



PROJECTION SCREENS

Mobile - Stationary - Made to measure

SCREENS



01/2008 - ENGLISH

REALIZE YOUR VISION



Projection Screens

Introduction - AV Stumpfl Systems

MOTTO

Anyone who wants to show large images and effectively communicate their virtual messages, will be delighted about our high-quality projection screens.

MOBILE PROJECTION SCREENS

Our mobile projection screens guarantee superb picture quality and independence from local facilities. Sharpness and brilliance all over the screen are your steady companions through your slide, video and data projections. This program focuses on individuality – just like you.

Based on different requirements we basically offer two main systems:

monoblox 

The single-piece system MONOBLOX has been tried and tested by rental companies in professional applications all over the world, in particular where ease and speed in setting up and disassembling are important.

vario 

The modular building-block frame system VARIO is a guarantee for high flexibility. A useful combination between plug-in and folding elements allows you to use one basic frame for a variety of different screen formats.

STATIONARY PROJECTION SCREENS

On a stationary projection screen the images are expected to be large, brilliant and effective. When it is no longer needed, it should become invisible. This is why we have developed our roll-up systems.

inline 

With system INLINE the lower screen edge disappears into the case until it is level with it. It combines high functionality and attractive appearance.

magnum 

System MAGNUM stands for projection screens designed for large conference halls. They are made of an aluminum/steel construction and their specially designed bearings and safety catch meet high demands on operating safety.

decoframe 

System DECOFRAME offers high-quality frame projection screens for home movie environments and permanent installations in exhibitions and museums.

Projections Screens

Novelties and Special Solutions

NOVELTIES

Screen Material

- » INVISNAP™ - Applied for a patent, this new way of mounting the screen surface offers a level projection screen without visible snap fastener heads. Sturdy workmanship make this system fit for the extremely high demands of rental & staging business. (Image right)
- » SEAMLESS OPTIC™ - A special welding procedure achieves a homogenous display area for rear projection material without any irritating seams.
- » Micro-perforated projection material for installations permeable to sound - a perfect solution for home cinema.
- » Additional standard sizes for MONOBLOX 32 and MONOBLOX 64 are available.

MONOBLOX and VARIO

- » On demand, frame and legs are available anodized in black.
- » Improved snap-joints through optimized profile contours and surface hardening.

Inline Motor Inline Self-RollUp

- » Our INLINE 90 series is equipped with an extremely silent tube motor as a standard component.
- » The new mechanical system allows continuous positioning and decelerated reverse motion.

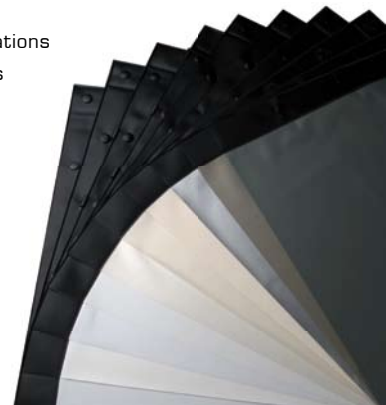
Magnum

- » From a size of 800 x 500 cm and up, large projection screens are manufactured to fit into protective casing MAGNUM 360, thus ensuring flatness of the screen.
- » The MAGNUM 360 system uses safety motor "Elektromat" with integrated safety catch mechanism and double limit switches.

SPECIAL SOLUTIONS AND CUSTOM MADE

Individualism as opposed to conventions – We stick to the principle of producing custom-made screens to order as required for the individual projection applications. We use only those high-quality components and screen materials we also offer in our various system programs.

- » CURVED SCREENS - bent projection screens for multidisplay applications
- » Screen material with eyelets for mobile applications and events
- » Wide choice of projection materials and border variants





monoblox **32**®

MONOBLOX

Snap Joints
Easy Setup

Combine our tried and tested frame system with the stable, smoothly moving and automatically engaging snap joints and the result is a single-piece frame. This system is excellent for applications which require the frame to be set up as easily and quickly as possible. Individual parts cannot get lost or be mixed up. This system is ideal for rental companies.

