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USAGE AND
INSTALLATION
INSTRUCTIONS

SAM 3X3

1612070

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Safety

1. General Information

Although the utmost care has been taken with this manual, errors and omissions may not be completely excluded. Schelde Sports therefore accepts no liability whatsoever, not even for direct or indirect damage, caused by or in connection with the use and application of this installation manual. In every situation, safety regulations must be observed, both general rules and the instructions in this manual.

2. How to use this manual

This manual contains instructions for assembly. Please read this manual and instructions related to the assembly of this product carefully and ensure that the manual is always within easy reach. To avoid the risk of (serious) injury, read and apply all warnings, precautions and instructions in this manual.

The supervisor must inform users of the presence of this user manual and the obligation to read it before using this product.

3. Warning

- The backboard, the ring with the net and the paddings may only be mounted by qualified personnel.
- Always observe local and general building regulations and safety regulations.
- All parts may only be used for basketball purposes, the guarantee will be void if used for another purpose.
- Always work with a minimum of two people.
- Always mount the backboard together with the ring.
- Never remove the transport bracket before the backboard is mounted, removing the transport bracket without the backboard can cause serious accidents. The springs are under considerable tension

- Store the transport bracket and the associated fasteners.
- The backboard is made of tempered glass, be extremely careful!

4. Introduction

Rollable foldable basketball stand, type SAM 3x3, with patented DSF system. Hard glass backboard, 105 x 180 cm (10 years warranty) thickness 12 mm, mounted in steel frame. Includes super padding. With dunk ring + super net. This basketball stand is equipped with a special balance spring system for light and simple adjustment of the ring at various heights.

The stand is executed with the required counterweights and possibly with floor fixings at the rear of the base frame. Height in storage position 210 cm. Approved and recommended by FIBA.

The stand is delivered in parts; a padding set, backboard, ring and net, and braces, board padding, feet of the stamps (DSF or APF) and the mounted stand with a set of mounting material. The cover plate and cover for the springs and the weights have already been mounted. Any banner set and 24-second clock are available optionally.



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Checklist	SAM 3x3
Glass backboard	S
180° dunk ring	S
Front swivel wheel 2x2	S
Fixed wheel behind 2x2	S
Maintenance-free bearings	S
Storage position max. 210 cm	S
Facilities for forklift	S
Playing mode 305 cm	S
Playing position 260 cm	S
Automatic telescope	S
Deadlock with lock	S
Foot operated beam lock	S
Super padding set (front, side and beam)	S
Banner set (customized)	O
Auto APF Automatic Pedestal Feet	S
APF manually	O
24-second clock	O
Extra weights	S
LED strip on glass board	O

S = Standard

O = Optional

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Certification

EG-verklaring van overeenstemming

Volgens bijlage II 1 A Machinerichtlijn

JF Operations B.V.
Berkveld 1
5709 AE Helmond
Nederland

verklaart geheel onder eigen verantwoordelijkheid:

1. Wij zijn de producent van het volgende product waarop deze verklaring betrekking heeft:

Merk:	Schelde Sports
Type:	SAM 3x3
Functie:	Verrolbare basketbalstelling
Artikelnummer:	1612070
Serienummer:	Vanaf 2015-50-001

2. Het product is ontworpen en gebouwd in overeenstemming met de bepalingen van de machinerichtlijn 2006/42/EG.

3. De machine is ontworpen en gebouwd in overeenstemming met de (Europese) normen of normatieve documenten:

NEN-EN-ISO 12100: 2010	Veiligheid van machines - Basisbegrippen voor ontwerp - Risicobeoordeling en risicoreductie.
NEN-EN 1270: 2005	Sportveldtoestellen – basketbaltoestellen – eisen en beproevingsmethoden

Helmond, 14 maart 2016


W. Bouwman
Algemeen Directeur JF Group



CERTIFICATE OF APPROVAL

VALID UNTIL 31 DECEMBER 2020

FIBA (Fédération Internationale de Basketball) hereby declares, by means of this certificate, that the basketball equipment, indicated below, fulfils the standards specified in the latest edition of the Official 3x3 Basketball Rules, and therefore qualifies as

FIBA APPROVED 3x3 EQUIPMENT

EQUIPMENT CATEGORY: BACKSTOP UNITS

CONTRACT NO: 3M4-2020

COMPANY: SCHELDE SPORTS N.V.

Approval Type	Model Name	FIBA Licence No.
3x3 Portable	SAM 3X3	3BU4-01

Note: The above listed model(s) therefore qualifies for use in FIBA 3x3 Official competitions, in accordance with Book 6 of the FIBA Internal Regulations.


