

Article number Overall system Front projection	Article number Overall system Rear projection	Weight in kg	Article number Front projection screen material	Article number Rear projection screen material

**Video - Format 4:3 (VARIO 32)**

210 x 160	200 x 150	6'11" x 5'3"	6'7" x 4'11"	BVS-AV210/R5	BVS-RV210/R5	13	BVF-AV210160A0	BVF-RV210160A0
240 x 180	230 x 170	7'10" x 5'11"	7'7" x 5'7"	BVS-AV240/R5	BVS-RV240/R5	15	BVF-AV240180A0	BVF-RV240180A0
280 x 210	270 x 200	8'2" x 6'11"	8'10" x 6'7"	BVS-AV280/R5	BVS-RV280/R5	16	BVF-AV280210A0	BVF-RV280210A0
320 x 245	310 x 235	10'5" x 8'	10'2" x 7'9"	BVS-AV320/R5	BVS-RV320/R5	17	BVF-AV320245B0	BVF-RV320245B0
360 x 270	350 x 260	11'10" x 8'10"	11'5" x 8'5"	BVS-AV360/R5	BVS-RV360/R5	19	BVF-AV360270A0	BVF-RV360270B0
400 x 300	390 x 290	13'1" x 9'10"	12'10" x 9'5"	BVS-AV400/R5	BVS-RV400/R5	20	BVF-AV400300A0	BVF-RV400300B0
450 x 335	440 x 325	14'9" x 11'	14'5" x 10'8"	BVS-AV450/R5	BVS-RV450/R5	24	BVF-AV450335A0	BVF-RV450335A0

**HDTV - Format 16:9 (TAR - True Aspect Ratio)**

280 x 160	270 x 150	9'2" x 5'3"	8'10" x 4'11"	BVS-AC280/R5	BVS-RC280/R5	15	BVF-AC280160A0	BVF-RC280160A0
310 x 180	300 x 170	10'2" x 5'11"	9'10" x 5'7"	BVS-AC310/R5	BVS-RC310/R5	16	BVF-AC310180A0	BVF-RC310180A0
365 x 210	355 x 200	12' x 6'11"	11'8" x 6'7"	BVS-AC365/R5	BVS-RC365/R5	18	BVF-AC365210A0	BVF-RC365210A0
420 x 240	410 x 230	13' 9" x 7'10"	13'5" x 7'7"	BVS-AC420/R5	BVS-RC420/R5	20	BVF-AC420240A0	BVF-RC420240B0
460 x 270	450 x 260	15'1" x 8'10"	14'9" x 8'6"	BVS-AC460/R5	BVS-RC460/R5	22	BVF-AC460270A0	BVF-RC460270B0

**Square Format 1:1 (Vario 32)**

210 x 210	200 x 200	6'11" x 6'11"	6'7" x 6'7"	BVS-AQ210/R5	BVS-RQ210/R5	14	BVF-AQ210210A0	BVF-RQ210210A0
250 x 250	240 x 240	8'2" x 8'2"	7'10" x 7'10"	BVS-AQ250/R5	BVS-RQ250/R5	17	BVF-AQ250250A0	BVF-RQ250250B0
300 x 300	290 x 290	9'10" x 9'10"	9'5" x 9'5"	BVS-AQ300/R5	BVS-RQ300/R5	18	BVF-AQ300300A0	BVF-RQ300300B0
350 x 350	340 x 340	11'5" x 11'5"	11'2" x 11'2"	BVS-AQ350/R5	BVS-RQ350/R5	21	BVF-AQ350350A0	BVF-RQ350350A0
400 x 400	390 x 390	13'1" x 13'1"	12'10" x 12'10"	BVS-AQ400/R5	BVS-RQ400/R5	22	BVF-AQ400400A0	BVF-RQ400400A0

**Slide Projection Format 3:2 (Vario 32)**

240 x 160	230 x 150	7'10" x 5'3"	7'7" x 4'11"	BVS-AD240/R5	BVS-RD240/R5	14	BVF-AD240160A0	BVF-RD240160A0
310 x 210	300 x 200	10'2" x 6'11"	9'10" x 6'7"	BVS-AD310/R5	BVS-RD310/R5	16	BVF-AD310210A0	BVF-RD310210A0
370 x 250	360 x 240	12'2" x 8'2"	11'10" x 7'10"	BVS-AD370/R5	BVS-RD370/R5	21	BVF-AD370250A0	BVF-RD370250B0
450 x 300	440 x 290	14'9" x 9'10"	14'5" x 9'5"	BVS-AD450/R5	BVS-RD450/R5	24	BVF-AD450300A0	BVF-RD450300B0

