

HAGS

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HAGS UNIMINI

TECHNICAL SPECIFICATIONS

Surface requirements

soft surface in accordance with EN 1176.

Assembly specifications

Supplied in roof, wall and floor sections with pre-drilled holes for fitting to grooved wooden posts.

Anchoring specifications

HAGS patented ground-post system and prefabricated sunken frames of hot-dip galvanised steel profiles. Deeper anchoring is necessary in loose fillings such as bark or saw chips. HAGS UNIMINI is also available for above-ground assembly using bolt anchoring. Please contact your HAGS distributor.

Inspection

Weekly.

Maintenance

Once a season.

Module size

0.67x0.67 m, 1.33x1.33 m.

Wood treatment and finish

All timber is treated after machining in accordance with European standard EN 351, Class P5 and the directives of the Nordic Wood Preservation Council. Surfaces are treated with 1x coat of penetrating primer and 1x coat of film-forming woodstain finisher.

Posts

Turned 70 mm pine posts with a super-ellipse cross-section. Four grooves run the length of the posts and the top is protected with a polyamide end cap. The posts are fitted with our patented anchoring device, preventing the wood from coming into contact with the ground by leaving a 70 mm gap between the post and the sand surface.

Walls

Type 1. HAGS order numbers from the 608 series. 8 or 12 mm HPL, a board material with first-class durability and weather resistance properties. Type 2. HAGS order numbers from the 606 series. Planed pine, 21'93 mm.

Floors/Decking

21 mm phenol film-coated plywood.

Steps

18 mm HPL side walls with aluminium rungs/treads.

Other parts

All steel is surface-coated with powder lacquer of phased quality. Plywood is protected on both sides by a phenolic film coating.

HAGS UNIMINI

above ground outdoors

Our specially designed fittings for HAGS UNIMINI combinations allow equipment to be assembled on concrete surfaces without the need for sunken foundations or poured concrete.

These fittings are designed for use on concrete surfaces together with rubber matting.

Equipment should be anchored in place using the expansion bolts supplied by HAGS. The surface under and around the play equipment must always comply with current safety standards. Please contact HAGS for more information.

HAGS ZINGO

TECHNICAL SPECIFICATION

Surface requirements

Surface in accordance with EN 1176.

Assembly specifications

Supplied in post and platform sections with clamp and fixing system for fitting to painted steel posts

Anchoring specifications

In-ground poured concreting is the primary method of anchoring.

HAGS ZINGO is also available for above-ground assembly using bolt anchoring. Please contact your HAGS distributor for more information.

Inspection

Visual Inspection is necessary weekly or daily in high usage or high vandalism risk areas

Maintenance

Operational inspection is necessary every 1 - 3 months depending on usage frequency or high vandalism risk areas.

Posts

Ø88.9mm, 5mm thick.

Steel (EN 10210) and P770 zinc rich epoxy powder and polyester colour powder to a minimum thickness of 120 microns.

Panels

High density polyethylene panels, two colours, with a minimum thickness of 19mm, with good resistance to UV.

Panel Frames

Ø33.7 x 3mm Steel (EN 10210) and P770 zinc rich epoxy powder and polyester colour powder to a minimum thickness of 120 microns.

Platforms

EkoGrip HDPE with a minimum thickness of 18mm

Rope:

Reinforced rope (6 x 8 strands of galvanized steel) nylon coated, 18mm diameter minimum.

Chains:

Spun galvanised according to BS EN ISO1461.

Climbing Walls:

Panels: EkoGrip polyethylene, high density, a minimum thickness of 18mm

Slide:

Option1: Stainless steel, consisting of a single piece

Option2: Polyethylene roto-molded

Bubbles:

Polyethylene roto-molded

Big Bubble: 945 x 690 x 250mm, opening ø420mm

Little Bubble: 640 x 390 x 210mm, opening ø240mm

Other parts

Bolts and fixings stainless steel A2 Grade ISO3506 , round head, anti-vandalism torx fitting.

