, non-motorized wheelchairs can be assisted onto the Jumper for a gently bouncing experience.



Data is subject to change without prior notice.

Jumper Square, 150x150cm

JUM104



Bouncy floor

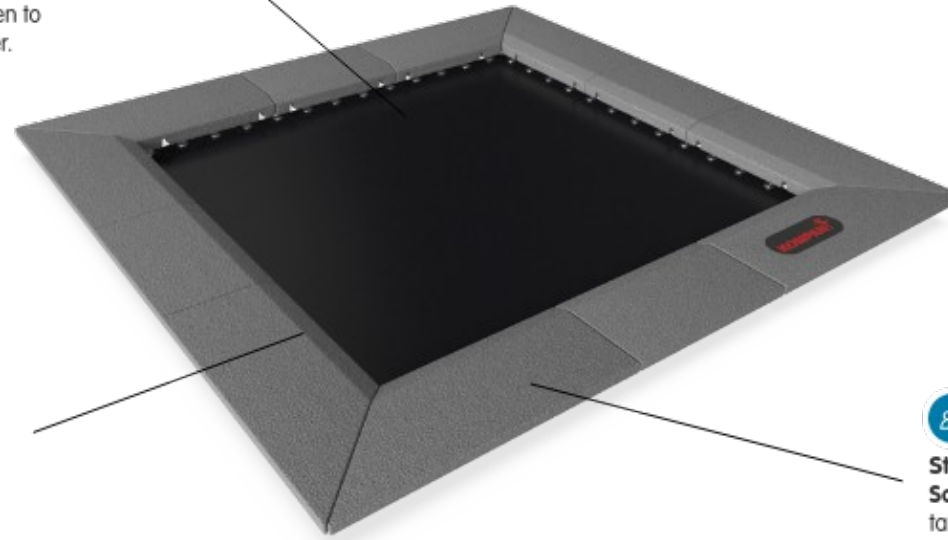
Physical: trains motor skills ABC: agility, balance and coordination, as well as proprioception and rhythm when jumping on and off. Bone density is built when jumping on and off.

Social-emotional: turn-taking and cooperation skills when timing when to jump in and out, one after the other.



Size of membrane and inclined tiles

Social-emotional: support inclusive play, allowing accessibility for wheelchair users onto the Jumper floor.

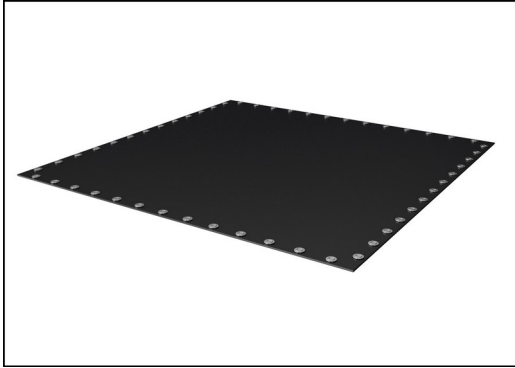


Sturdy rubber edging

Social-emotional: supports turn-taking skills and cooperation offering a sturdy, yet softer waiting and observing space for children about to enter.

Jumper Square, 150x150cm

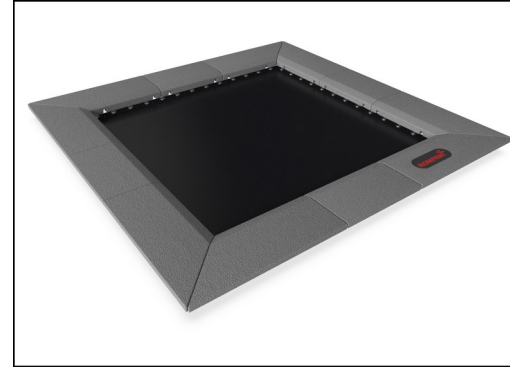
JUM104



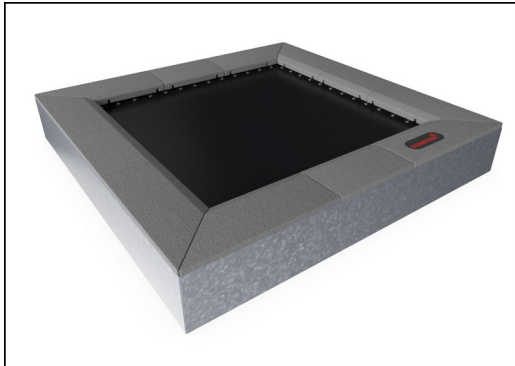
The jumping membranes are made of 6,0mm thick EP Ethylene-Propylene conveyor belt with polyester polyamide fabric carcass. Spring fixations are reinforced with steel bushings and washers on both sides. The membrane is ozone resistant and equipped with 8 center placed water drain holes.



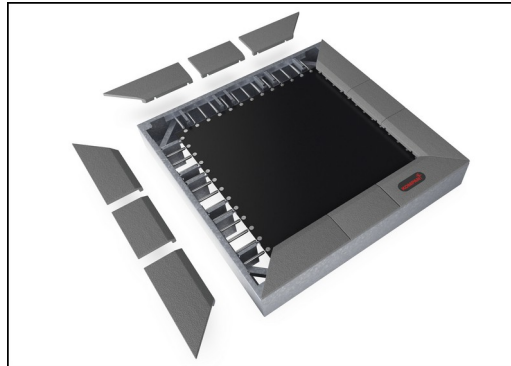
All 52 springs are made of stainless steel to ensure durability and excellent corrosion resistance. The steel wire is 3,2 mm thick and the last five windings are cone shaped to ensure long lifetime of the jumper.



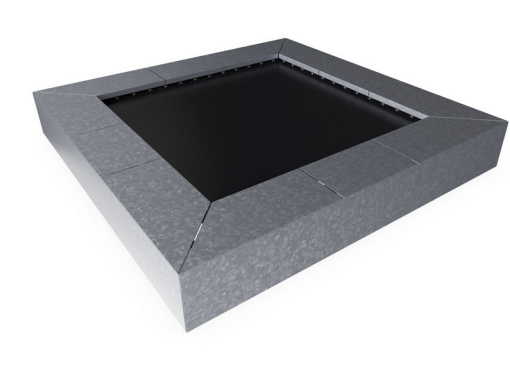
The tiles are molded in grey granulated recycled rubber (SBR/NR), and the KOMPAN logo is made of EPDM Ethylene Propylene Diene Monomer. Inside each of the rubber tiles there is a 3 mm hot dip galvanized steel plate.



All steel components are manufactured from carbon steel S235 in a thickness of 3 mm. Side panels, support walls for top frame, plates bended with SBR and plates flat for in-situ surfacing are hot dip galvanized.



As a unique feature the SBR tiles can be removed for cleaning and service. By loosen six screws the SBR tile can be lifted up to open and gain access to the springs (see instruction on KOMPAN Master).



If customized colors of the surfacing is requested all jumpers can be ordered with steel plates suitable for in situ surfacing in preferred color. For in situ installations there is no service opening option.

Item no. JUM10401-0301

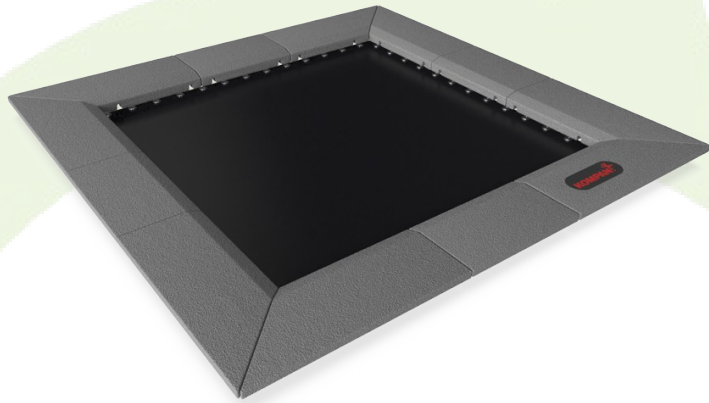
Installation Information

Max. fall height	100 cm
Safety surfacing area	26.8 m ²
Number of installers	2
Total installation time	4.1
Excavation volume	1.86 m ³
Concrete volume	0.11 m ³
Footing depth (standard)	60 cm
Shipment weight	435 kg
Anchoring options	In-ground <input checked="" type="checkbox"/>

Warranty Information

Hot dip galvanised steel	Lifetime
Jumper springs	2 years
Jumping bed material	2 years
SBR rubber	2 years
Spare parts guaranteed	10 years





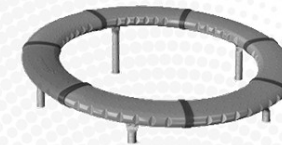
Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
JUM10401-0301	592.20	2.06	59.00

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

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Validation of CO₂ calculation of: Freestanding play equipment



Data version no. 2021-09-27

The CO₂ calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Freestanding play equipment" represented by item no.: GXY916012-3417.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

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Validated by:

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

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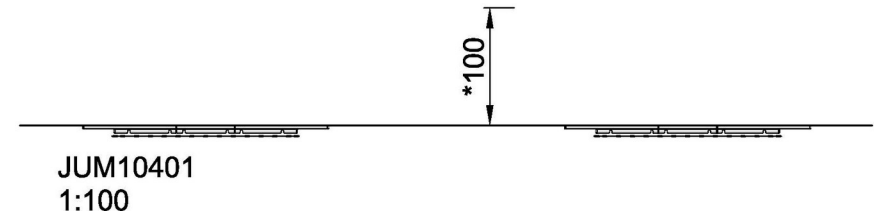
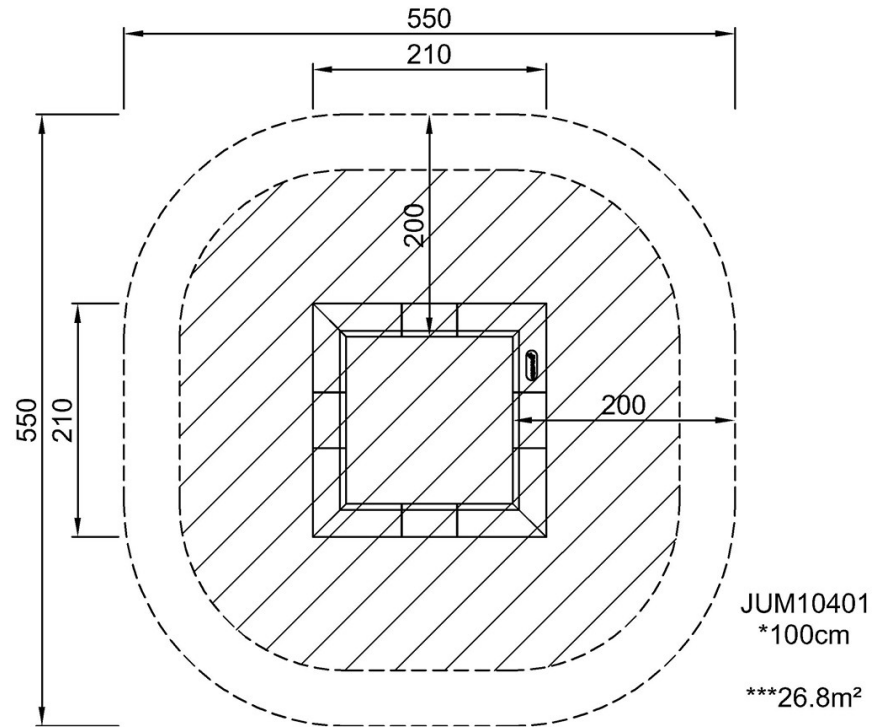


Jumper Square, 150x150cm

JUM104

* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



[Click to see TOP VIEW](#)


[Click to see SIDE VIEW](#)

4-Seat Frame H:2.5m

KSW904

KOMPAN
Let's play



Item no. KSW904-0902	
General Product Information	
Dimensions LxWxH	655x240x274 cm
Age group	2+
Play capacity (users)	-
Colour options	



KOMPAN swings can be configured to adapt individual needs & demands. All A-Frame swings are available in 2,0m and 2,5m height with posts of impregnated pine wood or hot dip galvanized steel. As seats we offer standard swing seat, cradle seat, toddler seat or bird nests with a diameter of \varnothing 100cm or 120cm. Further the seats are available with either hot

dip galvanized chains or stainless steel chains and if preferred with antiwrap suspensions. The modular swing system also enable multibay configurations with 2,3,4 or more sections.



4-Seat Frame H:2.5m

KSW904

Item no. KSW904-0902	
Installation Information	
Number of installers	2
Total installation time	6.3
Excavation volume	1.95 m3
Concrete volume	0.00 m3
Footing depth (standard)	90 cm
Shipment weight	184 kg
Anchoring options	In-ground ✓
Warranty Information	
Hot dip galvanised steel	Lifetime
Movable parts	2 years
Spare parts guaranteed	10 years





Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
KSW904-0902	377.30	2.18	35.70

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

Kompan A/S
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 Denmark



Validation of CO₂ calculation of: Freestanding play equipment



Data version no. 2021-09-27

The CO₂ calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Freestanding play equipment" represented by item no.: KSW92011-0910.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

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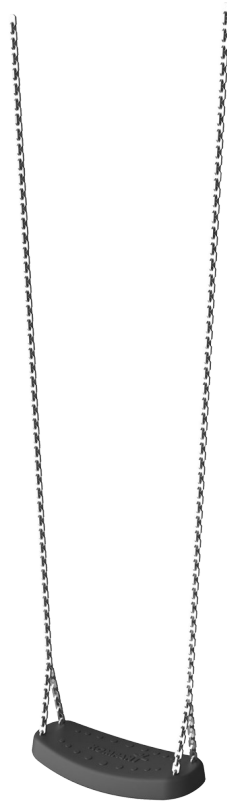
Publication date: 15. October 2021

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2.5m high stainless

SW990011



Item no. SW990011-00	
General Product Information	
Dimensions LxWxH	63x21x0 cm
Age group	2+
Play capacity (users)	1
Colour options	●



The KOMPAN swing seat is specially designed for children. It has a curved shape with a non skid surface of thermoplastic elastomers (TPE) which is moulded on an insert of polypropylene (PP) plastic. The combination of these two types of plastic gives a high value seat with a soft, user friendly surface. The seat is attached to the swing by use of Y-chains.



2.5m high stainless

SW990011



Swing seat

Physical: balance, coordination and spatial awareness are developed when swinging. These are necessary skills for judging distances and navigating. The swinging movement trains the arm, leg and core muscles, and strengthens bone density when jumping off.

Cognitive: cause and effect understanding, managing rhythm and thinking skills for younger children when swinging.

2.5m high stainless

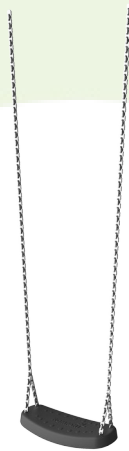
SW990011



The standard seats of KOMPAN swings is engineered for maximum safety and durability. The two component seat with a PP inner core and outside rubber is produced in one operation. The seats are available with swing chains of either hot dip galvanised steel or stainless steel for all swings heights.

Item no. SW990011-00	
Installation Information	
Max. fall height	144 cm
Safety surfacing area	13.8 m ²
Number of installers	2
Total installation time	0.1
Excavation volume	0.00 m ³
Concrete volume	0.00 m ³
Footing depth (standard)	0 cm
Shipment weight	6 kg
Anchoring options	
Warranty Information	
Swing seat	10 years
Chains	10 years
Spare parts guaranteed	10 years

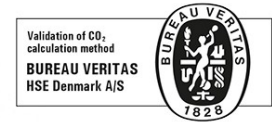




Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
SW990011-00	22.60	4.24	31.30

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

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Validation of CO₂ calculation of: Freestanding play equipment



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(Scope 3 emissions include emission sources in the upstream and downstream value chain).

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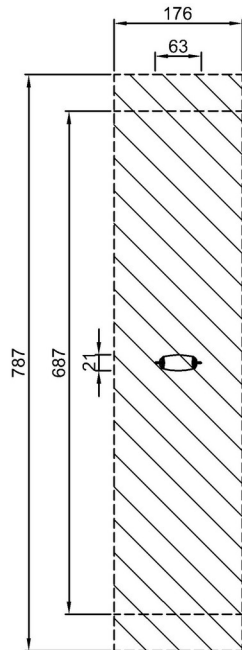


2.5m high stainless

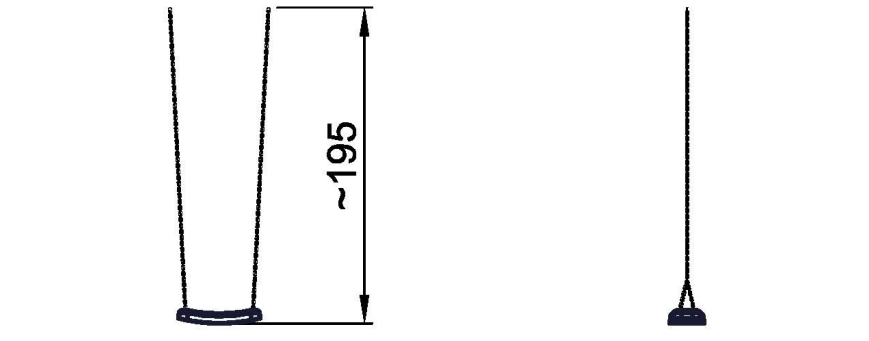
SW990011

* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



SW990011
***13.8m²



SW990011
1:100

[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)

Shell Nest Seat 120cm H:2,5m

SW990091

Item no. SW990091-06

General Product Information

Dimensions LxWxH	193x124x0 cm
Age group	4+
Play capacity (users)	7
Colour options	



Well designed swing seats are essential to a beneficial play experience. The shell seat focus' on user-friendliness, component quality and impact safety. Nest seats are available with a rope seat or a moulded shell seat. The seat comes with 2.5m stainless steel chains. Please note: the nest seats requires the space of two standard seats and can only be used on 2.5m

+ frames.



Shell Nest Seat 120cm H:2,5m

SW990091



Shell nest swing

Physical: balance, coordination and spatial awareness are developed when swinging. The swinging movement trains the arm, leg and core muscles, and strengthens bone density when jumping off.

Social-emotional: the spacious seat allows for many children standing, lying, seated together and is inclusive for all.

Cognitive: cause and effect understanding, rhythm and thinking skills are developed in younger children.



Shell Nest Seat 120cm H:2,5m

SW990091



The shell seat is made of 100% recyclable polyethylene (PE) and rotomoulded in one piece. The seat is designed with large outer openings for handholds and middle holes for drainage of water and dirt. The four ropes are attached with hot dip galvanised steel brackets to ensure durability for many years.



The bumpers are made with a core of strong polypropylene (PP) with a softer outer layer of thermoplastic rubber (TPE). The soft, shock absorbent bumpers with non slip surface makes the swing seat extremely user friendly.



