

FOBA Turntables. Closer to full automation.

TURNA / TURNU – The professional turntable system from FOBA

Unique and innovative – everything revolves around the object in the photostudios

The challenge – moving pictures

Moving pictures have become fashionable not least because they attract more attention on the Internet for promotional presentations or “product shows”.

Photographers who used to be known for good promotional photographs and product shots, now face a new challenge, that of moving pictures with which they can now approach and impress former customers and win new customers.

However, only the best is good enough to keep up with this trend. The essential point here is **to spend as little time as possible on the shooting, to have an as automated as possible reprocessing procedure and perfect quality** that surpasses what you see every day on websites.

The solution - from FOBA

In order to meet these specifications, there is now a computer-controlled turntable, which is equally suitable for movement shots and 3D visualisation **of small objects and for the effective surround presentation of a coffee machine or a chic dress on a person.**

The turntable system TURNA

Photographers have developed the FOBA TURNA turntable system from practical use for photographers

The product originates from the desire **to put a product on the Internet as Flash or HTML animation within shortest time possible.** This goal has been reached. With the FOBA turntable system TURNA, it takes less than two minutes to produce such a shooting - from when it is taken to the finished Flash / HTML file.

Compatible

The FOBA turntable system **can be connected in principle to any professional camera**, such as Canon, Hasselblad, Nikon or the Horseman and Rollei shutters. Naturally the turntable can also be used for video recordings.



Any professional with this equipment can offer their customers a completely new, effective and profitable service.

FOBA, the leading Swiss producer of photostudio equipment.

Two strong components: The turntable | The software

The function and reliability of technical systems depend greatly on their compatibility.

FOBA's turntable system doesn't leave anything to chance. Turntable (TURNA / TURNU) and software (T-Ctrl / T-Make) are easy to connect and are perfectly coordinated.

For a secure workflow.

Universal mounting thanks to its modular structure

True to the FOBA philosophy, FOBA's turntable is also a modular structure, which can be adapted to your exact needs with a number of interesting accessories.

This guarantees you maximum functionality.

- High efficiency by intuitive handling.
- Highest quality of fabrication, materials and compatibility.
- Optimized workflow for perfect results in no time.

Two alternatives

-> **TURNA-turntable the floor unit.**

For photographing free standing objects, e.g. from machines and devices, sports products, shoes up to people.

In addition it has a wide range of accessories, such as different fittings, plates of various sizes, transparent acrylic glass plate (TURTE) for perfect, shadeless lighting or the TурсА extension, to ensure a comfortable working height of just over one meter (about 40"), to get the best lighting possible.

-> **TURNU turntable the ceiling version.**

It is firmly screwed on to the ceiling and is ideal for photographing suspended objects, e.g. clocks, decoration, bicycles, articles of clothing, etc.

Apart from the two mounting options, the two rotation devices TURNA and TURNU are completely identical with regards to how they operate, their handling and their computer control system.

There are hardly any technical restrictions for the FOBA turntable system...



TURNA
TURAA (star shaped fitting)
+ wood plate



TURNU
TURSU (short shaft)
TURAV (support fitting for large objects)



TURNA
TURSA (long shaft)
TURTE (acrylic glass plate)
TURAN-B (fitting for ring flash)

More functionality.

TURNA – the perfect tool for creating 3D visualisations.

TURNA turntable provides high-precision, reproducible motorized rotation of the object, and is complemented by a user-friendly, intuitive control software and a highly innovative, fully automatic imaging software, which can produce uploadable 3D animations in as little as 120* seconds.

The key to flexibility is modularity, and TURNA has much of it on offer. With its extensive range of creative fittings for setting up, holding or hanging objects TURNA has a solution for every type of object. All fittings are set up and dismantled quickly and easily, in the well-known FOBA manner.

FOBA TURNA has been developed by photographers for photographers. Its brilliant functionality is enhanced by an outstanding design.



The height allows a comfortable way of working.

TURNA
TURSA
TURTA

FOBA TURNA
More than just a turntable.

FOBA turntable TURNA defines the interaction between precision, flexibility and automation anew.

Go online in just
3 easy steps:

- 1** SET LIGHTS
- 2** SHOOT
- 3** PUBLISH

Uploadable 3D animation
in just 120* seconds.

- * Time required for fully automatic recording of an object (e.g. shoe) after completion of light and all other settings. Value corresponds to 16 shots with viewer size 500 x 500 pixel.