**Panorama Formats 3:1, 2:1 (VARIO 32)**

* 500 x 250	490 x 240	16'5" x 8'2"	16'1" x 7'10"	BVS-AZ500/R5	BVS-RZ500/R5	25	BVF-AZ500250A0	BVF-RZ500250B0
** 600 x 300	590 x 290	19'8" x 9'10"	19'4" x 9'5"	BVS-AZ600/R5	BVS-RZ600/R5	32	BVF-AZ600300A0	BVF-RZ600300B0
** 610 x 210	600 x 200	20' x 6'11"	19'8" x 6'7"	BVS-AP610/R5	BVS-RP610/R5	26	BVF-AP610210A0	BVF-RP610210A0
* 750 x 250	740 x 240	24'7" x 8'2"	24'3" x 7'10"	BVS-AP750/R5	BVS-RP750/R5	36	BVF-AP750250A0	BVF-RP750250B0
** 900 x 300	890 x 290	29'5" x 9'10"	29'2" x 9'5"	BVS-AP900/R5	BVS-RP900/R5	43	BVF-AP900300A0	BVF-RP900300B0

\* From a width of 500 cm and up VARIO 32 is supplied with a centre support.

\*\* From a width of 600 cm and up VARIO 32 is supplied with a centre support and a middle leg.

Article number Overall system Front projection	Article number Overall system Rear projection	Weight in kg	Article number Front projection screen material	Article number Rear projection screen material

**Video - Format 4:3 (VARIO 64)**

400 x 300	380 x 280	13'1" x 9'10"	12'10" x 9'5"	BVV-AV400/R10	BVV-RV400/R10	40	BVF-AV400300A1	BVF-RV400300B1
500 x 380	480 x 360	16'5" x 12'5"	16'1" x 12'2"	BVV-AV500/R10	BVV-RV500/R10	43	BVF-AV500380A1	BVF-RV500380A1
600 x 450	580 x 430	19'8" x 14'9"	19'4" x 14'5"	BVV-AV600/R10	BVV-RV600/R10	56	BVF-AV600450A1	BVF-RV600450A1
* 700 x 520	680 x 500	23' x 17'1"	22'8" x 16'9"	BVV-AV700/R10	BVV-RV700/R10	65	BVF-AV700520A1	BVF-RV700520A1
* 800 x 600	780 x 580	26'3" x 19'8"	25'11" x 19'4"	BVV-AV800/R10	BVV-RV800/R10	91	BVF-AV800600A1	BVF-RV800600A1

**HDTV - Format 16 : 9 (TAR - True Aspect Ratio)**

365 x 210	345 x 190	12' x 6'11"	11'8" x 6'7"	BVV-AC365/R10	BVV-RC365/R10	27	BVF-AC365210A1	BVF-RC365210A1
420 x 240	400 x 220	13' 9" x 7'10"	13'5" x 7'7"	BVV-AC420/R10	BVV-RC420/R10	30	BVF-AC420240A1	BVF-RC420240B1
460 x 270	440 x 250	15'1" x 8'10"	14'9" x 8'6"	BVV-AC460/R10	BVV-RC460/R10	35	BVF-AC460270A1	BVF-RC460270B1
540 x 310	520 x 290	17' 9" x 10'2"	17'5" x 9'10"	BVV-AC540/R10	BVV-RC540/R10	39	BVF-AC540310A1	BVF-RC540310B1
650 x 370	630 x 350	21'4" x 8'10"	21' x 8'6"	BVV-AC650/R10	BVV-RC650/R10	50	BVF-AC650370A1	BVF-RC650370A1

**Square Format 1:1 (Vario 64)**

400 x 400	380 x 380	13'1" x 13'1"	12'10" x 12'10"	BVV-AQ400/R10	BVV-RQ400/R10	45	BVF-AQ400400A1	BVF-RQ400400A1
500 x 500	480 x 480	16'5" x 16'5"	16'1" x 16'1"	BVV-AQ500/R10	BVV-RQ500/R10	54	BVF-AQ500500A1	BVF-RQ500500A1
600 x 600	580 x 580	19'8" x 19'8"	19'4" x 19'4"	BVV-AQ600/R10	BVV-RQ600/R10	70	BVF-AQ600600A1	BVF-RQ600600A1