Ropes are made of UV-stabilised PA with inner steel cable reinforcement. The rope is induction treated in order to create a strong connection between steel and rope which leads to good wear resistance.



Upper chain and safety chain are made of high quality stainless steel to ensure durability of the product.



KOMPAN heavy duty designed swing hangers of stainless steel with anti-twist function. The hangers are attached to the cross beam on a welded bracket with two bolts, The bearings are embedded with silicone lubricant and needs no further lubrication.

Item no. SW990091-06

Installation Information

Max. fall height	143 cm
Safety surfacing area	18.9 m2
Number of installers	2
Total installation time	0.5
Excavation volume	0.00 m3
Concrete volume	0.00 m3
Footing depth (standard)	0 cm
Shipment weight	35 kg
Anchoring options	

Warranty Information

Hollow PE parts	10 years
Chains	10 years
Spare parts guaranteed	10 years

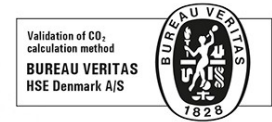




Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
SW990091-06	114.50	3.68	7.30

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

Kompan A/S
 C.F. Tietgens Boulevard 32C
 DK-5220 Odense SØ
 Denmark



Validation of CO₂ calculation of: Freestanding play equipment



Data version no. 2021-09-27

The CO₂ calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Freestanding play equipment" represented by item no.: KSW92011-0910.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

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Validated by:

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

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By Bureau Veritas HSE
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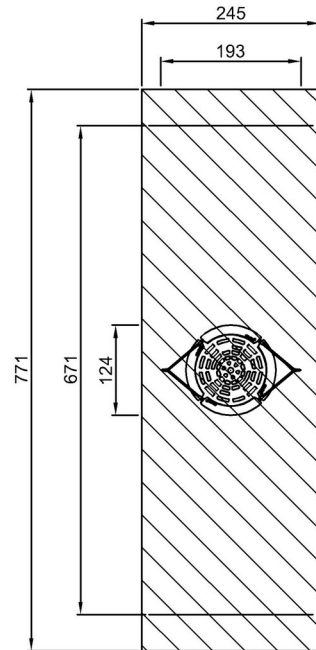


Shell Nest Seat 120cm H:2,5m

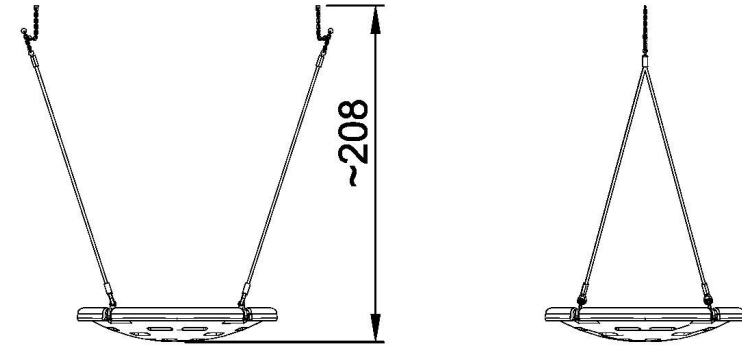
SW990091

* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



SW990091
***18.9m²



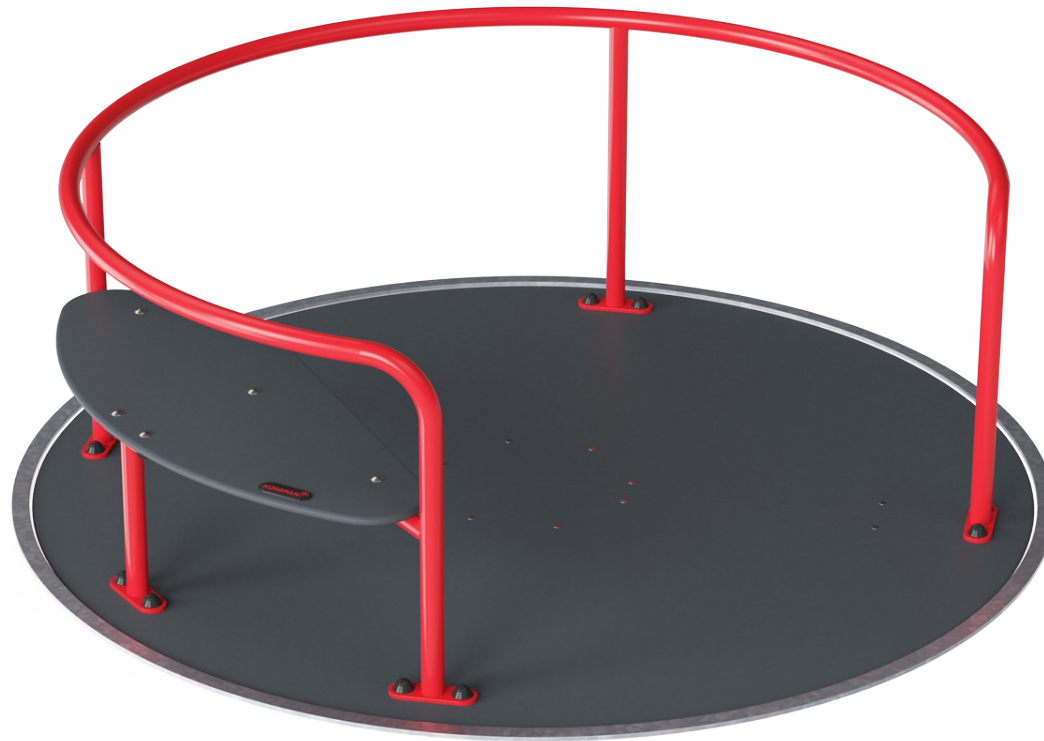
SW990091
1:100

[Click to see TOP VIEW](#)

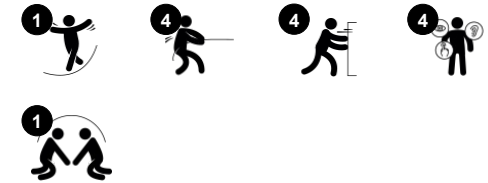
[Click to see SIDE VIEW](#)

Wheelchair Carousel

PCM157



Item no. PCM157-0201	
General Product Information	
Dimensions LxWxH	208x208x70 cm
Age group	2+
Play capacity (users)	8
Colour options	



WOW – this is play for everyone, no matter their abilities. The huge truly inclusive, universal design carousel attracts big groups of children and adults in for a spin. Due to its versatility, it appeals to children and adults again and again. The ground-level design makes the carousel accessible to everyone. The bench provides a comfortably seated spin.

The handholds function from both sides. From the inside they offer good support, whilst from the outside they help to get the carousel moving. Spinning on this carousel trains the vestibular system, the sense of balance and the spatial awareness. The benefits trained through play also encompass social skills, such as cooperation and empathy by assisting friends

of all abilities to spin and helping others wanting to join or exit. It is play with a purpose for all.



Data is subject to change without prior notice.

Wheelchair Carousel

PCM157



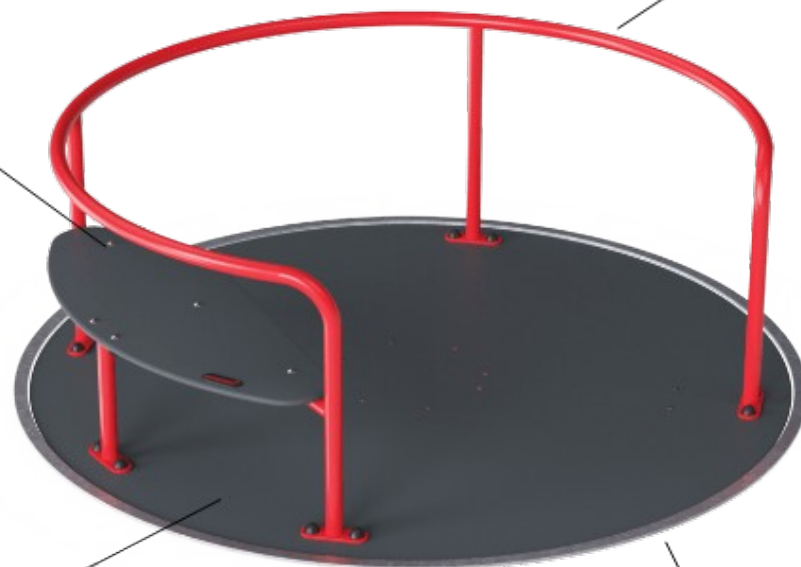
Bench

Social-emotional: a secure resting point for less confident or physically agile users. Great point for adult users or assistants.



Open space

Social-emotional: room for many users, with or without assistive devices, to spin and play together. Training of cooperation and empathy.



Handrails and side poles

Physical: pushing or pulling the carousel strengthens arm and leg muscles.

Social-emotional: pushing and pulling others facilitates cooperation and empathy: when to stop, how to take turns etc.



Rotation

Physical: pushing or pulling it into motion, children use their muscle strength and strengthen their cardio. The rotation develops the sense of balance and space when enjoying the ride.

Social-emotional: listening and negotiating how slow or fast to go, children develop their empathy and cooperation skills.



Wide open entrance

Physical: enough space for securely jumping on and off while spinning, training agility, balance and coordination, as well as building bone density.

Social-emotional: allows space for assistive devices and wheelchairs.