HAGS ZINGO

above ground outdoors

The safety surface under and around the play equipment must always comply with the safety standards according to EN 1176. Please contact HAGS for more information.

HAGS UNIPLAY Technical specifications

Timber Roofs

Planed, tongued and grooved pine boards 21´120 mm. They come pre-treated to resist rot and finished with 1´ coat of penetrating primer and 2´ coat of film-forming woodstain finisher.

Plastic Roof

Made of Varioline: Body of HPL. Roof panel of sustaining PP.

Made of Ekogrip: Body of Ø38mm, powder coated steel pipe. Roof panel of 18mm, recycled PE, with rubber in the top layer.

Steel Roof

Open. Made of 98 mm powder coated steel pipe.

HPLRoof

Open. Roof spire in 15 mm HPL, with 3 mm steel fittings.

Wall Sections in HPL

are made from 15 mm HPL, milled to provide a smooth, gently rounded edge. 3 mm steel fittings.

Wall Sections in Wood

are made from 21´93 mm and 21´70 mm pine boards, pre-treated to resist rot and held together by hydraulically inserted steel plates, covered with decorative strips.

Wall Sections in steel

are made from 25 mm tubular steel and channel-beam (U-beam) metal.

Posts and Beams

A 110 mm diameter laminated timber construction for unbeatable stability and an excellent surface finish.

Staircase

Frame and sides of powder coated steel. Steps of recycled polyeten with a top layer of rubber.

Floor Sections

The 33x120 mm timbers in the framework are joined at the corners by hydraulically inserted steel plates for a safe, secure construction. The same technique is also used to hold the 28´120 mm boards in place, providing a flush, even walking surface totally free from nail-heads and screws.

Composite Floors

Composite steel floor deck profiles. Surface of 18 mm recycled rubber-coated polyethene.

Metal Floors

Walking surface of ribbed, edge-pressed aluminium decking on a frame of powder coated steel.

Guard Rails

Manufactured in robust 32 mm and 38 mm powder coated steel.

Wooden Steps

Steps and side-walls in 33´170 mm pine. Handrails of shaped tubular steel.

HPL Steps

Steps of 18 mm recycled rubber-coated polyethene. Sides of 18 mm HPL. Handrails of shaped tubular steel.

Anchoring Systems

Pre-cast, rounded concrete foundations or a hot-galvanised steel anchor are supplied as standard. The foundation depth is 40 cm or in certain instances 60 cm. For concrete foundations poured on site, please order the HAGS metal foundation post. A 90 cm post is also available for particularly demanding foundation work.

UNIPLAY is also available for above-ground installation using bolt anchoring.

HAGS Posts won't rot!

1. A patented footing design that keeps the timber well away from the ground.
2. Wood treated to protect against rot and finished with 2´ coats of penetrating, film-forming woodstain.
3. Posts with HAGS end caps to prevent moisture penetrating the endwood fibres.

All thanks to our constructive approach to environmental and quality work.

Inspection

Weekly.

Maintenance

Once a season.

Different materials and treatment

Steel: Hot-galvanised or powder-lacquered with polyester-type powder.

Chain: Hot-galvanised and stainless steel. Solid polyurethane is used when plastic coating the chain.

Hardware: Steel, hot-galvanised or electro-galvanised.

Screw joints: These incorporate specially designed HAGS covers to protect against vandalism.

Assembly of HAGS UniPlay steel

The assembly of HAGS steel units demands a little extra knowledge and certain special tools. Get in touch with your local HAGS dealer for more information.

HAGS UNIPLAY - Basic info

Surface requirements

Surface in accordance with EN 1176.

Assembly specifications

Roof, wall and flooring sections all fit snug up to the centre of the assembly posts. Wall sections have patented concave frame rails to fit the rounded posts.

Inspection

Weekly.

Maintenance

Once a season.

Module sizes

1.00 and 1.42 m. All modules are fully compatible with one another.

Wood protection treatment

All timber components are treated after machining in accordance with European standard EN 351, Class P5 and the directives of the Nordic Wood Preservation Council.