Andreas Zagklis
FIBA Secretary General



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Packaging, weight and sizes

Package 1

Rollable basketball stand SAM 3x3

Weight: ± 1200 kg
Dimensions: 351x112x137 cm

Package 2

Hard glass backboard

Weight: ± 100 kg
Dimensions: 186x106x7 cm

Package 3

Board padding

Weight: ± 5 kg
Dimensions: 98x45x11 cm

Package 4

Dunk ring + net

Weight: ± 13 kg
Dimensions: 65x50x20 cm

Package 5

Set side padding left / right

Weight: ± 35 kg
Dimensions: 196x95x20 cm

Package 6

Padding for top

Weight: ± 15 kg
Dimensions: 130x130x30 cm

Package 7

Padding for bottom

Weight: ± 36 kg
Dimensions: 130x95x28 cm

Package 8

Accessories mounting stand

Weight: ± 15 kg
Dimensions: 157x13x10 cm

Package 9

Upper lever padding

Weight: ± 5 kg
Dimensions: 103x22x30 cm

Package 10

Optional manual control lever APF

Weight: ± 5 kg
Dimensions: 150x20x15 cm

Package 11

Optional 24-second clock

Weight: ± 15 kg
Dimensions: 57x53x20 cm

Package 12

Optional banner set

Weight: ± 15 kg
Dimensions: 50x40x40 cm



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Assembly

Mounting rollable basketball stand:

Warning

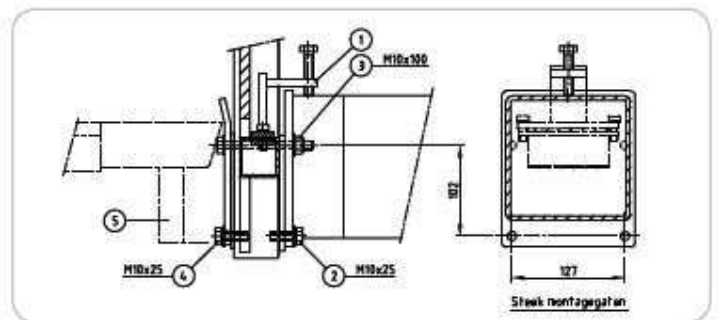
- The backboard, the ring with the net and the paddings may only be mounted by qualified personnel.
- Always observe local and general building regulations and safety regulations.
- Always work with a minimum of two people.
- Always mount the backboard together with the ring.
- Accessory mounting glass backboard.

- The backboard is made of tempered glass, be extremely careful.

Mounting basketball stand/basketball hoop:

Step 1

Mount the attachment 1 on the tube of the board



Step 2

Hang the board (with at least 2 people) on the mast of the stand. Mount the board with 2 bolts M10x25 2 and washers against the head plate of the mast.



Step 3

Insert the 2 bolts M10x100 3 through the board and the head plate of the mast, do not mount the self-locking nuts yet!

Step 4

Remove the protective cap 5 from the ring. Hang the ring over the bolts M10x100 and fit the lock nuts. Also mount the 2 bolts M10x25 4 in the bottom holes of the ring.

Do not remove transport bracket before the basketball backboard has been mounted!!!

Removing the transport bracket without having mounted the board can cause serious accidents. The springs are under considerable tension.

- Save the transport bracket and the associated fasteners.



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**Mounting braces vertical adjustment
basketball backboard:**

Step 1:

Mount the M12 adjusting yoke on plate in the two upper corners of the board with 2x M10x30 lock bolt with washer and spring washer. Place the plate in the middle of the slotted holes and tighten the nuts.



Note: do not tighten the adjusting yoke completely, as it must still be able to be turned when the strut is fitted.

Step 2:

Mount the struts (2x) by means of the supplied bolts M10x30, washers and self-locking nuts.



Levelling the board:

Step 3:

Horizontal: The board should be horizontal with respect to the base frame. Thus the level on the board must have the same position as on e.g. the bottom bar of the base frame. Placing the board vertically and perpendicular to the mast is done by turning in and out the two board struts. If the board is vertical and perpendicular, then tighten the lock nuts M12 of the struts.



Step 4:

Note: mount the board perpendicular to the tree. After setting horizontally, tighten all the bolts and nuts of the ring and plate against the head.



Step 5:

Mount the protective cap of the ring.



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Mounting backboard padding:

Step 1:

Fit the padding with the corresponding bolts, M6 nuts, spring washers and washers, the padding is equipped with 4 bolts / nuts on the bottom and 1 bolt / nut on both sides.

Remove transport bracket:

Step 1:

Remove the transport bracket, this can now be done safely. Save the transport bracket, it is needed for any future transport or if the board needs to be replaced.

Assemble side padding: 1x left and 1x right

Step 1:

On each side padding, mount the 4 plates with lip on the back with button heads M8x25, a washer and spring washer M8.