Wheelchair Carousel

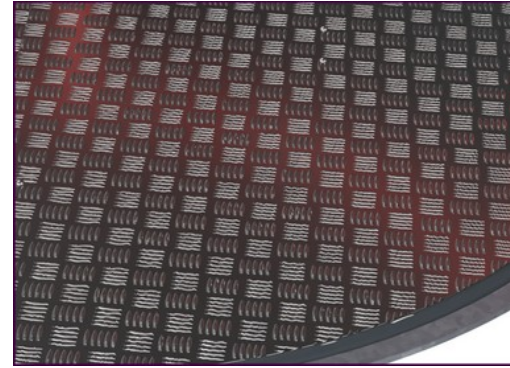
PCM157



Heavy duty designed welded carousel chassis of square steel pipes. The steel surfaces are hot dip galvanized inside and outside. The galvanization has excellent corrosion resistance in outside environments and is maintenance free.



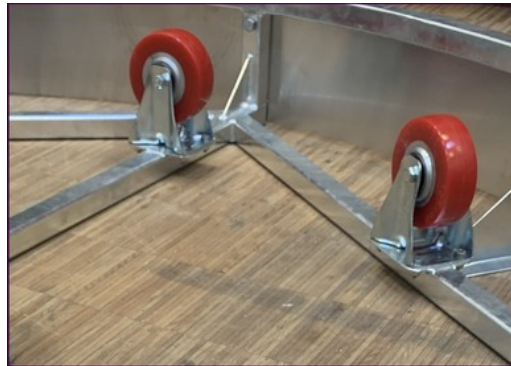
The metal parts are made of high quality steel, hot dip galvanized inside and outside with lead free zinc. On the outside, there is an additional layer of powder coating. This ensures both excellent corrosion resistance and colorful design expression.



Deck plate of 3mm thick non skid aluminum or 17,8mm thick HPL plate. For warm locations KOMPAN recommends HPL deck plate as the aluminum will get hot in sunny conditions. Both deck plates ensures safe play for all users and is maintenance free.



Seat is made of HPL with a thickness of 17.8mm with a very high wearing strength and a unique KOMPAN nonskid surface texture.



The roller system is designed with a fully closed lifetime lubricated center bearing supported by 10 wheels with a diameter of 125mm. The outer wheels ensures a smooth rotation under heavy load.



The outside hot dip galvanized steel ring makes a clear indication where the rotation deck begins. To ensure accessibility it is highly recommended to use rubber surfacing in the use zone around the carousel.

Item no. PCM157-0201

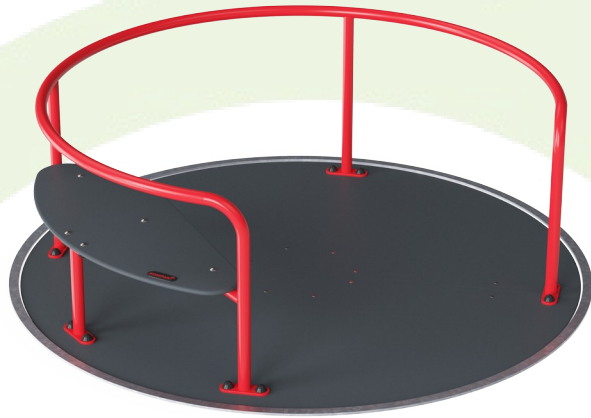
Installation Information

Max. fall height	100 cm
Safety surfacing area	29.1 m ²
Number of installers	2
Total installation time	6.3
Excavation volume	2.32 m ³
Concrete volume	0.62 m ³
Footing depth (standard)	37 cm
Shipment weight	405 kg
Anchoring options	In-ground <input checked="" type="checkbox"/>

Warranty Information

Hot dip galvanised steel	Lifetime
Aluminium deck	15 years
HPL seat	15 years
Bearing construction	5 years
Spare parts guaranteed	10 years

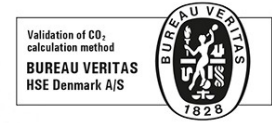




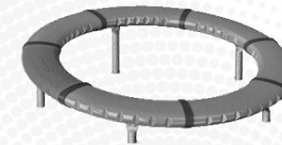
Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
PCM157-0201	606.00	2.66	27.00

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

Kompan A/S
 C.F. Tietgens Boulevard 32C
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 Denmark



Validation of CO₂ calculation of: Freestanding play equipment



Data version no. 2021-09-27

The CO₂ calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Freestanding play equipment" represented by item no.: GXY916012-3417.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

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Validated by:

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

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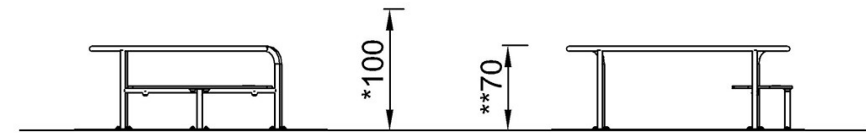
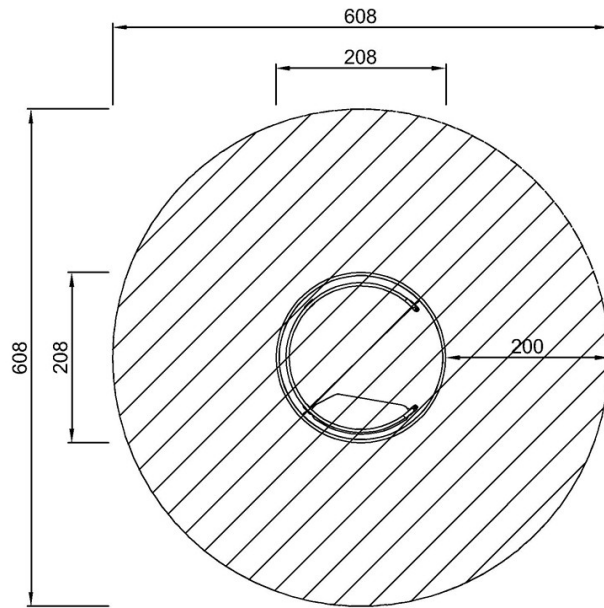


Wheelchair Carousel

PCM157

* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



PCM157

PCM157
*100cm
**70cm
***29.1m²

[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)

Cableway, for sloping area

M87211

KOMPAN
Let's play

Item no. M87211-3817

General Product Information

Dimensions LxWxH	3320x300x295 cm
Age group	4+
Play capacity (users)	1
Colour options	●



The Large Cableway is the ultimate dare devil attraction. It may attract less evident risk profiles too; with its length and supportive seat and handhold, anyone can participate. And they will, again and again. The reason for this immense holding power lies mainly in the immense thrill of gliding through the air. The feeling of weightlessness and the floating

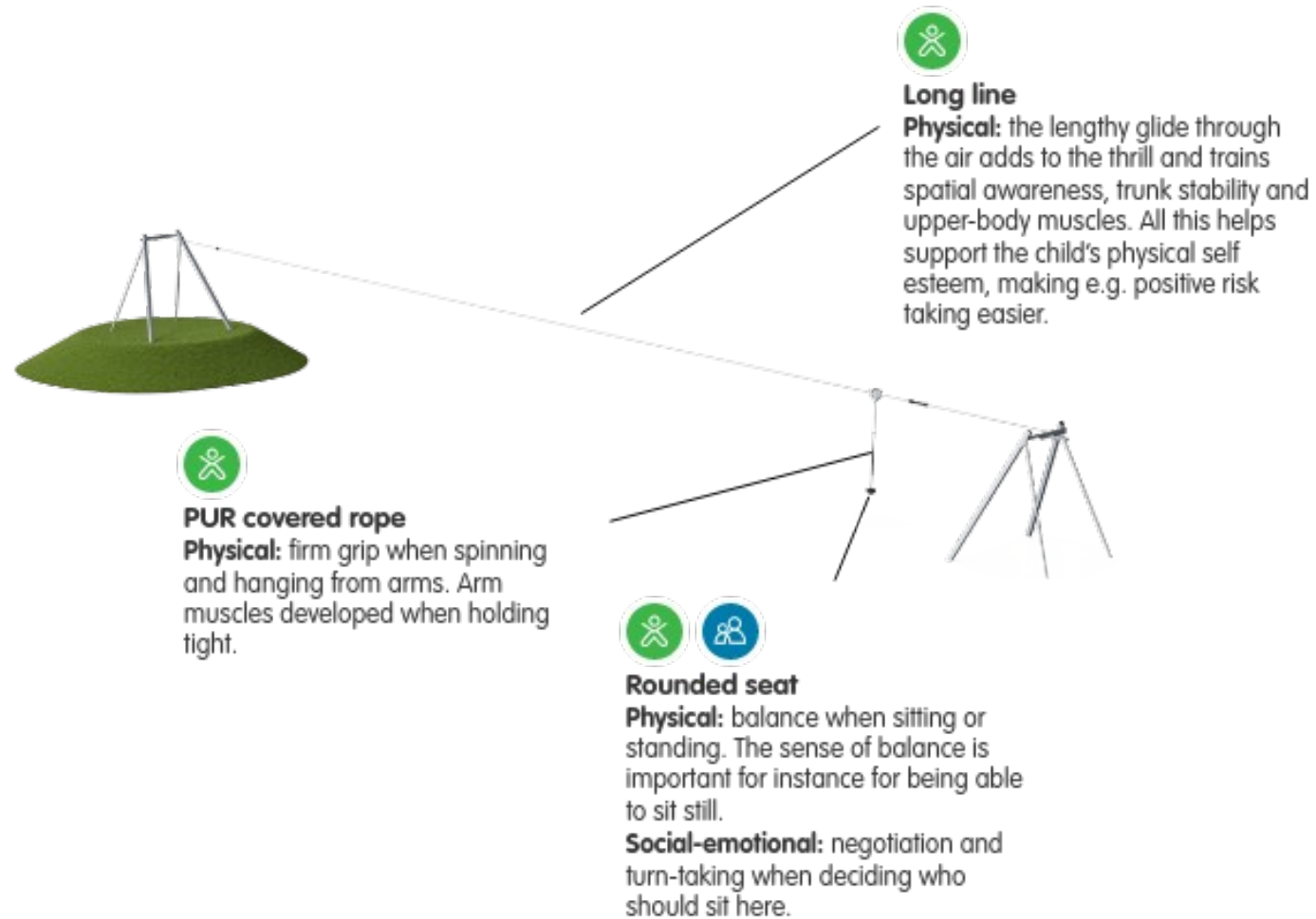
through the air at speed trains spatial awareness as well as the child's understanding of gravity, space and speed. This is necessary e.g. in managing traffic safely. The social skills get trained as children diligently hand back the seat to the next user in line. The running and pulling involved in this trains the child's cardio as well as upper body muscles.