Different materials and treatment

Wood: Fine-ringed Swedish pine treated with a wood protector and then with 1´ coat of penetrating* primer and 1´ coat of film-forming woodstain finisher. For colour options, please see below.

Steel: Hot-galvanised or powder-lacquered with polyester-type powder.

Plywood: Protected on both sides with a phenolic film coating.

HPL: High Pressure Laminate.

Chain: Hot-galvanised and stainless steel. and inspected and approved to comply with current regulations on tensile strength.

Hardware: Steel, hot-galvanised or electro-galvanised.

Screw joints: These incorporate specially designed HAGS covers to protect against vandalism.

Recycled polythene: Made of old polythene packaging products that are ground down and then extruded and formed into boards. The 3 mm rubber coating gives a better grip and enhances comfort.

HAGS CONSTRUCTION KIT

Roofs

The choice of different construction materials, shapes and sizes offered by HAGS gives you greater flexibility and more scope to vary the appearance of your UNIPLAY designs. The roof is one of the constructional features that contribute most to the character of any building.

Walls and screens

UNIPLAY gives you plenty of options.

Different sizes, different designs, different materials. But remember, using the same materials for roofs and walls helps give a sense of harmony to play equipment set-ups.

Floors

The basis for the HAGS UNIPLAY system are the triangular and rectangular modules. All these modules can be integrated into one and the same piece of play equipment and by combining triangular floors (45°, 60° and 90°) with rectangular ones, there is practically no limit to what you can build.

Give free rein to your imagination and let us help you build your own unique HAGS UNIPLAY combinations - with rectangular and triangular modules, open spaces and cosy cubby-holes, symmetrical shapes and irregular ones, plus walls and screens for all module sizes. And remember, UNIPLAY has all the play features you could ever want.

Posts and beams

These sturdy posts and beams are at the heart of the HAGS UNIPLAY system.

Their versatility helps you to create the most varied and stimulating play environments you can imagine.

HAGS patented ground footings provide the best possible anchoring for UNIPLAY wooden posts.

HAGS UNIPLAY Above ground outdoors

Our specially designed fittings for HAGS UNIPLAY allow equipment to be installed on concrete surfaces without the need for sunken foundations or poured concrete.

These fittings are designed for use on concrete surfaces together with rubber matting.

Swing sets should be anchored in place using the expansion bolts supplied by HAGS. The UNIPLAY post footings must be dimensioned to correspond with the height and construction of the play equipment that is being installed.

The surface under and around the play equipment must always comply with current safety standards. Please contact your HAGS representative for more information.

HAGS NRG

TECHNICAL SPECIFICATION

Surface requirements

Surface in accordance with EN 1176.

Assembly specifications

Supplied in post and rope sections with rope to post aluminium & stainless steel ferule connectors and fittings.

Anchoring specifications

In-ground poured concreting is the only method of anchoring due to the design nature of the equipment.

Inspection

Visual Inspection is necessary weekly or daily in high usage or high vandalism risk areas.

Maintenance

Operational inspection is necessary every 1 - 3 months depending on usage frequency or high vandalism risk areas.

Posts

Ø114.0m, 3 to 5mm thick. Ø88.9m, 3mm thick.

Steel (EN 10210), and powder coated by metallization (polyester powder baked at least 120 microns thick).

Panels:

High density polyethylene panels with a minimum thickness of 19mm, with good resistance to UV.

Rope:

24mm steel core or 16mm fibre Core Wire rope polyethylene coated.

Climbing Walls:

Panels: EkoGrip polyethylene, high density, a minimum thickness of 19mm HPL

Other parts

Bolts and fixings stainless steel A2 Grade ISO3506, round head, anti-vandalism torx fitting.

HAGS NRG

The safety surface under and around the play equipment must always comply with the safety standards according to EN 1176. Please contact HAGS for more information.

HAGS AGITO

TECHNICAL SPECIFICATIONS

Design: T-design

Safer surfacing:

The surfacing must be in accordance with EN 1176.