SPECIAL FEATURES

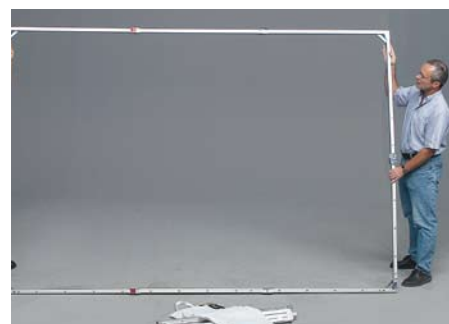
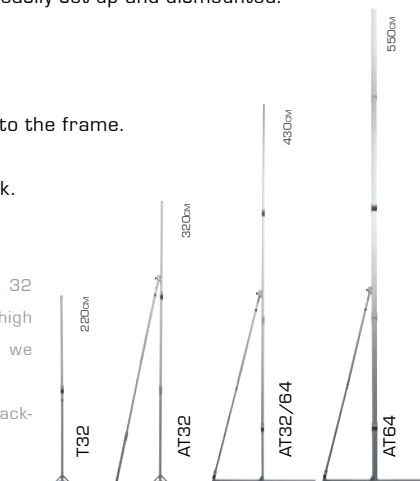
MONOBLOX 32

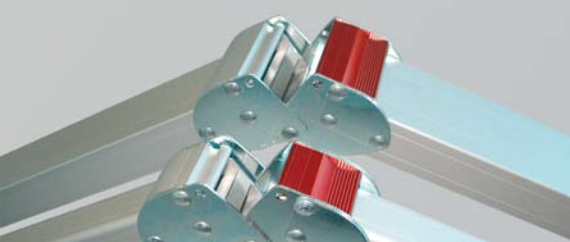
- » Compact pack size through its single-piece frame
- » 32 x 32 mm profile diameter, formats from 203 x 157 cm to 508 x 386 cm
- » Automatically engaging snap joints allow the frame to be easily set up and dismantled.
- » Top-quality screen material for front or rear projection
- » No tools needed
- » Shear joints at the inside provide stability.
- » The screen material can quickly and reliably be attached to the frame.
- » True Aspect Ratio (4:3, 16:9, etc.)
- » On demand, frame and legs are available anodized in black.
- » 5 years' warranty

Various types of supporting legs and transport cases - MONOBLOX 32

is supplied with T32 legs as standard components. To meet the high demands on the stability of very high frames or mounting heights we recommend AT32, AT32/64 or AT64 supporting legs.

As an alternative to our transport bags we also offer sturdy and stackable transport cases with rollers.





MONOBLOX

MONOBLOX 32 - Monoblox 64



monoblox **64**®

SPECIAL FEATURES

Singletube

The professional frame system for large-scale projection. This single-tube frame system offers optimal operating convenience combined with small pack size and truss stability. Additional stabilizing elements at the joints and reinforced corner joints provide even higher stability to this sturdy system. System MONOBLOX 64 can be combined with the same range of high-quality screen material for front and rear projection that is used for all the other systems.

MONOBLOX 64

- » Clever folding technique for compact pack size
- » 64 x 32 mm cross section, formats from 325 x 249 cm to 752 x 569 cm
- » Stabilizers provide for optimum power transmission in the joints. ³
- » True Aspect Ratio (4:3, 16:9, etc.)
- » Additional corner locks lend extra stability to large-scale projection screens. ²
- » Flatly folding vertical joints improve stability. ⁴
- » On demand, frame and legs are available anodized in black.
- » 5 years' warranty

One for two purposes - System Monoblox 64 frames can be converted into the standard formats 4:3 and 16:9 only by exchanging the vertical elements.

Legs - Monoblox64 is supplied with AT 32/64 supporting legs as standard components.

"Flying Screen" - For suspension purpose mobile projection screens are provided with eye bolts. ¹





vario 32 tm

VARIO

One Basic Frame
Adaptable

A useful combination between plug-in and folding elements allows you to use one basic frame for a variety of different screen formats. You only need the corresponding screen material and the necessary supplementary components. You can extend your existing frame and need not buy a completely new projection screen.

SPECIAL FEATURES

VARIO 32

- » Projection screen with a compact pack size ¹
- » 32 x 32 mm cross section, formats from 78 x 78 cm to 900 x 300 cm
- » One single base frame can be used for any projection screen size.
- » Fold up and join the marked aluminum frame elements ²
- » The foldable legs are ready to be mounted, with just one flick of the wrist.
- » Fast and reliable attachment of the screen material without any greases. ³
- » No tools needed
- » On demand, frame and legs are available anodized in black.
- » 5 years' warranty

Various types of supporting legs and transport cases - VARIO 32 is supplied with T32 supporting legs as standard components. To meet the high demands on the stability of very high frames or mounting heights we recommend AT32, AT32/64 or AT64 supporting legs. As an alternative to our transport bags we also offer sturdy and stackable transport cases with rollers.