All in all, the large cableway is an asset of play that unites generations and abilities as there is some way for almost everyone to use it.



Cableway, for sloping area

M87211



Cableway, for sloping area

M87211



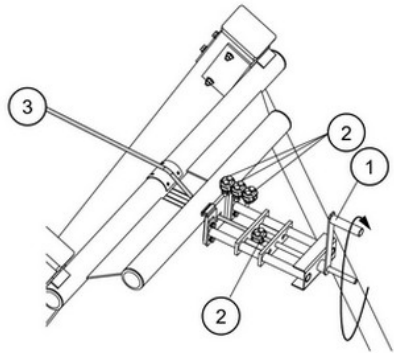
The steel surfaces are hot dip galvanised inside and outside with lead free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.



The special designed seat is made of a stainless-steel insert covered with a soft layer of PUR rubber. The seat is impact tested to fulfill all global playground standards and the rope has an ergonomic handhold of a 100cm long moulded on PUR rubber handle.



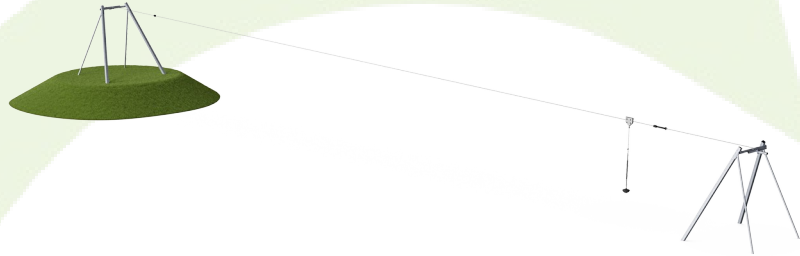
The high-quality steel cable with a diameter of 12mm is designed for heavy usage of the cableway for many years. The starting point is indicated by a knob. At the stop point there is special designed spring device ensuring a softer stop of the puller.



The steel cable 3 is tensioned by a special designed device. By turning the handle 1 the steel cable can be tensioned according to instruction in a safe way. After tensioning the cable is locked by three clamps 2. The tensioning device can also be used for adjustment during annual inspections.

Item no. M87211-3817	
Installation Information	
Max. fall height	100 cm
Safety surfacing area	118.9 m ²
Number of installers	2
Total installation time	10.1
Excavation volume	6.36 m ³
Concrete volume	1.54 m ³
Footing depth (standard)	100 cm
Shipment weight	361 kg
Anchoring options	In-ground ✓
Warranty Information	
Hot dip galvanised steel	Lifetime
PUR components	10 years
Spare parts guaranteed	10 years





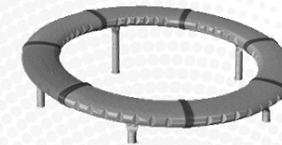
Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
M87211-3817	936.80	2.61	49.40

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

Kompan A/S
 C.F. Tietgens Boulevard 32C
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 Denmark



Validation of CO₂ calculation of: Freestanding play equipment



Data version no. 2021-09-27

The CO₂ calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Freestanding play equipment" represented by item no.: GXY916012-3417.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

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Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

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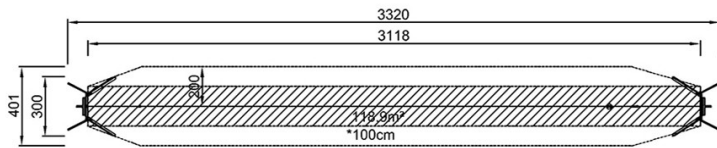


Cableway, for sloping area

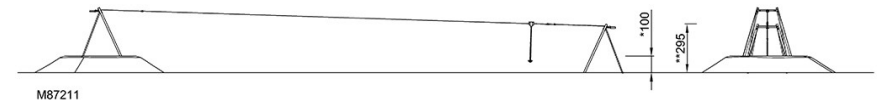
M87211

* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



M87211
*100cm
**295cm
***118.9m²



[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)


Double Tower

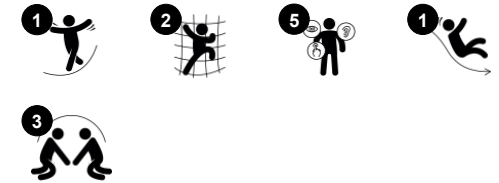
KPL2011



The slide – a popular activity among toddlers, who rejoice at the sensation of whizzing down the slide – will quickly become your playgrounds' primary attraction. Furthermore, the structure also includes a rock climber, offering an alternative access to the structure. All in all, this little play structure holds the perfect physical challenge for all toddlers, and

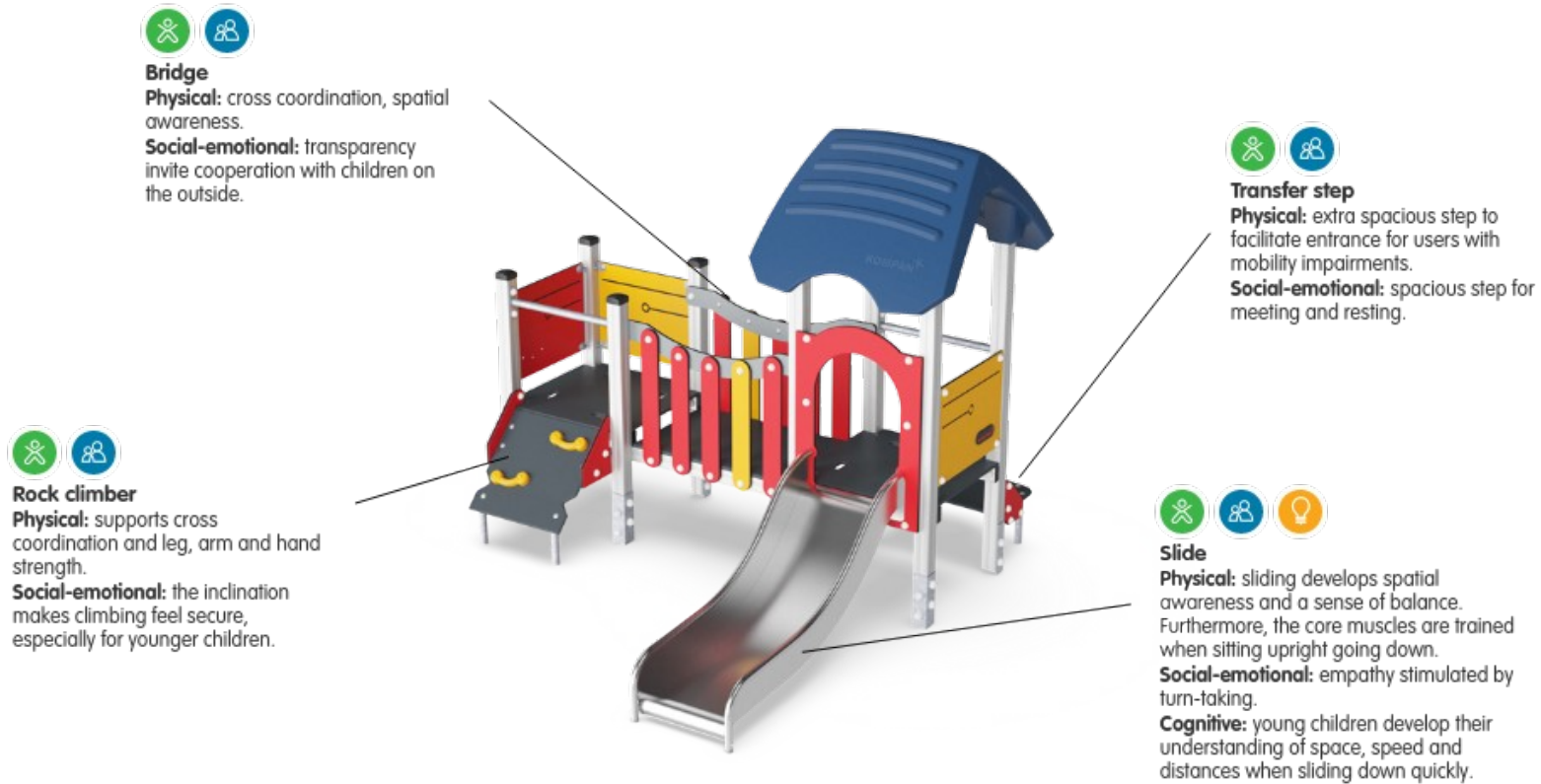
the open structure invites caregivers and peers to join in.