Degree of assembly:

HAGS Agito play systems are assembled on site. The combination can be dismantled and reassembled.

Anchoring:

Ground anchoring for sinking into sand/gravel is standard.

The combination can also be anchored above ground, in which case it will be attached to a concrete slab. Only the bottom anchoring part needs to be replaced - the same pole can be used regardless of how the system is anchored. If you want to anchor the combination in loose fill material other than sand/gravel, contact your salesperson at HAGS for further consultation.

For all types of anchoring, the shock-absorbing safer surfacing must meet the requirements of EN 1176.

Patent-pending pole anchoring:

The joint for the ground anchoring part is simple to attach and fix in the vertical position. The design is patent-pending.

Inspection and maintenance:

A HAGS Agito combination should be inspected every week. Maintenance takes place once a season.

Materials:

The poles used in HAGS Agito are manufactured from highstrength steel tubing, Ø 127 mm. The tubing is pre-galvanised both externally and internally. They are powder-coated on the outside.

The mobile climbing ladders are clamped into rubber elements that ensure their flexibility. The design of the rubber elements contributes to limiting the maximum movement. The Glider and Rodeo play functions and Agito's pole tops are manufactured from rotation-cast polyethylene. Steep and Leaf are manufactured from the recycled material EkoGrip- a grey-black disc with a rubber wearing surface.

For the huge climbing wall Cliff Hanger, Sail and Jungle Road, we have used HPL - a maintenance-free high-pressure laminate that can cope with the demanding outdoor environment. The black balls in Trunk, Branch and Wiggler, as for Punch, are manufactured from a flexible microcell foam polyurethane. This material is also used in the seat for Rocks, Starter and in the board for Skater. The Punch punch bag has been reinforced with a steel frame in order to reduce the risk of damage. The climbing frames are manufactured from nylon-spun steel cable that provides maximum strength and resistance against injury.

The frame attachments are made from stainless steel and aluminium.

Hot-galvanised steel components in the ground foundations.

HAGS NEXUS

TECHNICAL SPECIFICATION

Surface requirements

Surface in accordance with EN 1177.

Assembly specifications

Supplied in post and adjoining rail or platform sections with concealed threaded inserts and torx-head Bolts and fixing system for fitting to hot dipped galvanized steel posts.

Anchoring specifications

In-ground poured concreting is the primary method of anchoring, and on DNA and Velocity units is the only method of installation due to the design nature of the equipment.

HAGS NEXUS - Core/Quantum/Rock Climb and Slide are also available for above-ground assembly using bolt anchoring. Please contact your HAGS distributor for more information.

Inspection

Visual Inspection is necessary weekly or daily in high usage or high vandalism risk areas.

Maintenance

Operational inspection is necessary every 1 - 3 months depending on usage frequency or high vandalism risk areas.

Posts

Ø88.9mm x 3.2mm (Velocity, Core, Quantum) Ø88.9mm x 5mm thick (DNA).

Steel (EN 10210), hot-dip galvanized

Panels

High density polyethylene panels, two colours, with a minimum thickness of 19mm, with good resistance to UV.

Panel Frames

Ø33.7 x 3mm

Steel (EN 10210) and P770 zinc rich epoxy powder and polyester colour powder to a minimum thickness of 120 microns.

Platforms

EkoGrip HDPE with a minimum thickness of 18mm

Rope

Reinforced rope (6 x 8 strands of galvanized steel) nylon coated, 18mm diameter minimum.

Chains

Spun galvanised to BS EN ISO1461.

Climbing Walls

Panels: EkoGrip polyethylene, high density, a minimum thickness of 19mm

Slide

Stainless steel, consisting of a single piece

Spinning Parts

Stainless Steel frames, sealed bearing mechanisms and EkoGrip HDPE with a minimum thickness of 18mm.

Other parts

Bolts and fixings stainless steel A2 Grade ISO3506 , round head, anti-vandalism torx fitting.