**Slide Projection Format 3:2 (Vario 64)**

500 x 340	480 x 320	16'5" x 11'2"	16'1" x 10'10"	BVV-AD500/R10	BVV-RD500/R10	39	BVF-AD500340A1	BVF-RD500340A1
600 x 400	580 x 380	19'8" x 13'1"	19'4" x 12'10"	BVV-AD600/R10	BVV-RD600/R10	51	BVF-AD600400A1	BVF-RD600400A1

**Panorama Formats 3:1, 2:1 (VARIO 64)**

* 800 x 400	780 x 380	26'3" x 13'1"	25'11" x 12'10"	BVV-AZ800/R10	BVV-RZ800/R10	63	BVF-AZ800400A1	BVF-RZ800400A1
* 1200 x 400	1180 x 380	39'4" x 13'1"	39'1" x 12'10"	BVV-AP1200/R10	BVV-RP1200/R10	83	BVF-AP1200400A1	BVF-RP1200400A1

\* From a width of 700 cm and up VARIO 64 is supplied with a centre support and a middle leg.

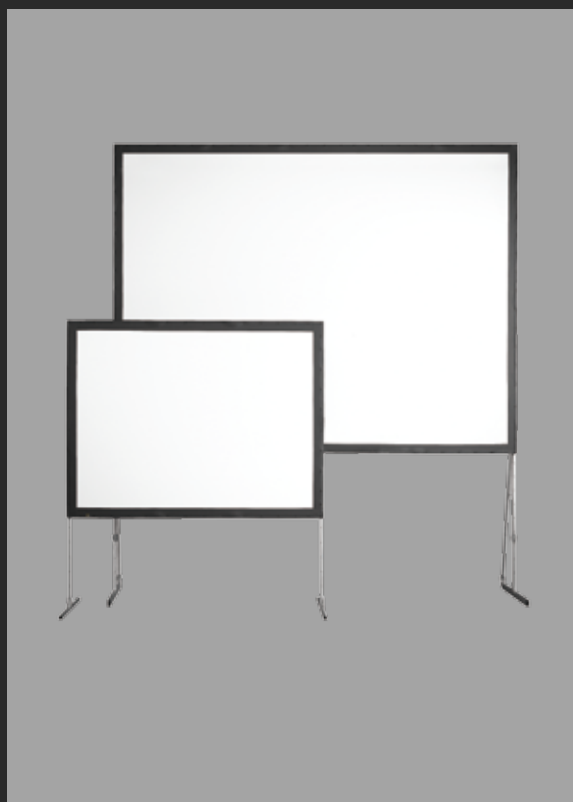
**Special sizes on demand!**



**Scope of delivery vario 32 :**

- Multi-piece aluminum frame
- Screen material incl. 5 cm wide black reinforced border and snap fasteners
- 1 pair of T-legs
- Thumb screws in yellow bag
- Bag for projection screen in black
- Softbag with wheels
- Manual

**Short description:**



**Scope of delivery vario 64 :**

- Multi-piece aluminum frame
- Screen material incl. 10 cm wide black reinforced border and snap fasteners
- 1 pair of AT32/64-legs
- fixing clamps
- Thumb screws in yellow bag
- Bag for projection screen in black
- Softbag with wheels
- Manual

**Vario 32:**

Multi-piece aluminum frame, plug-in system (32 x 32-mm profile), incl. 1 pair of T-legs and thumb screws for connecting frame and leg, softbag with wheels. Elastic screen material incl. 5 cm reinforced black border and snap fasteners incl. bag, attachment of screen material to frame by means of snap fasteners. Front projection screen material Flex White CI - 100% light-tight, cleanable, flame resistant. Gain factor: 1.02, viewing angle: +/- 50° Rear projection screen material - Flex Rear CI or Flex Rear MO - cleanable, flame resistant. Gain factor: 1.18 or 2.25, viewing angle: +/- 45° Size of projection area (image dimensions): \_\_\_\_\_ x \_\_\_\_\_ cm, W x H Frame size (outer dimensions): \_\_\_\_\_ x \_\_\_\_\_ cm, W x H Manufacturer: AV Stumpfl Type: Vario 32