Step 2:

Using the aluminium strips and the 4x20 screws, mount the padding inserts into the designated openings of the side padding.

Step 3:

Place the padding against the side of the base frame and lower the lips into the appropriate slots in the base frame.

Mounting lower front padding

Step 1:

Hang the hinge parts in the base frame

Step 2:

Mount the lower front padding through the hole in the base frame using the button heads with washer and spring washer.

Fold out the front padding and mount the remaining 2 button heads.



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Mounting upper front padding

Step 1:

Replace the lower bolts M8x55 (where the lower wooden bar is attached) by bolts M8x60 and mount the plates with lips on the front padding.

Step 2:

With the remaining bolts M8x55 and supplied bolts M8x55 and body rings M8, mount the bottom padding insert on the 2 wooden bottom bars.

Step 3:

With the supplied M8x55 bolts and body rings M8, mount the upper padding insert on the upper 2 wooden bars, if no optional 24-second clock is included.

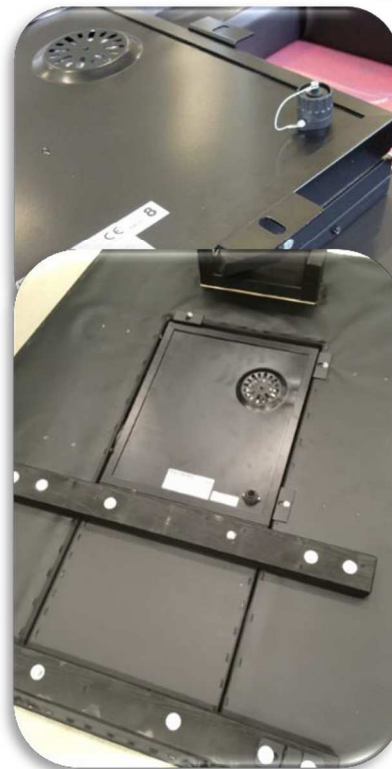
Step 4:

Lift the padding and lower the lips into the appropriate slots on the front yoke. Secure the top with Velcro.

Optional:

When using a 24-second clock, skip step 3 and remove the 2 top wooden bars. Use the brackets supplied with the 24-second clock to mount the clock in the opening of the front padding. Screw the bracket at the back onto the front padding.

For connection and operation of a 24-second shot clock, see the manual supplied with the clock.



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Mounting the upper tree padding

Step 1:

Attach the padding with the Velcro upwards.



Mounting padlocks on lock:

Step 1:

Mount 1 padlock on the lock on the rear side.



Step 2:

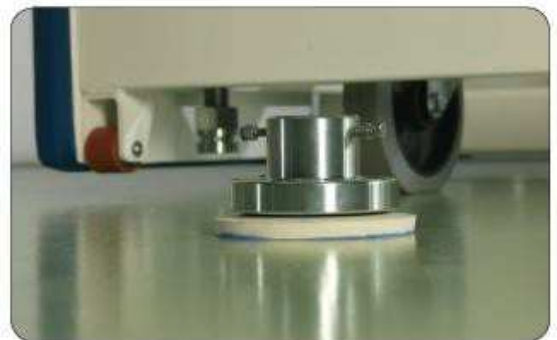
Mount 1 padlock on the locking pin of the telescope



Mounting / adjusting APF on the SAM 3x3

Step 1:

Place the 2 round stamps (APF) straight under the 2 vertical shafts, at the front of the base frame.



Bring the stand (under control) in playing position, so that the shafts with nut M30 and counter nut slide into the stamps.

Mount the stamps to the shafts, each with 2 M6x25 bolts and nut in the groove of the lock nut.



Do not tighten the bolts firmly but in such a way that the stamps hang flexibly on the shafts.

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Attaching the banner set

Step 1:

Attach the distance holders supplied with the bolts M6x20, spring washers and washers M6 on both sides of the front yoke and on both sides of the base frame.



Step 2:

Attach the supplied M8 eye bolts with M8 washers in the appropriate places. 4x on the distance holders, 2x on the back of the top tree, 1x middle top of the top tree, 2x on the front base frame and 2x on the board frame. Total 11 pieces.



Step 3:

First attach both top banners. Do this when the stand is still folded. Keep in mind the right and left execution of the top banner. Attach the end of the banner with the rubber elastic and the karabiner to the eye on the board.



Step 4:

Attach the middle of the banner with rubber elastic and the karabiner to the eye in the middle of the top tree.



Step 5:

Attach the other end of the top banner with the strap and karabiner to the eye and then pull the banner tight with the buckle.



Repeat these steps for the second top banner.

Next, fold the basket stand in playing mode.

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Step 6:

The side banners can be mounted in unfolded position. Consider the right and left version of the banner. Attach the karabiner which is directly attached to the banner at the front of the front yoke.