HAGS NEXUS

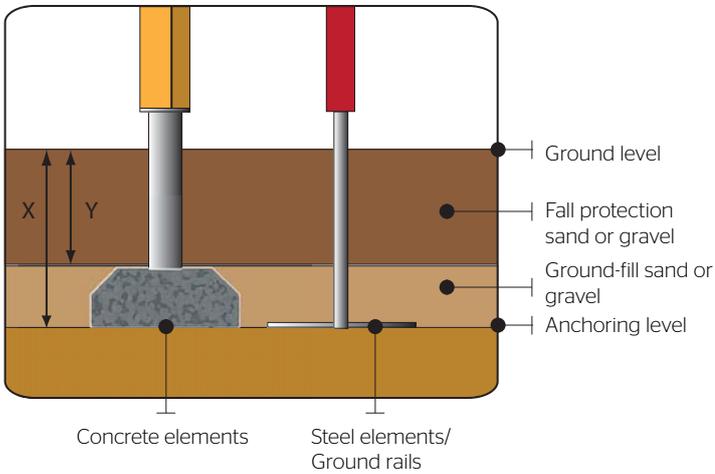
above ground outdoors

The surface under and around the play equipment must always comply with current safety standards. Please contact HAGS for more information.

GROUND ANCHORING HAGS UNIPLAY

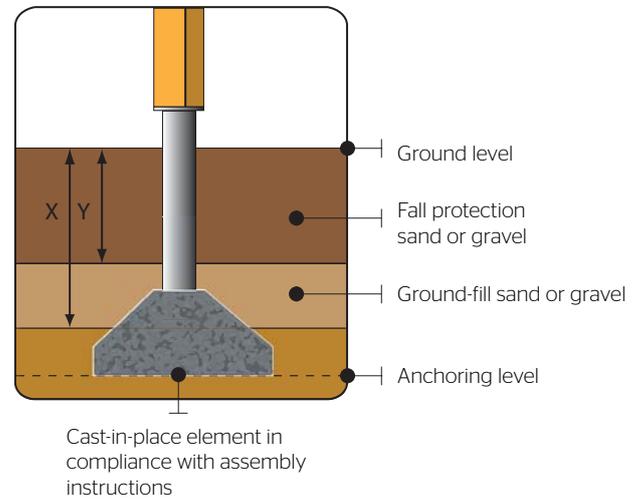
SUNKEN FOUNDATION

Anchoring in sand or gravel



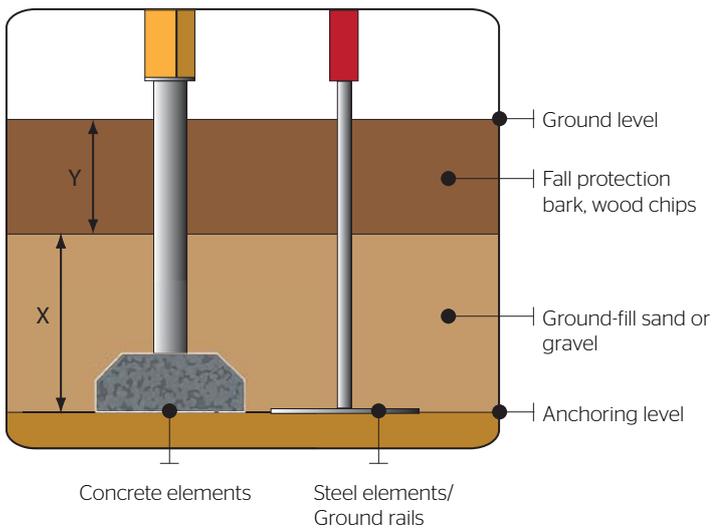
CAST-IN-PLACE

Anchoring in sand or gravel



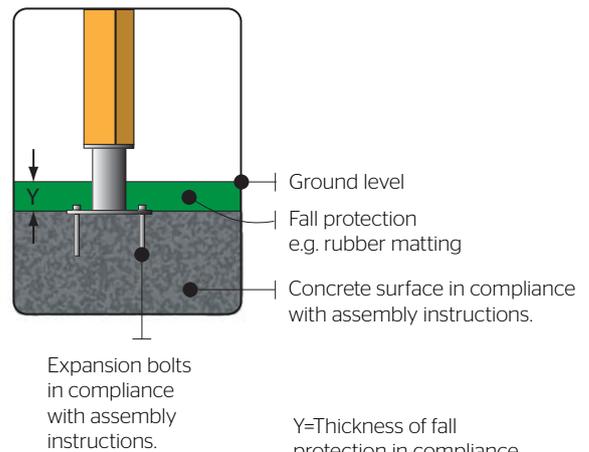
LOOSE FILL MATERIAL

Anchoring in bark, wood chips



ABOVE GROUND

Stands on concrete



Y=Thickness of fall protection in compliance with EN 1176

X= Total thickness of the sand that secures HAGS concrete foundation block in compliance with assembly instructions.
Y=Thickness of fall protection in compliance with EN 1176

HAGS ARENA

TECHNICAL SPECIFICATION

Surface requirements

Suitable playing surface in accordance with required sports.

Assembly specifications

Supplied in post and panel sections using concealed threaded inserts and torx Bolts for fitting painted steel panels to painted steel posts.

Anchoring specifications

In-ground poured concreting is the primary method of anchoring.

HAGS ARENA is also available for above-ground assembly using bolt anchoring. Please contact your HAGS distributor for more information.

Inspection

Visual Inspection is necessary weekly or daily in high usage or high vandalism risk areas.

Maintenance

Operational inspection is necessary every 1 - 3 months depending on usage frequency or high vandalism risk areas.

Posts

Ø88.9mm, 3.2mm thick. Steel (EN 10210) and P770 zinc rich epoxy powder and polyester colour powder to a minimum thickness of 120 microns.

Bar Panels

Frame: Ø 42.4mm x 3mm Bars: Ø 26.9mm x 2.6mm Bar Spacing: 78mm nominal

Mesh Panels:

Frame: Ø 42.4mm x 3mm & Ø 26.9mm x 2.6mm