TURNU

TURNA



Features

- High-precision geared motor. Encoder and high gear reduction provide extreme angular accuracy.
- Smooth, continuous rotation without jolts in both directions.
- 3 wheels for easy displacement, each wheel adjustable individually in height and with individual brake.
- Also for ceiling installation: TURNU without wheels, without plate.
- Synchronisation for Horseman Shutter, Rollei Shutter, Hasselblad, Canon, Nikon.

Technical data

Height:	30 cm (11.8")
Weight	41 kg / 90 lbs
Input voltage:	110 V or 230 V
Rotating speed:	0 to max. 1,5 rpm
Diameter:	60 cm (23.6")
Centred max. load with	TURNU: 75 kg / 165 lbs
	TURAA: 200 kg / 441 lbs

FOBA TURNA
More efficient.

Operating and capturing With the T-CTRL software

A paragon of flexibility and intuitiveness which gives your workflow enhanced productivity.

T-Ctrl offers an elaborate, fully controllable workflow through the precise operating of the turntable on the screen.

FOBA T-Ctrl control software is an intelligent tool which allows you to define, control and edit your workflow. Specific correction of individual frames optimizes workflow productivity.

The user-friendly interface is the fruit of a professional's years of experience in this domain. It is arranged logically and clearly, with well-structured standard functions and thus requires hardly any study time.

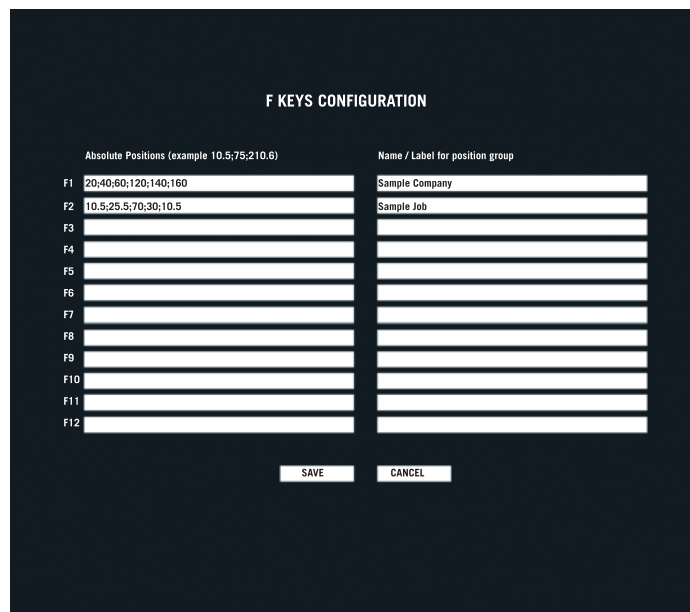
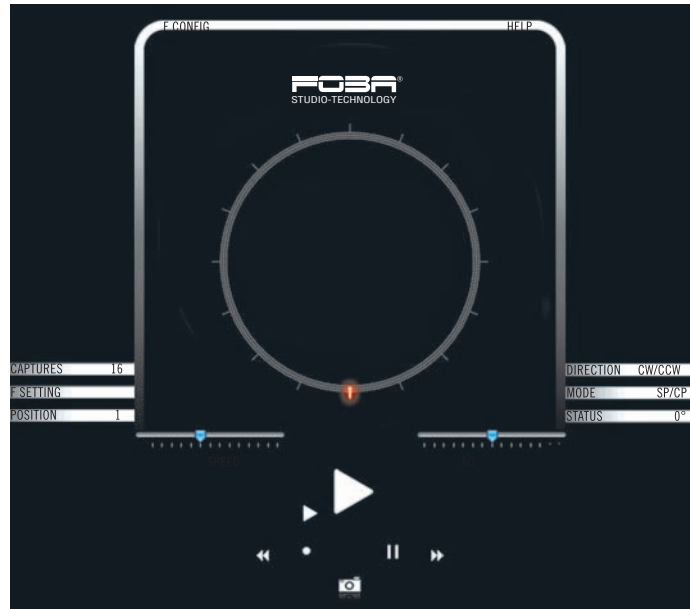
The following operations can be executed through comfortable menu navigation.