Item no. KPL201112-0601	
General Product Information	
Dimensions LxWxH	253x260x214 cm
Age group	1+
Play capacity (users)	9
Colour options	



Double Tower

KPL2011



Double Tower

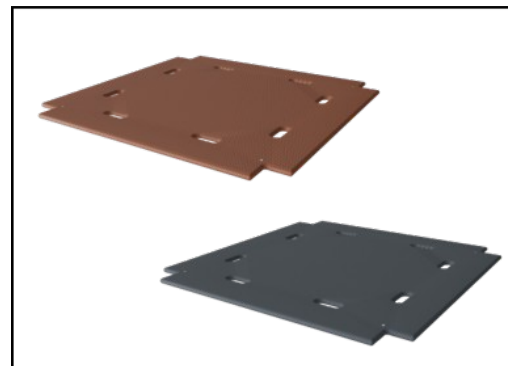
KPL2011



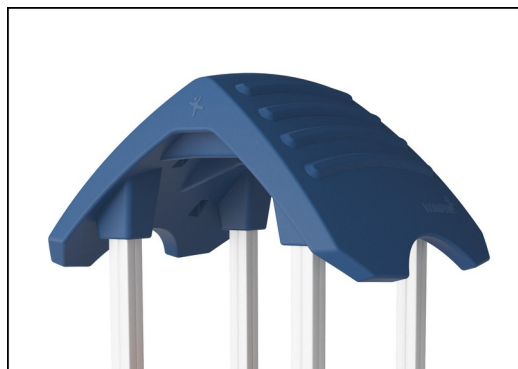
Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of a core produced from 100% recycled post consumer material from food packing waste.



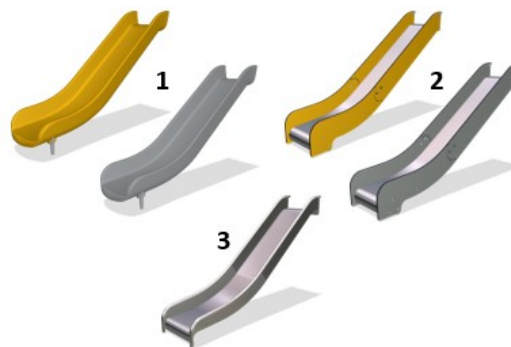
The main tower posts are available in two types of material: European pine wood posts, pressure impregnated Class 3 with Tanalith E3475 according to EN335 (Equivalent to NTR Class AB). Aluminum post t=2mm with anodized surface treatment. Base material EN AW-6060 T66.



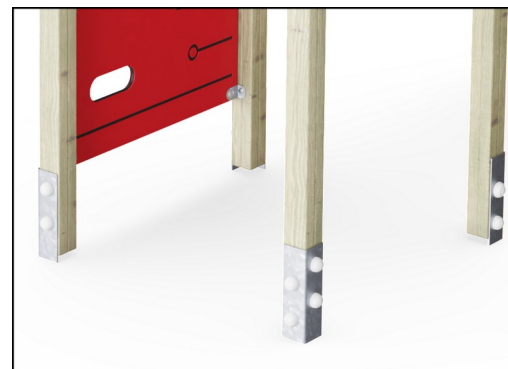
Floors and panel activities are available in two types of material: Waterproof plywood decks thickness 21.5mm from pine and alder wood with anti-slip film on both sides. High Pressure Laminate HPL thickness 17.8mm with slip resistant surface texture according to EN 438-6.



The large hollow components are made of 100% recyclable PE. The roof displayed is moulded in one piece with minimum 5,5mm wall thickness to ensure high durability in all climates around the world.



Slides are available in three different materials: moulded on piece PE slides, Combined EcoCore™ sides and stainless steel slide bed t=2mm. Full stainless steel AISI304 t=2mm.



The main posts are equipped with hot dip galvanised steel footings. The steel footings elevates the posts 20mm from ground level to avoid contact with surfacing material.

Item no. KPL201112-0601

Installation Information

Max. fall height	100 cm
Safety surfacing area	22.0 m2
Number of installers	2
Total installation time	12.3
Excavation volume	0.76 m3
Concrete volume	0.00 m3
Footing depth (standard)	60 cm
Shipment weight	353 kg
Anchoring options	In-ground ✓ Surface ✓

Warranty Information

EcoCore HDPE	Lifetime
Aluminum	15 years
Pinewood	10 years
Hollow PE parts	10 years
Spare parts guaranteed	10 years





Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
KPL201112-0601	641.00	2.75	30.50

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

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 Denmark



Validation of CO₂ calculation of: Play systems



Data version no. 2021-01-11

The CO₂ calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Play systems" represented by item no.: PCM200309-0010. (Scope 3 emissions include emission sources in the upstream and downstream value chain).

Date: 15. October 2021 | Valid until: 15. October 2023

Validated by:

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

Validation based on report: Validation of CO₂ calculation of play systems – Kompan, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Bente Hviid and Peter Bendtsen.

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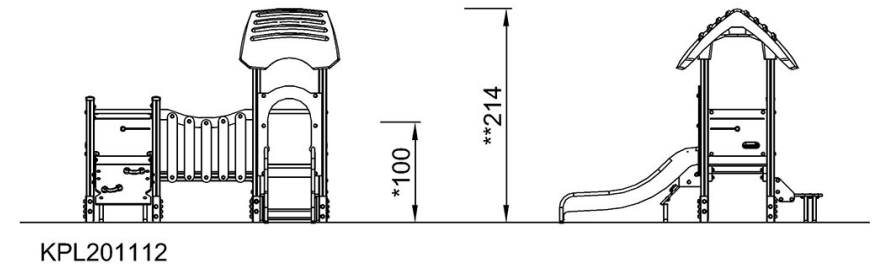
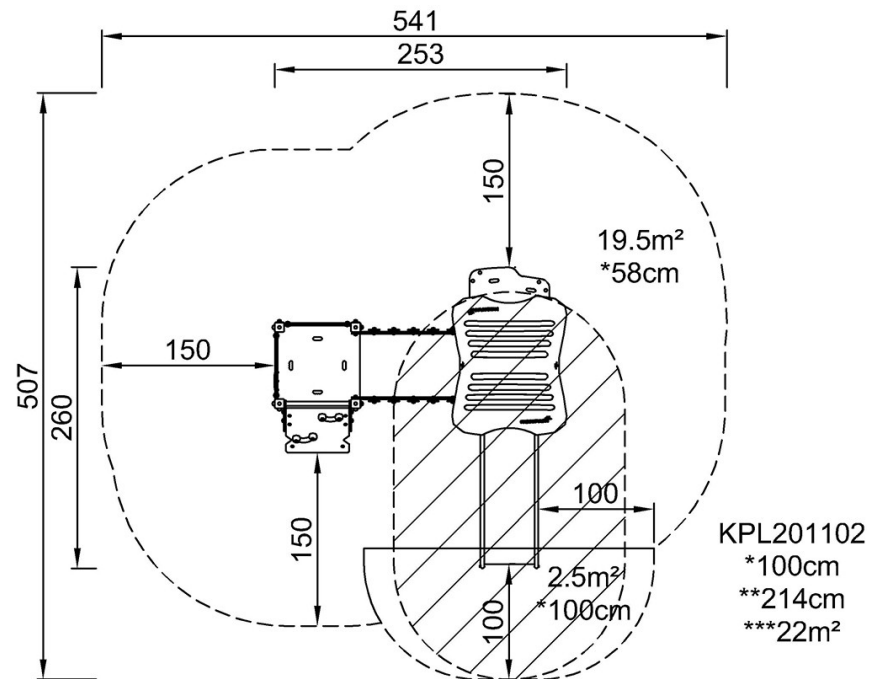


Double Tower

KPL2011

* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height




[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)

Spinner Bowl

ELE400024



Item no. ELE400024-3717LG	
General Product Information	
Dimensions LxWxH	52x55x60 cm
Age group	4+
Play capacity (users)	1
Colour options	



The Spinner Bowl makes the world go round and round! Hop in, pump your legs and sit and spin. Using centrifugal force and the weight distribution of the child, speeds can be controlled and stopping is a breeze. The Spinner Bowl secures the child in its generous depth seat and makes training balance a wild ride. When the bowl is filled with loose material

and spun in either direction, the force of rotation pushes the material from the centre and out through a drain hole. A useful tool in understanding centrifugal force and gravity, the Spinner Bowl is not only a thrill ride but a great science tool as well.



Spinner Bowl

ELE400024



Tilted, spinning bowl

Physical: the sense of balance and the coordination are supported when spinning. This effects the ability to sit still for longer periods. Muscles are developed when pushing or pulling friends.

Social-emotional: cooperation, helping others, turn-taking.

Cognitive: logical thinking when speeding up or slowing down the spin by either curling up or stretching.



Deep bowl

Social-emotional: feeling of security when scooping in the bowl. Inclusive for all abilities.

Spinner Bowl

ELE400024



The Spinner Bowl is made of recyclable PE. The bowl is moulded in one piece with integrated metal thread bushings and a water drain hole to ensure high durability in all climates around the world.



Heavy duty engineered bearing system with single row deep groove ball bearings with rubber seals. The fully closed bearing construction is lifetime lubricated and maintenance free.



The steel surfaces are hot dip galvanised inside and outside with lead free zinc. The galvanisation has excellent corrosion resistance in outside environments and requires low maintenance.



The Spinner Bowl is available in six different colour options.



The sand colored variant is made of rotomolded stone mixed PE material with non skid surface texture. Minor differences in the stone mix visuality of the material are to be expected.



GreenLine versions in dark teal color are designed with molded PP parts which consist of 25% recycled post consumer waste and 75% virgin material. GreenLine ensures the lowest possible CO2e emission factor.