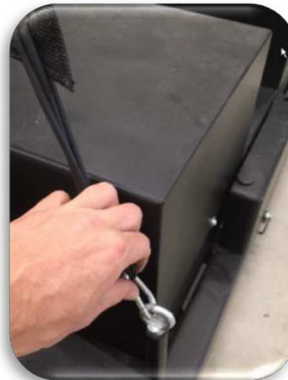


Step 7:

Attach the bottom of the banner with rubber elastic and karabiner to the eyes on the front of the base frame.

Step 8:

Then attach the back of the banner to the eye on the back of the base frame.



Step 9:

Finally attach the karabiner on the buckle at the back of the top tree. Then pull the banner tight using the buckle.

Then repeat these steps for the other side banner.



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If necessary, adjustment of the spring set

If the stand has been in use for some time, the spring tension can decrease to such an extent that the setting up of the stand is seriously hampered. The tension of the springs should then be increased. To adjust the tension, do the following steps:

Step 1:

Fold the stand in playing position.



Step 2:

Remove the two cover plates above the springs and the cover above the weights.



Step 3:

The springs are tensioned by a rod to which the springs are attached; unscrew the lock nuts 1 and turn the nuts 2 so that the rod moves at least 1 cm towards the fastening points 3.



Step 4:

Tighten the lock nuts 1 again. Hold nut 1 when tightening nut 2.



Step 5:

Check the stand by bringing it into storage position and back in playing mode again; if the setting up is too heavy, repeat steps 1 to 4 until the stand can be set up with little effort. Then attach the cover plates.



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Operation

Step 1:

Check that the floor is free of obstacles before rolling, in order to prevent damage to the wheels.

Step 2:

Move the stand (in storage position) to the desired position; the stand can be moved with the aid of the ring.

Note: Always push / pull in the direction (position) of the wheels when you roll the stand.

Step 3:

Place the stand in the right place. Fix the stand if possible (if presence of position holes in floor) by placing the positioning pins in the corresponding floor holes. During the folding out of the stand, the feet will automatically be stamped by means of the APF system. The system also ensures the correct ring height.

Step 4:

Because of the extra counterweight in the frame of the basketball stand, it is not necessary to anchor the stand to the floor. If this is desirable, then the stand can be anchored to the floor/ground at the back. Note: do not tighten the chain too tightly to avoid extra vibrations after dunking.

Step 5:

Remove the padlock on the lock on the back of the stand



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Step 6:

Lift the handle on the back of the stand from the blocking position and bring the stand in the playing position.



Step 7:

Click the detent bolt in the opening, insert the locking pin and attach the padlock for extra safety. Also tighten the star knob.



Step 8:

Apply the deadlock, tighten it so that the clearance is turned out of the basket stand. If necessary, apply the second padlock for extra safety.



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Optional: Operation of the manual APF

Step 1:

While the SAM stand is in storage position, check the position of the slide strip.

Extended = automatic mode,
Retracted = manual mode



Step 2:

If the slide strip is extended, retract the strip so that the APF no longer automatically comes down when the SAM stand is placed in the playing position.



Step 3:

Bring the SAM stand in playing mode and roll the stand to the playing position.



Step 4:

When the stand is in the correct position, take the control rods and place them in the pressure plates of the APF (1 for left and 1 for right).



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Step 5:

Simultaneously push, with two people, both the left and right control rod downward. In this way, the front wheels of the SAM stand are lifted off the floor and the front of the stand is placed on the APF.



Step 6:

Place the control rods under the storage brackets to keep the APF in the playing position.



Step 7:

Block the control rods in the bracket by means of the locking pin.



Step 8:

Secure the locking pins by means of the padlock. In this way, nobody can remove the SAM stand from the playing position without permission.



Maintenance

Check that all bolts and nuts are properly tightened. Check the wheels. Damaged wheels can cause severe damage to a sports floor. Check the general condition of the stand for incorrect alignment, cracked or broken welds, squeaks or other visible or audible deviations. Check the net for damage. Check the padding for damage, it is recommended to replace a damaged padding. Adjust the spring tension if it becomes more difficult after a while. Maintenance of the dunk ring: lubricate the moving parts periodically, depending on the intensity of use. If this does not happen, the spring mechanism will become harder over time, and it can be damaged in the long term. In the absence of maintenance any guarantee on the ring will lapse! Keep the device clean, free from dust and dirt. Keep the transport bracket and the mounting accessory for the board (see assembly instructions) in a safe place; when transporting the tower to another hall or when replacing the glass board, these parts are necessary! Repair superficial damage (scratches, etc.) quickly, to prevent corrosion. Use the supplied spray can.

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Technical specifications