Features

- Graphic status display with mouse navigation.
- Fully automatic recording with graphic process display.
- Correction/reshooting of individual frames with setting of reference point.
- Setting of starting point with mouse.
- Adjustable number of captures, rotating direction, speed, brake and acceleration ramps.
- Shooting rate (Captures) adjustable between 2-360.
- Thanks to F-settings, any number of positions can be chosen freely, labelled with a job/client description and stored associated to a control key.

System requirements:

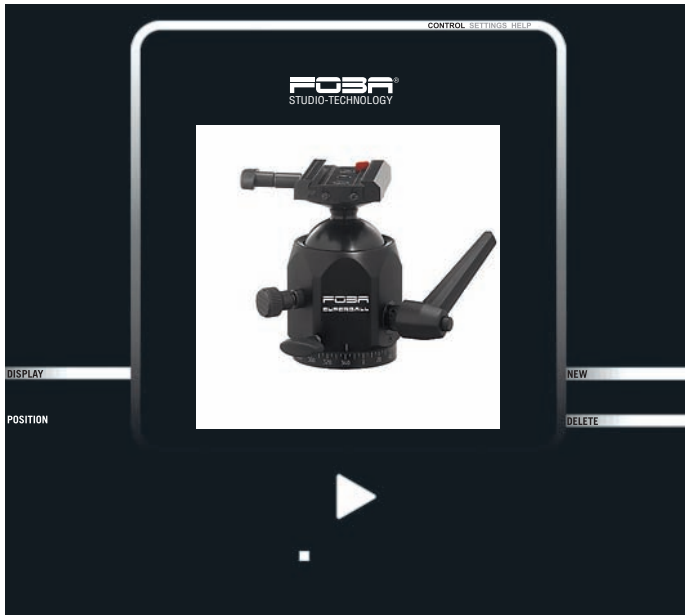
- Mac OS 10.6 or above
- WINDOWS XP / WINDOWS7
- 512 MB RAM (recommended: 1 GB)
- 2 GB hard disk space



User guides, FAQ, templates and more always up to date on www.fobasoft.com

FOBA TURNA
More powerful.

Edit and visualise With the T-MAKE software



Quick, easy, cost-efficient: FOBA's authoring software T-Make creates animations in Flash / HTML format with one mouse click.

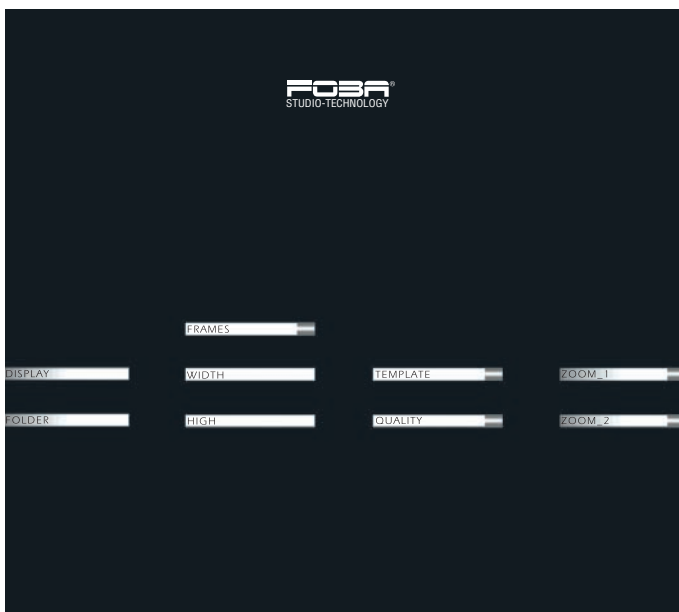
TURNA's impressive functionality is further enhanced by FOBA's T-Make. No scripting experience is required to create within the shortest time 3D automated Flash or HTML files, working in all current browsers.

Thanks to templates, the design and function of the animation can be chosen. The standard product comprises two Flash templates.

(more templates available under www.fobasoft.com)

Customize such parameters as number of frames, viewer size or zoom factor to suit your requirements. No scripting skills are necessary. The system processes .tif and .jpg formats.

FOBA T-Make frees you from the constraints of time-consuming and exhausting digital processing so that you can concentrate on bringing your creative drive to life in your photographic work.



Features

- Templates.
- Selection of number of frames.
- Selection of size and zoom factor.
- Selection of jpg output quality.
- Creates 3D Flash or HTML files ordered within an intelligent folder system for immediate uploading.
- Processes 2-360 pictures.