Mesh: 50 x 50 x 6mm rod Mesh Spacing: 44mm nominal

Polyethylene Panels:

High density polyethylene panels, two colours, with a minimum thickness of 19mm, with good resistance to UV.

Panel Frames:

40 x 40mm & 30 x 30mm with a wall thickness of 3.0mm Steel (EN 10210) and P770 zinc rich epoxy powder and polyester colour powder to a minimum thickness of 120 microns.

Football Goals:

Post: Ø88.9mm steel tube Wall Thickness: 4.0mm. Panel Frame: Ø 42.4mm Panel Bars: Ø 26.9mm Bar Spacing: 85mm nominal. Rebound option available with 47mm nominal spacing Wall Thickness: 3mm.

Mini Goal:

Frame: 40 x 40 x 3mm Bars: Ø 26.9mm x 2.6mm Bar Spacing: 79mm nominal Steel (EN 10210) and P770 zinc rich epoxy powder and polyester colour powder to a minimum thickness of 120 microns.

Basketball Hoop: Steel Rod: Ø 20mm Steel Flat Bar: 40mm

Steel Support Plate: 150 x 150mm

Wall Thickness: 5.0mm Steel (EN 10210) and P770 zinc rich epoxy powder and polyester colour powder to a minimum thickness of 120 microns.

Basketball Backboard Frame:

Steel Section: 50 x 50mm Wall Thickness: 3.0mm

Basketball Backboard:

High density polyethylene panels, two colours, with a minimum thickness of 19mm, with good resistance to UV.

Net Chains:

Stainless Steel

Other parts

Bolts and fixings stainless steel A2 Grade ISO3506 , round head, anti-vandalism torx fitting.

HAGS ARENA

Please contact HAGS for more information.

HAGS SLIDES

TECHNICAL SPECIFICATIONS

Slides in Steel

HAGS steel slides come in a wide choice of lengths and two different widths, and are available with or without a UNIPLAY type start platform. The advantage of the start platform is that it makes access to the chute itself easier for children and guarantees the correct slope on the slide. Special slide steps are available for embankment slides.