"Flying Screen" - For suspension purposes, VARIO 32 and VARIO 64 are provided with eye bolts. The plug-in connections are additionally secured with screws. ⁴



VARIO 64



Large mobile projection screens are highly demanding as regards their stability. Our system VARIO 64 offers the required high level of stability at an excellent price/performance ratio.

This sturdy frame system enables you to set up stable and self-supporting frames of up to 7 m. For larger span widths additional central supports add stability thus allowing image widths of more than 25 m.

VARIO 64

- » Projection screen with a compact pack size ¹
- » 64 x 32 mm cross section diameter, formats from 210 x 210 cm
- » Fold up and join the marked aluminum frame elements ²
- » The foldable legs are ready to be mounted, with just one flick of the wrist
- » Fast and reliable attachment of the screen material without any greases. ³
- » No tools needed
- » On demand, frame and legs are available in anodized in black.
- » 5 years' warranty

COMPATIBILITY OF VARIO64 WITH VARIO32

The reinforced frame system VARIO 64 for large-scale projections is fully compatible with VARIO 32. The distances between the snap fasteners are identical for both profiles, i.e. you can use the screen material both for VARIO 32 and for the reinforced frame of VARIO 64.



The modular design of systems VARIO 32 and VARIO 64 allows the supporting legs only to be screwed to the frame at the lower corner elements. For optimal use of the stabilizing effect of supporting legs AT32, AT32/64 and AT64, we recommend using special connectors.

System VARIO 64 is supplied with special connectors as standard components.



Various types of supporting legs and transport cases -

VARIO 64 is supplied with AT 32/64 supporting legs as standard components. To meet the high demands on the stability of very high frames or mounting heights we recommend AT64 supporting legs.

As an alternative to our transport bags we also offer sturdy and stackable transport cases with rollers.





drape kit 

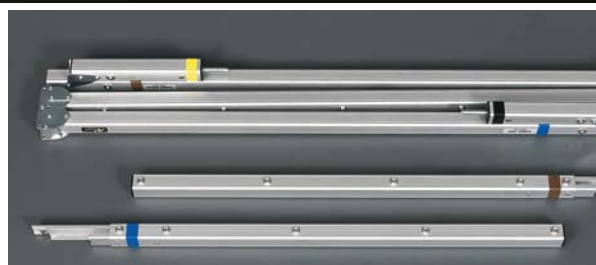
DRAPE KIT

Stage Adequate

The frame that turns your projection screen into a stage.

In many countries using the DRAPE KIT in addition to the mobile projection screen is virtually taken for granted. The DRAPE KIT frame elements alternatively use snap or Velcro fasteners for attaching the decoration material.

Add the DRAPE RUNOFF System and your venue is given a theatre-like appearance.



DRAPE RUNOFF

drape runoff  cm

This universal and transportable DRAPE RUNOFF System can be used as independent partition, to mark out control areas or to allow flexible room design.

A few elements arranged and adjusted with the telescopic system will do to accomplish a variety of decorative purposes – no tools required. The decoration material is attached by Velcro fasteners.



DECOFRAME

Stylish Frame Projection Screen



DECOFRAME

Custom-Made

Just like an exquisite picture frame, our DECOFRAME System gives an elegant and professional appearance to your home movie, conference room or any other permanent installation. Easily mounted and custom-made in the size of your choice.

SPECIAL FEATURES

DECOFRAME

- » Individual image format
- » Profile width 80 mm, profile depth 50 mm
- » Accurate border around the area of the projected image ¹
- » The screen material is provided with plastic hooks and is hooked on to the frame. ²
- » The frame is anodized in black and forms a perfect basis for level and creaseless attachment of the screen material. ³
- » Screen formats exceeding 5 m x 3.5 m are provided with bracing
- » Optional: Micro-perforated projection material FLEX WHITE CI micro which is permeable to sound
- » The DECOFRAME is delivered as a folded frame. The screen material is rolled up for delivery, thus ensuring an absolutely flat projection surface.