System requirements:

- Mac OS 10.6 or above
- WINDOWS XP / WINDOWS7
- 2 GB RAM (recommended: 4 GB)
- 2 GB hard disk space

FOBA TURNA
More professional.

Good design is not only a question of aesthetics, but requires accomplished functionality. In the field of 3D visualisation, where the diversity of the objects hardly has any limit, FOBA's traditional flexibility clearly stands out.

The range of accessories is continually extended by customized, client-specific solutions. TURNA's extensive range of modular add-ons reflects a professional's requirements not only concerning the object pictured, but also regarding ease of use, efficiency and cost-effectiveness.

FOBA's engineers develop the TURNA / TURNU accessory range in close collaboration with experienced professionals, in a process that is continuous and permanent. Manufacturing is consistent to the company's traditional finishing precision – made in Switzerland, of course.

FOBA engineers look forward to your request.

- TURTE** Translucent acryl supporting plate, 0.70 cm (27.6"). Mounted directly on the turntable or on one of the shafts. Centred maximum load: 20 kg (44 lbs).
- TURTA** Black aluminium plate, 0.60 cm (23.6"). Mounted directly on the turntable or on one of the shafts.
- TURTU** Black aluminium plate, 0.30 cm (11.8"). Mounted directly on the turntable or on one of the shafts.
- TURSA** Shaft, length 68 cm (26.8"), tapped M8 on top.
- TURSU** Shaft, length 46 cm (18.1"), tapped M8 on top.
- TURAS** Support for shoe, adjustable on 3 axis, swivels to 90°. Allows the simultaneous view of the top and sole of the shoe in one revolution.



FOBA TURNA
More fun.

Additionally for TURNA – floor unit



TURAL Support for 2 lamps, mounted directly on the shaft (TURSA / TURSUS), adjustable height, suitable for transmitted light through acrylic glass plate (TURTE).

TURAN-B Fitting, adjustable height, for TURSA or TURSUS shafts for ring flash of Broncolor, suitable together with acrylic glass plate TURTE.

TURAN-E Fitting, adjustable height, for TURSA or TURSUS shafts for ring flash of Elinchrom, suitable together with acrylic glass plate TURTE (E1 or E2: specify type).

TURAN-P Fitting, adjustable height, for TURSA or TURSUS shafts for ring flash of Profoto, suitable together with acrylic glass plate TURTE.

TURAA Star shaped fitting made from aluminium, with integrated supporting wheels, Ø 120 cm (47.2").

Designed for larger objects and people. Diameter of the bearing layer of the supporting wheels 56 cm (22.0").

Additionally for TURNU – ceiling unit

TURAT Traction fitting for extending small objects, hanging, with clamps, e.g. for watches with extended wristband.

TURAE Fitting for stud earrings. Acrylic glass shaft with Ø 0.1 mm through hole.

TURAV Support fitting for large objects, e.g. bicycle or similar object, max. load 15 kg (33.1 lbs). Adjustable range up to 140 cm (55.1").

TURAC Support fitting for small and light objects, e.g. necklaces. Adjustable range up to 25 cm (9.8").



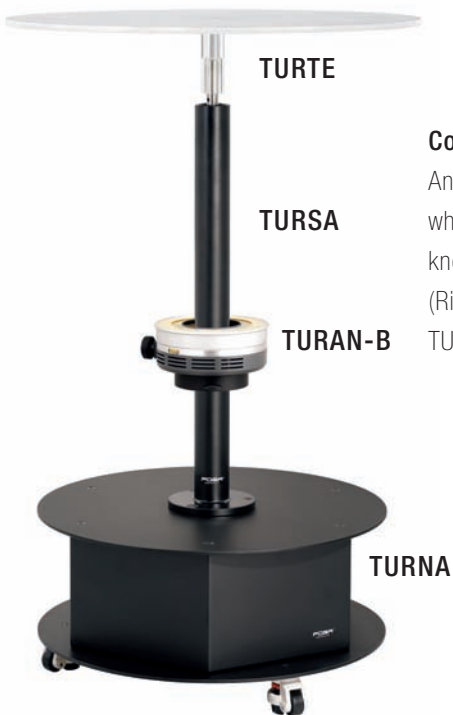
Further products manufactured on request.



Combination 1:
To take a picture of torsos or busts on a convenient height.



Combination 2
Set up for shoe; view of top and sole can be shown expressively in one revolution.



Combination 3:
An artful way to shoot on white background with no knockout following. (Ring flash not included in TURNA product line.)