Remember to position slides so that the chute does not face south (into the sun).

Many years of experience have helped us at HAGS to develop a number of special safety features on our steel slides:

1. Extended run-out section for longer, safer deceleration.
2. The chute has a gently rounded front edge to make it safer and simpler for children to get off the slide.
3. The height of the side walls along the chute decreases from 500-150 mm for better comfort and safety.
4. 25 mm side walls by the run-out section make getting off the slide even easier.
5. The wide chute beds enable children to travel side by side and vary their sliding style as much as they want.
6. The pattern-rolled chute bed increases safety by neutralising the different friction coefficients of the various textiles used in children's clothing today.
7. Our special manufacturing technique lets us produce the entire side wall from one piece of 2 mm steel plate, without joints to snag clothes or cut fingers. Smooth, rounded steel handrails along the full length of the chute.
8. Oil impregnated hardboard along the underside of the slide bed reduces noise.

Surface requirements

Surface in accordance with EN 1176.

Anchoring specification

Poured foundation.

Inspection/Maintenance

Every week/every season.

Materials

Side walls made in one piece using 2 mm sheet metal, hot galvanised, primed and powder lacquered, with 25 mm rolled edges to serve as handrails. 45 cm chute of 1 mm gauge pattern-rolled stainless steel. 1 m chute of 1.25 mm gauge pattern-rolled stainless steel.

Slides in HPL

The design of these handsome, practical slides is based on the very latest safety recommendations and technical advances. HPL is one of the toughest board materials available, a truly superior choice able to stand up to both impact and sustained heavy wear and tear. HPL slides from HAGS are available with or without a UNIPLAY type start platform. The advantage of the start platform is that it makes access to the chute itself easier for children and guarantees the correct slope on the slide. Special slide steps are available for

embankment slides. Remember to position slides so that the chute does not face south (into the sun).

HAGS slides in HPL have numerous advantages.

1. Non-rusting construction.
2. The special HAGS double-milling technique ensures that edges and handrails are velvet-smooth to the touch.
3. Run-out section for safe deceleration.
4. Gently rounded front edge makes it safer and simpler for children to get off the slide.
5. Start platform has safe, extra high sides with guard rails.
6. Low side walls by the run-out section make getting off the slide even easier.
7. Pattern-rolled chute bed increases safety by neutralising the different friction coefficients of the various textiles used in children's clothing today.
8. Oil impregnated hardboard along the underside of the slide bed reduces noise.
9. Supplied in pre-assembled sections.

Surface requirements

Surface in accordance with EN 1176.

Anchoring specification

Ground anchor.

Inspection/Maintenance

Every week/every season.

Materials

Chute of pattern-rolled stainless steel. Sides of 18 mm HPL.

Slides in plastic

HAGS slides in plastic have numerous advantages.

1. Non-rusting construction.
2. The special HAGS double-milling technique ensures that edges and handrails are velvet-smooth to the touch.
3. Run-out section for safe deceleration.
4. Gently rounded front edge makes it safer and simpler for children to get off the slide.
5. Start platform has safe, extra high sides with guard rails.
6. Low side walls by the run-out section make getting off the slide even easier.
7. Supplied in pre-assembled sections.

Surface requirements

Surface in accordance with EN 1176.

Anchoring specification

Ground anchor.

Inspection/Maintenance

Every week/every season.

TUBULAR SLIDES

An exciting alternative to conventional slides. The initial sense of apprehension merely adds to the ultimate appreciation of this thrilling experience. Tubular slides consist of 4 basic sections which can be combined to suit all situations. Sections with windows are available separately. Angle of incline: approximately 35°. Please remember to locate the slide so that the chute does not face south (into the sun).

Supplied in pre-assembled sections.

Surface requirements at run-out

Surface in accordance with EN 1176.

Anchoring specification

Concrete block.

Inspection/Maintenance

Every week/every season.

Materials

Tube of 1.5 mm stainless steel, 80 cm diameter. Poly carbonate windows.