Item no. ELE400024-3717LG

Installation Information

Max. fall height	100 cm
Safety surfacing area	9.8 m ²
Number of installers	2
Total installation time	1.2
Excavation volume	0.11 m ³
Concrete volume	0.06 m ³
Footing depth (standard)	90 cm
Shipment weight	22 kg
Anchoring options	In-ground ✓ Surface ✓

Warranty Information

Hollow PE parts	10 years
Bearing construction	5 years
Hot dip galvanised steel	Lifetime
Hardware	10 years
Spare parts guaranteed	10 years





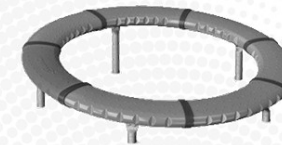
Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
ELE400024-3717LG	55.90	3.03	29.80
ELE400024-3717DT	54.10	2.93	37.60

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

Kompan A/S
 C.F. Tietgens Boulevard 32C
 DK-5220 Odense SØ
 Denmark



Validation of CO₂ calculation of: Freestanding play equipment



Data version no. 2021-09-27

The CO₂ calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Freestanding play equipment" represented by item no.: GXY916012-3417.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

Date: 15. October 2021 | Valid until: 15. October 2023

Validated by:

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

Validation based on report: Validation of CO₂ calculation of 8 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Bente Hviid and Peter Bendtsen.

Publication date: 15. October 2021

By Bureau Veritas HSE
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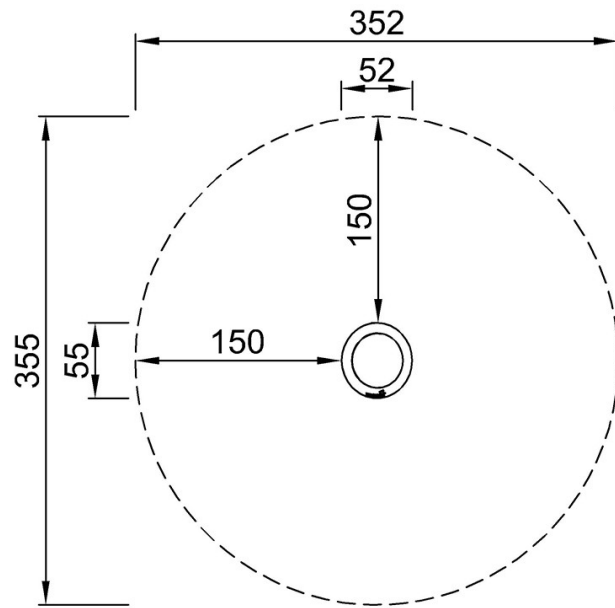


Spinner Bowl

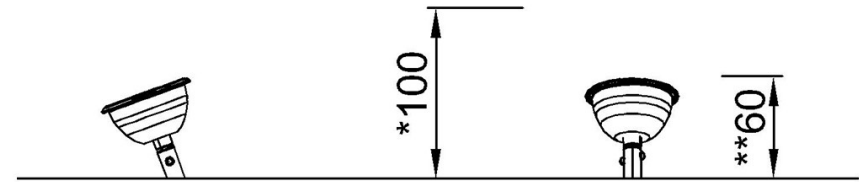
ELE400024

* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



ELE400024
*100cm
**60cm
***9.8m²



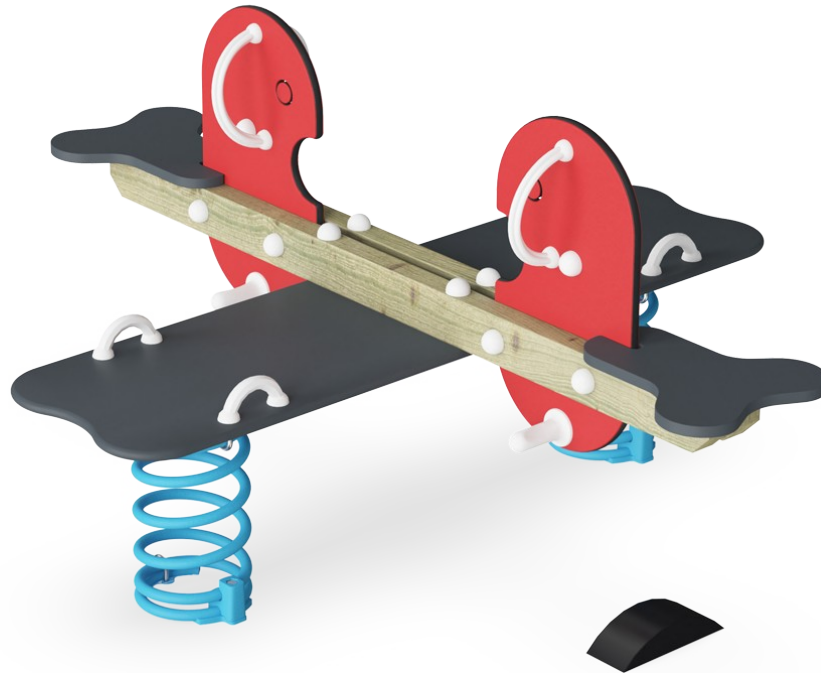
ELE400024

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[Click to see SIDE VIEW](#)

Quartet Seesaw

M155



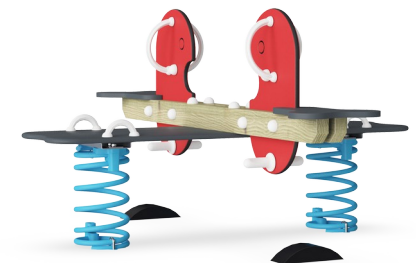
There is ample space for two friends to have a seesaw ride but as its name reveals, the Quartet Seesaw also has room for one or more of the friendly crowd to take a seesaw ride on the broad wings, sitting, kneeling or - if they are really feeling brave - standing. This equipment - like all the other spring-based items from KOMPAN - is featured with a special spring

construction ensuring that even if a child suddenly stops and jumps off along the way, the other child will not be let down with a bump.

Item no. M15525-01P

General Product Information

Dimensions LxWxH	140x164x82 cm
Age group	3+
Play capacity (users)	4
Colour options	



Quartet Seesaw

M155



Handhold

Physical: the possibility to hold onto more areas of the handhold ensures a good grip, necessary for rocking intensely. This trains hand and arm muscles.



Rocking together

Social-emotional: the possibility of rocking two together trains cooperation skills. Consideration of others when rocking.



Rocking spring

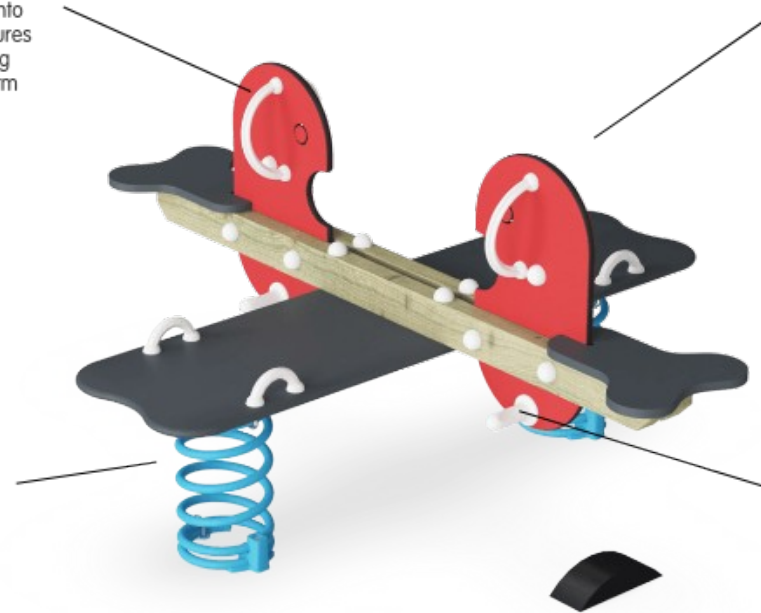
Physical: response to movements adds to spatial awareness and sense of balance. These are fundamental motor skills that help the child's ability to sit still on a chair which takes a good sense of balance.

Cognitive: trains the understanding of cause and effect: when I move my body, the spring responds with movement.



Foot support

Physical: the possibility of footrest supports intensive rocking. Rocking stimulates the senses of balance and space that are fundamental in managing the world securely.



Quartet Seesaw

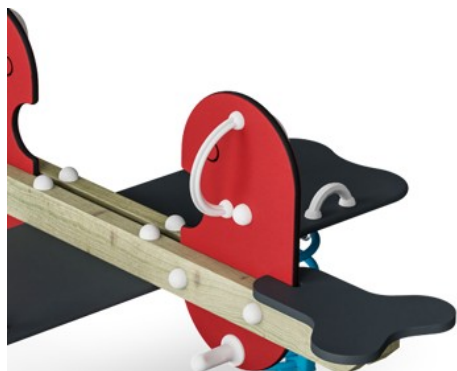
M155



Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of a core produced from 100% recycled post consumer material from food packing waste.

KOMPAN Springs are made of high quality spring steel according to EN10270. The springs are cleaned by phosphating before they are painted with an epoxy primer and a polyester powder coating as top finish. The springs are fixed by unique anti pinch fittings for maximum safety and long lifetime.

The springs are fixed by unique anti pinch fittings for maximum safety and long lifetime.



Handholds and footrests are made of injection moulded high quality nylon (PA6). PA6 has good wearing and impact strength.