Combination 4:
Enlargening of the rotating area for bigger objects (washing machines, chest of drawers, chairs, etc.)

FOBA TURNA
More modularity.

Concept and system

- 01) For all current professional camera systems.
- 02) With elevated platform for placing the product (optional), a better lighting and more comfortable way of working are possible.
- 03) The frosted acrylic plate allows backlighting from below with a ring flash (or 2 standard flash heads); allows shooting on white background and therefore an optimised workflow without post-editing.
- 04) Modular system for various upright and hanging product types (e.g. watches, shoes, bikes, textiles etc.), from small and light ones (e.g. earrings) to big and heavy ones (e.g. furniture).
- 05) Rotation can be executed in 2 different modes: the customized stop mode or the continuous mode.
- 06) Customized stop mode: High positioning precision thanks to the very precise and high quality step motor: shooting can be repeated absolutely accurately in the same position.
- 07) First-class materials worked the traditional FOBA-quality way.
- 08) Up to 360 shots per turn.
- 09) No size restrictions of the pictures.
- 10) Processing of professional digital backs in highest resolution – therefore, best quality for the 3D visualizations with zooming up to 500%.
- 11) One-stop imaging when using professional digital backs you also have printing data
- 12) Independent source of light (flashlight, continuous light, daylight ...).
- 13) Perfect control / overview of positions with T-CTRL, the control software.

T-MAKE (Imaging software)

- 01) Flash (swf) or HTML animations processing within 2 minutes.
- 02) No Flash or HTML skills necessary.
- 03) Coming with 2 standard viewers (templates).
- 04) More templates available under www.fobasoft.com.
- 05) Templates can be customized to customers CI.
- 06) With individually customizable interactive Adobe Flash or HTML output.
- 07) Selection of output quality for web animation or offline presentation.
- 08) Further pictures showing additional functions of the object can be integrated to the 3D-visualization within seconds (no programming skills necessary).
- 09) No expensive post-editing, thanks to the possibility of optimal lighting and the very varied fittings and accessories.
- 10) Small 3D data size whilst keeping a better quality thanks to high resolution initial data and through special compression (about 250 KB, turn with 16 pictures).
- 11) Resolution of 3D-visualization made with T-MAKE much better than a movie's.
- 12) Highly attractive interactivity of the 3D-visualization made with T-MAKE on the web. Other solutions offer less, and a movie is passive.

FOBA Philosophy

A truly exceptional product is the result of a creative alliance between state-of-the-art technology and vision.

For more than 70 years FOBA has been supplying high-quality, modular, sturdy and reliable studio equipment to professional photographers all over the world. The company's claim to fame includes well-known product ranges such as COMTIBUBE™, ceiling rails, stands, tripods and heads SUPERBALL®, shooting tables, and more.

FOBA's new turntables range brings previously unimaginable flexibility to 3D imaging and automation. Like all FOBA products, FOBA turntables are made in Switzerland according to the company's traditional manufacturing methods.

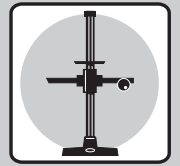
First-class materials are processed with craftsmanship. FOBA's legacy of successful studio equipment guarantees practical, efficient products.

FOBA®
STUDIO TECHNOLOGY

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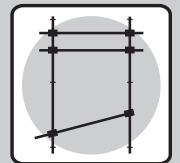
The FOBA assortment



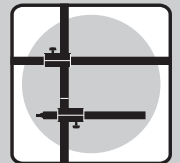
FOBA STUDIO STANDS, TRIPODS
FOBA STATIVE
FOBA PIEDS À COLONNE, TRÉPIEDS



FOBA TRIPOD HEADS
FOBA STATIVKÖPFE
FOBA TÊTES DE TRÉPIEDS



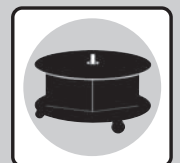
FOBA CEILING RAIL SYSTEM
FOBA DECKENSCHIENEN-SYSTEM
FOBA SYSTÈME RAILS DE PLAFOND



FOBA COMBITUBE SYSTEM
FOBA COMBIROHR® SYSTEM
FOBA SYSTÈME COMBITUBE



FOBA SHOOTING TABLES
FOBA AUFNAHMETISCHE
FOBA TABLES DE PRISE DE VUE



FOBA TURNTABLES
FOBA DREHTELLER
FOBA TABLES TOURNANTES