INLINE

90 · 125 · 160



Individualism as opposed to conventions

Based on the desire for freedom in designing projection installations, we stick to the principle of producing custom-made screens to order. We only use high-quality components and screen surfaces which come up to a variety of different demands. It's our standard to meet special demands.

INLINE

On a good projection screen the pictures should be large, brilliant and effective. When it is no longer needed, it should become invisible. This is a demand that is difficult to meet. With system INLINE the lower screen edge disappears into the case until it is level with it.

It combines high functionality and attractive appearance. (Image above)

SPECIAL FEATURES

SYSTEM INLINE

- » Protective casing made of extruded aluminum profiles, powder coated with RAL 9010
- » 3 sizes of casings are available (90x85 mm, 125x120 mm, 160x160 mm) ⁹



- » 3 types of drives: Electric drive ¹, hand crank drive, automatic roll-up mechanism
- » All casing sizes are also available with for suspended ceiling mounting ³
- » Extensive accessory allows customized installation solutions ²⁻⁸
- » Wide range of switches for controlling motorized projection screens ¹⁰
- » Black masking border can be customized (image top right)
- » Projection screen and mounting elements are available in special RAL coatings
- » Sizes up to 500 x 400 cm are possible.



INLINE

90 · 125 · 160



NOVELTIES

INLINE MOTOR

New: Extremely Silent Motor

Casings in all sizes are provided with fast, TÜV and VDE verified tube motors thus allowing you to make the most of the space available. The drive features a very accurate final stop position and insulated bearings.

The electromagnetically released disk brake makes the screen motor stop softly and exactly without any backlash. Full braking power when stopping or during a power outage.

Series INLINE 90 is equipped with a newly developed tube motor¹ as a standard component. This new motor is characterized by its extremely silent operation and smoothness of running and meets the demands to a roll-up screen both for a perfect home movie environment and of upmarket seminar and conference rooms.

INLINE SELF-ROLLUP

New: Decelerated Reverse Motion Continuous Positioning

The automatic roll-up mechanism features decelerated reverse motion and allows continuous positioning and adjustment of the screen height. This spring mechanism markedly improves operation convenience and safety.

ACCESSORIES

- » Projection screen for ceiling mounting ³
- » Wall/Ceiling unit, allowing horizontal or vertical mounting ^{5,8}
- » Wall unit, horizontally movable mounting brackets ⁶
- » Ceiling unit, horizontally movable mounting brackets ⁷
- » Standard supply incl. mounting brackets for wall and ceiling mounting ⁴
- » Mounting set for suspended ceilings ²



MAGNUM

210 - 300 - 360



MAGNUM

Projection screens for large event locations are made of an aluminum/steel construction. The shaft consists of precision steel tubes and is supported by special bearings with a safety catch. The glass-fiber reinforced screen material has heat-sealed seams that are invisible during projection.

SYSTEM MAGNUM

- » Protective casing made of extruded aluminum profiles with white coating
- » 3 sizes of casings are available (210x210mm, 300x300mm, 360x360mm)



- » Concentricity through accurately manufactured steel tube
- » Manufactured according to DIN 19045
- » Safety motor Elektromat is certified according to BGV C1
- » Projection screen is available in special RAL coatings
- » Includes safety catch mechanism
- » Sizes up to 900 x 700 cm are possible.
- » 2 years' warranty

Electric Drive - Quick change coupling is available for the powerful Elektromat and tube motors we use. It allows motor replacement without dismounting the screen.

SUCCESS STORIES

Fields of Application



EVENTWORLD AUSTRIA

Meeting for eventmarketing and communications experience. Rear projection screen with 1200 x 400 cm and performed with multimedia presentation software Wings Platinum von AV Stumpfl.



AV STUMPFL GOES HOLLYWOOD WORLD STUNT AWARD, L.A.

The Taurus Award will be presented each year in Los Angeles to the best stunt people for their outstanding performances in cinema films. VARIO projection screen



RAIFFEISEN NEW YEARS RECEPTION

Mobile projection screens: one VARIO 64 and two VARIO 32

MEDIA FESTIVAL 2007 IN VILLINGEN-SCHWENNINGEN

Mobile projection screen VARIO 64, 1800 x 500 cm with 90 m² image



GRENZGANG - TIEF IN AFRIKA

"Deep in Africa" - Photojournalist Hartmut Fiebig held an emotional presentation of his Journey through East Africa; Big screen MONOBLOX 64

LEINBERGER EXHIBITION

Landshut, current presentation of Hans Leinberger; mobile projection screen MONOBLOX 64





AV Stumpfl

Corporate Philosophy - Presentation Technology

WHAT MAKES AV STUMPFL PRODUCTS SO FASCINATION?