**Vario 64:**

Multi-piece aluminum frame, plug-in system (64 x 32-mm profile), incl. 1 pair of AT32/64-legs, fixing clamps and wing screws for connecting frame and legs, softbag(s) with wheels. Elastic screen material incl. 10 cm wide black reinforced border and snap fasteners incl. bag; attachment of screen material to frame by means of snap fasteners. Front projection screen material Flex White CI - 100% light-tight, cleanable, flame resistant. Gain factor: 1.02, viewing angle: +/- 50° Rear projection screen material (10 cm wide reinforced black border) - Flex Rear CI or Flex Rear MO - cleanable, flame resistant. Gain factor: 1.18 or 2.25, viewing angle: +/- 45° Size of projection area (image dimensions): \_\_\_\_\_ x \_\_\_\_\_ cm, W x H Frame size (outer dimensions): \_\_\_\_\_ x \_\_\_\_\_ cm, W x H Manufacturer: AV Stumpfl Type: Vario 64



vario  
one frame -  
various sizes

rental  
stage  
show  
theater  
mobile presentation  
hotel  
seminar room  
made to measure

**www.AVstumpfl.com/VARIO**

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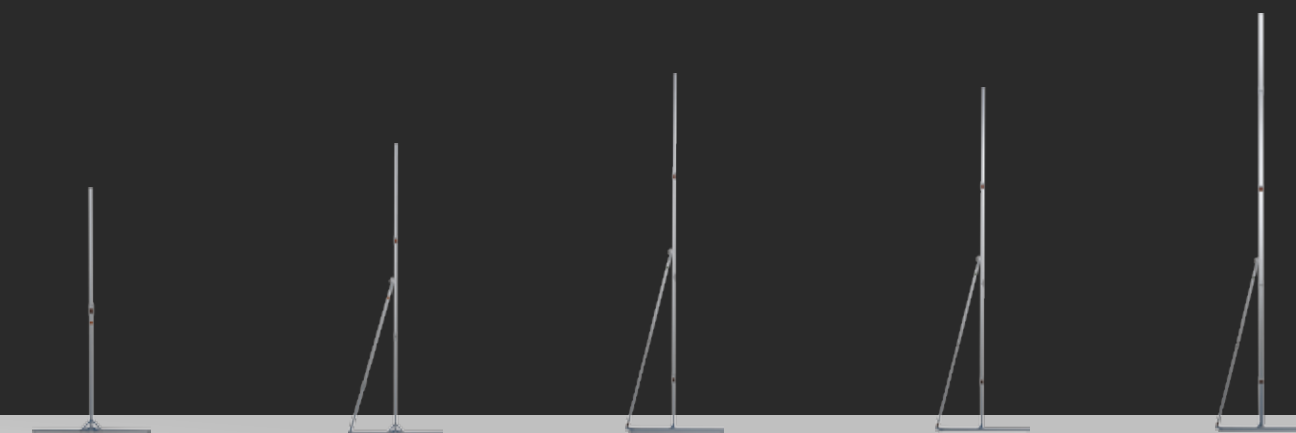
Edition 2011-12. We reserve the right to make modifications in the interest of technical progress.

made in austria/europe  
 5 years' warranty  
 simple to set up  
 one basic frame - various sizes  
 no tools required  
 low transport volume  
 long-term stability  
 brilliant image quality

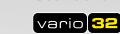


## Optional versions

Depending on application and requirements there are 5 different folding legs available:



**T32-Leg:**  
 Overall height: 220 cm,  
 min. mounting height: 6 cm,  
 max. mounting height: 82 cm  
 Standard supply



**AT32-Leg:**  
 Overall height: 320 cm,  
 min. mounting height: 6 cm,  
 max. mounting height: 113 cm

**AT32/64-Leg:**  
 Overall height: 430 cm,  
 min. mounting height: 9 cm,  
 max. mounting height: 146 cm,  
 Standard supply



**AT48-Leg:**  
 Overall height: 415 cm,  
 min. mounting height: 9 cm,  
 max. mounting height: 161 cm

**AT64-Leg:**  
 Overall height: 550 cm,  
 min. mounting height: 9 cm,  
 max. mounting height: 176 cm

## Vario - one frame, various sizes, made to measure.

Variety in use and flexibility distinguish the modular building block frame system VARIO – one basic frame can be used for a variety of different screen sizes. You only need the corresponding screen material and the necessary extension parts. Additional central supports allow image widths of more than 25 m. Stability, weight and transport volume have been optimized and are in perfect harmony. To ensure optimum packing for each size we have developed two types of profiles made of hardened aluminum alloy - VARIO 32 and VARIO 64.