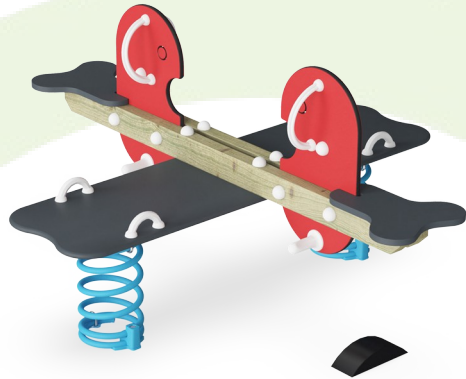
Foot support is made of HPL with a thickness of 17,8mm with a very high wearing strength and a unique KOMPAN nonskid surface texture.



Beams are made of pine wood from sustainable European sources. The wood is pressure impregnated Class 3 with Tanalith E3475 according to EN335 (Equivalent to NTR Class AB).

Item no. M15525-01P	
Installation Information	
Max. fall height	100 cm
Safety surfacing area	11.6 m2
Number of installers	2
Total installation time	5.0
Excavation volume	0.48 m3
Concrete volume	0.00 m3
Footing depth (standard)	42 cm
Shipment weight	108 kg
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
EcoCore HDPE	Lifetime
Springs	5 years
HPL seat	15 years
Hot dip galvanised steel	Lifetime
Spare parts guaranteed	10 years





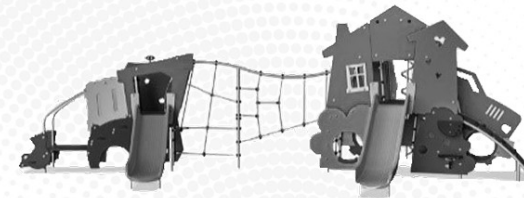
Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
M15525-01P	185.50	1.77	44.00

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

Kompan A/S
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 Denmark



Validation of CO₂ calculation of: Themed play systems



Data version no. 2021-09-27

The CO₂ calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Themed play systems" represented by item no.: MSC641100-3717P.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

Date: 15. October 2021 | Valid until: 15. October 2023

Validated by:

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

Validation based on report: Validation of CO₂ calculation of 8 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Bente Hviid and Peter Bendtsen.

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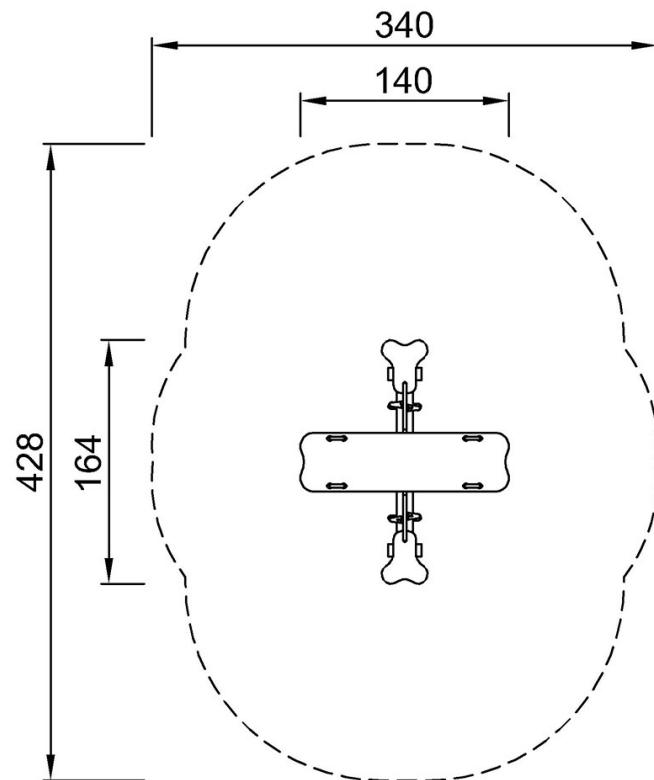


Quartet Seesaw

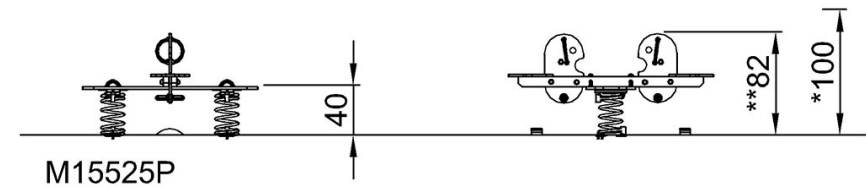
M155

* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



M15525P
*100cm
**82cm
***11.6m²




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[Click to see SIDE VIEW](#)

2-Seat Frame H:2.5m

KSW902



Item no. KSW902-0902	
General Product Information	
Dimensions LxWxH	354x240x274 cm
Age group	2+
Play capacity (users)	-
Colour options	



KOMPAN swings can be configured to adapt individual needs & demands. All A-Frame swings are available in 2,0m and 2,5m height with posts of impregnated pine wood or hot dip galvanized steel. As seats we offer standard swing seat, cradle seat, toddler seat or bird nests with a diameter of ø100cm or 120cm. Further the seats are available with either hot

dip galvanized chains or stainless steel chains and if preferred with antiwrap suspensions. The modular swing system also enable multibay configurations with 2,3,4 or more sections.



2-Seat Frame H:2.5m

KSW902

Item no. KSW902-0902	
Installation Information	
Number of installers	2
Total installation time	4.1
Excavation volume	1.30 m3
Concrete volume	0.00 m3
Footing depth (standard)	90 cm
Shipment weight	109 kg
Anchoring options	In-ground ✓
Warranty Information	
Hot dip galvanised steel	Lifetime
Movable parts	2 years
Spare parts guaranteed	10 years





Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
KSW902-0902	215.70	2.10	34.00

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

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Validation of CO₂ calculation of: Freestanding play equipment



Data version no. 2021-09-27

The CO₂ calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Freestanding play equipment" represented by item no.: KSW92011-0910.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

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Validated by:

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

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Cradle Seat H:2.5m

SW990026

Item no. SW990026-00

General Product Information

Dimensions LxWxH	62x31x0 cm
Age group	1+
Play capacity (users)	1
Colour options	



SWING MODULE 3PP CRADLE SEAT H:2.5m
SS CHAINS



Cradle Seat H:2.5m

SW990026



Cradle seat
Physical: balance, coordination and spatial awareness are developed when swinging. These are necessary skills for judging distances and navigating.
Social-emotional: the rhythmic movement can have a calming effect on young children.
Cognitive: understanding of cause and effect.

Cradle Seat H:2.5m

SW990026



The seat base plate is made of EPDM rubber. It has good heat and abrasion resistance.



The seats are available with swing chains of either hot dip galvanised steel or stainless steel for all swings heights.

Item no. SW990026-00

Installation Information

Max. fall height	145 cm
Safety surfacing area	13.9 m ²
Number of installers	2
Total installation time	0.2
Excavation volume	0.00 m ³
Concrete volume	0.00 m ³
Footing depth (standard)	0 cm
Shipment weight	9 kg
Anchoring options	

Warranty Information

EPDM components	2 years
Chains	10 years
Spare parts guaranteed	10 years





Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
SW990026-00	59.20	7.20	19.60

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

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Validation of CO₂ calculation of: Freestanding play equipment



Data version no. 2021-09-27

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(Scope 3 emissions include emission sources in the upstream and downstream value chain).

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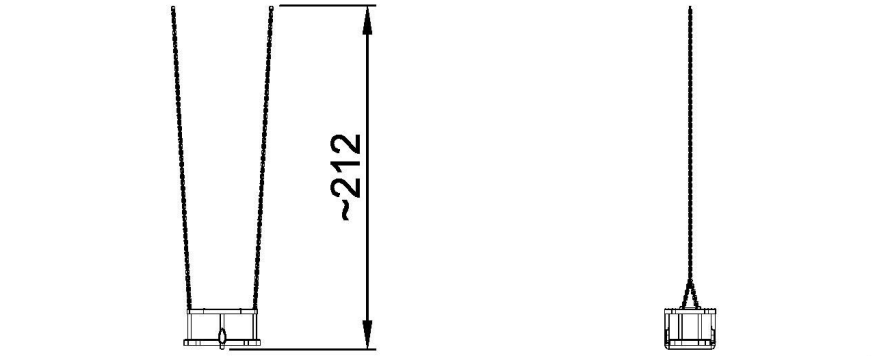
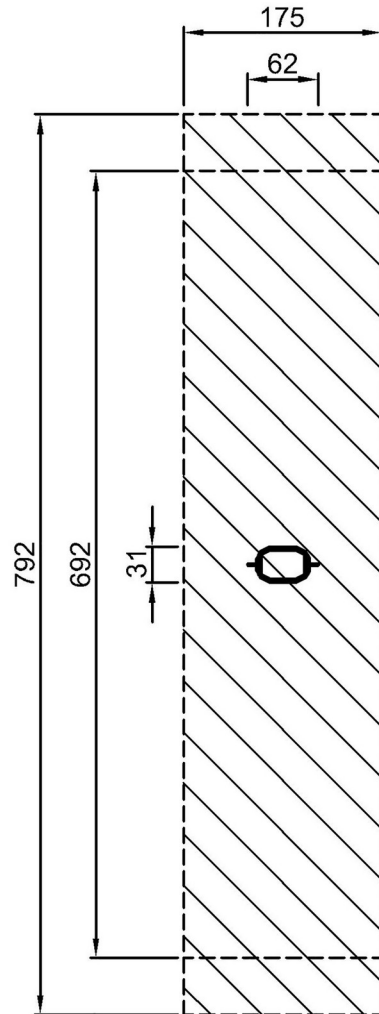


Cradle Seat H:2.5m

SW990026

* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



SW990026
1:100

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