Reinhold Stumpfl, CEO

Stumpfl AV, which used to focus on electronics for slide projection in the beginning, was founded nearly 30 years ago. Soon we realized, that only a large picture is capable of really impressing people by its message. This gave rise to great enthusiasm which resulted in the production of our projection screens, manufactured by means of high-quality tools and machinery partly developed by ourselves.

The fact that we meet with high international acceptance is a great honour to us, and a challenge to continue along this path.

Offering customized solutions to meet our customers' individual needs is the challenge we are determined to face. We want you to be enthused about the quality of our products!

WINGS PLATINUM



Media platform
Intuitive

Wings Platinum is a tool for show creation and control that offers a multitude of options and provides for maximum freedom - the basis for creative and impressive shows.

Use Wings Platinum to structure your projects and keep an overview. This award-winning software offers extensive media integration. Anything that can be presented or controlled in some way, can easily be arranged, edited, controlled and presented with Wings Platinum. Operation will seem to you unbeatably simple and intuitive.

In Wings Platinum, the audio visual components and the control elements are managed on a timeline. The status of peripheral devices can be recognized at any point of time and the devices be synced up accurately with the frame.

Infinite Resolution

Wings Platinum supports all major image and video formats and unlimited resolution.

Multidisplay

In Multidisplay mode several display units are arranged freely and aligned via seamless softedge technology. This impressive and creative freedom is further supplemented

Seamless Softedge

by Warping which allows projections on a multitude of differently shaped projection surfaces

Warping

wings platinum **3**®

AV Stumpfl Highlights

**SC TouchControl - SC Media Engine
SC Video Player**

PRO

SC TOUCHCONTROL

Software

LCD Touch Panels

Wireless

IP network

Open interfaces



sc touchcontrol **designer**™

With its SC TouchControl, AV Stumpfl offers a software-based overall media control concept which is suitable both for installations and for mobile applications. This software runs on virtually all Windows-based user terminals.

The SC TouchControl Mobile product range currently comprises three selected user terminals, which are provided with high-quality LCD touch panels. These panels do not only feature integrated wireless technology but they can also manage without a central control computer. The command centre is accommodated in every mobile user terminal directly and communicates bi-directionally via IP networks with the peripheral devices. It also offers open interfaces for linking up numerous other standards and technologies. At a low cabling and programming expenditure, it allows control of the following electronic systems: Lighting, shading systems, air conditioning, DVD players, VCRs, TV sets, projectors, CD players, amplifiers, loudspeakers, computers, screens, switchers, household devices and, of course, Wings Platinum.



sc touchcontrol **wallmount**™



sc touchcontrol **mobile**™

SC VIDEO PLAYER

sc videoplayer **single**™

sc videoplayer **dual**™

The SC video player is an excellent video player for multi-media installations or kiosk systems using PAL or NTSC standard. SC Video Player DUAL features two video units for synchronized playback, a feature which can also be achieved by combining several SC Video Players.

The MPEG1 and MPEG2-compressed videos are then stored on wear-free Compact Flash memory cards.

SC MEDIA ENGINE

Core 2-Duo

3D Graphics



HD-Video Player
Digital Signage Player

SC Media Engine can be used as Wings Platinum 3 server and HD video server. The SC Media Engine is supplied in a low-depth rack mount chassis with a height of one unit. Extensive tests have shown that the combination between a powerful Intel® Core™2-Duo processor and a high-quality ATI-3D graphics card have proved to be efficient and reliable in presenting complex and exciting shows.

Optionally, the SC Media Engine can also be supplied with Wings Platinum 3, thus forming a ready-to-use multidisplay system.

TouchControl Lite DS software is installed on all SC Media Engine products. This player allows video, image and text information to be designed and played at up to HD quality. The SC Media Engine is therefore a perfect solution for digital signage, HD video playback or information desks.

! Detail information is available in the corresponding product catalogue which is available by post upon request or can be downloaded at www.AVstumpfl.com.

Creative productions require outstanding tools.
Put your visions professionally into practice.

Unique products for unique ideas - based on the know-how collected in more than 30 years.



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We grant two years warranty. We reserve the right to make modifications in the interest of technical progress