HAGS SWINGS

TECHNICAL SPECIFICATIONS

HAGS swing frames can be linked to provide the exact number of swings you need, each suspended from a swing mount with ball-bearings for smooth running.

HAGS new swing sets have a steel crossbeam secured to diagonal struts, constructed so that the outermost legs of the frame lean in towards the crossbeam for maximum stability. Wooden legs and struts are prepared for fitting to the patented HAGS ground footings.

- Swing seats are ordered separately.
- We also recommend the installation of a safety barrier to cordon off the swing area.

Surface requirements

Surface in accordance with EN 1176.

Assembly specifications

Swing sets are supplied in kit form

Anchoring specifications

Pour concrete foundations for the swing set's galvanised tubular steel feet or use concrete blocks supplied with the delivery.

Inspection/Maintenance

Every week/every season.

Materials

Heavy-duty tubular steel crossbeam, electro-galvanised, primed and powder-lacquered or hot-galvanised. Legs in 110 mm laminated timber, turned, planed and protected against rot, or in 60 mm tubular steel, electro-galvanised, primed and powder-lacquered.

Safety cordons make swinging safer!

The fall and no encroachment zones shown comply with DIN 7926 and EN 1176. For added safety HAGS recommends installing a safety cordon around the swing sets. (Please see page 174.) **IMPORTANT:** Always leave a gap of at least 1.5 m between the sides of the swing frame and the safety cordon.

SWING SEATS

GENERAL SPECIFICATIONS & TECHNICAL INFORMATION

General Specifications

A light, well-padded seat with a special formula polyuretane foam for improved durability.

Assembly specifications

Supplied fully assembled.

Inspection/Maintenance

Every week/every season.

Size

Length 450mm, width 235mm, thickness 55mm.

Materials: Seat of microporous polyurethane foam on a core of weather-resistant birch plywood. Suspended on chains fitted with polyamide bushes.

General Specifications Kiddy seat

A seat specially designed for very young children with comfort and safety in mind. A 'wrap-around' shape supports the child and the polyuretan foam construction dramatically reduces the shock of any impact. The chain's high fixture point effectively eliminates the risk of tipping.

Assembly specifications

Supplied fully assembled.

Inspection/Maintenance

Every week/every season.

Measures

Length 310 mm, width 270 mm, cradle height 210 mm

Materials

Microporous polyuretan foam around a core of powder coated steel. Chain fixed with polyamide bushes.

Steel-reinforced swing link

HAGS swing links are now stronger than ever - thanks to the introduction of three stainless steel links in the chain closest to the seat.

The 6 mm stainless steel links are now supplied as standard on both 5 mm and 6 mm swing chains.

An adhesive label on the plastic coated chain (see picture on right) makes it easier than ever to assemble the chain safely and correctly.

HAGS ROCKING TOYS

TECHNICAL SPECIFICATIONS

Design: Jan Wickelgren

Assembly specifications

Pre-assembled sections.

Anchoring specifications

Sunken foundation or above ground. Foundation block included.

Surface requirements

Surface in accordance with EN 1176.

Inspection/Maintenance

Every week/every season.

Materials

Figure of 18 mm HPL and body/sides of 6 mm HPL. Front and rear of hot-galvanised, primed and powder-lacquered steel plate. Seat and footrest of EkoGrip. Stand made of galvanized steel profiles.

Alternative ground anchoring

OM.

HAGS SPRING TOYS

TECHNICAL SPECIFICATIONS

Assembly specifications

Pre-assembled sections.

Anchoring specifications

Sunken foundation or above ground. Foundation block included.

Surface requirements

Surface in accordance with EN 1176.

Inspection/Maintenance

Every week/every season.

Materials

25 mm tubular steel frame, spring housing of hot-galvanised metal and figures of 15 mm and 18 mm HPL. Spring steel coil. All the metal parts are powderlacquered. Seat made of Microporous polyuretan foam. Klump and Klump made of rotationally molded PE, aluminium 25mm pipes with end plugs of plastic.

Alternative ground anchoring

OM.