## Aluminium profiles

Made of special extruded and hardened aluminum alloy.



Standard profile 32 x 32 mm (1 1/4" x 1 1/4"). This profile is used for standard formats up to 450 x 335 cm.



Standard profile 64 x 32 mm (2 1/2" x 1 1/4"). Statically optimized, this truss style profile is used as a standard profile for standard formats up to 800 x 600 cm.



Easy assembly - no tools required.



Statically optimized frame connectors for VARIO 32 and VARIO 64



Shear joints on the inside guarantee highest frame stability.



One frame – various sizes  
 Extension set for additional screen format

## The modular plug-in frame system



The packed frame convinces through its low transport volume.



Lay out the marked frame elements and connect them.



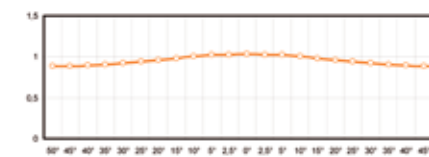
The elastic screen material is placed on the frame and attached to the frame via snap fasteners. The supplied legs are then fixed to the rear of the frame by means of wing screws.

## Standard screen material

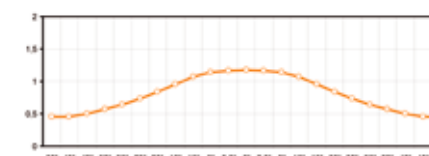
The screen materials that are standard supply have proven their worth all over the world in professional applications by showing long-term stability, strength and brilliant image quality.



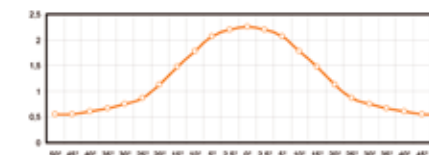
**Front projection screen material FLEX WHITE CI**  
 100% light-tight  
 Seamless for lengths of up to 210 cm  
 Weight: ~ 295 g/m<sup>2</sup>  
 Thickness: ~ 0.22 mm  
 Gain factor: 1.02



**Rear projection screen material FLEX REAR CI**  
 Virtually no „hot spot“ formation  
 Seamless for lengths up to 210 cm  
 (Optional Seamless Optics™ for lengths exceeding 210 cm)  
 Weight: ~ 370 g/m<sup>2</sup>  
 Thickness: ~ 0.28 mm  
 Gain factor: 1.18



**Rear projection screen material FLEX REAR MO**  
 Seamless for lengths up to 305 cm  
 Weight: ~ 380 g/m<sup>2</sup>  
 Thickness: ~ 0.28 mm  
 Gain factor: 2.25



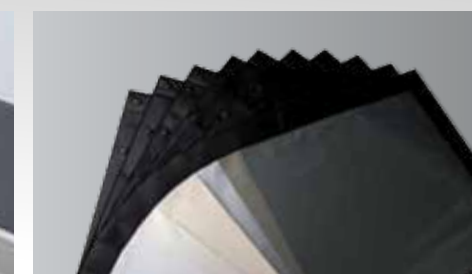
### InviSnap™

This new and patented way of mounting the screen material offers a level projection screen without visible snap fastener heads.



### Screen materials

Wide choice of projection materials and border variants.



### Snap fasteners, edge reinforcement, border widths

There is a variety of snap fasteners, reinforced border in black and white and border widths of 5 cm, 7.5 cm and 10 cm available.



### Transport cases with buckle belt

The stockable and sturdy flight cases with integrated rollers are available in two sizes. The woven strap with a buckle belt, well known from the aircraft industry, ensures maximum safety and stability.



### Seamless Optics™

Welded seams are standard for larger screen surfaces and do not cause any problems for projection (Ill. 1). A special welding procedure allows production of homogeneous display areas with a seamless look (Ill. 2).



### Frame design

Frame and legs are also available anodized in black. This „look“ is particularly suitable for hotels, concert halls, stages and exhibitions.



### Easy Fly™ for VARIO 32 and VARIO 64

The adapter with eyelet can be attached quickly and easily at any point. Only applicable with VarioLock or screw connection. For use as Flying Screen.



### VARIO Lock

For super-fast locking of the connector in system VARIO 64.



### Screw connection

For securing the plug-in connection in system VARIO 32 and VARIO 64.