

FOBA studio stands. Universally popular.

**FOBA**<sup>®</sup>  
STUDIO-TECHNOLOGY

## FOBA: complete systems for photography

FOBA has supplied photographic shooting equipment\* for more than 70 years:

- World-class studio stands
- Tripods
- SUPERBALL® tripod heads
- ROOF-TRACK and MEGA-TRACK ceiling rail systems
- Shooting tables
- Turntables for efficient 360° spin visualization
- Unroller devices for backgrounds
- Lamp stands
- COMBITUBE™ system, a kind of Meccano kit for all sorts of uses

**FOBA provides spare parts on a long-term basis.**

**Since most FOBA components are screwed in, defective parts can generally be replaced easily by the user.**

**Most FOBA products are finished in reflex-free black.**

## Universal best references

FOBA products are used worldwide by reputed companies, public and educational institutions, museums and photographers.

## Sustainable production

FOBA products are made in Switzerland according to the company's traditional environment-considerate manufacturing methods. First-class materials are processed with craftsmanship. FOBA's legacy of successful studio and photography equipment guarantees practical, well-proven and efficient products

## FOBA products are:

- modular, i.e. versatile
- interchangeable, i.e. can be upgraded at any time
- sturdy, i.e. have a long life span

These characteristics spell out high efficiency and usefulness. So investments in FOBA products are well worth their price.



FOBA's studio stands are an indispensable support not only in photo studios...

## Stability in the studio – even for very demanding professionals

A FOBA studio stand is an essential appliance for every professional photographer with an eye for quality. Studio stands warrant great stableness and a shooting free of wobbling – even when working with big and heavy cameras or sensors. FOBA stands can be adjusted quickly and easily, and locked in place with great accuracy. For the photographer, this means decisive speed of action, top safety conditions, ergonomic handling and maximum efficiency. FOBA studio stands are characterized by highest stability and excellent balance. Vertical and horizontal displacements, supported by 24 state-of-the-art, individually adjustable ball bearings, are particularly smooth and precise. The exceptionally precise mechanical parts and the built-in rulers and gauges, embedded either in the vertical or the horizontal axis, depending on the model, guarantee exact reproducibility of all stand settings.

FOBA studio stands rest and move freely and smoothly on ball bearing casters. The heavy cast-iron base can be lifted and lowered without much effort with one central pedal. Once lowered, safety and stable positioning are ensured.

## Three stand types to answer all needs

FOBA offers three studio stands sub ranges, designed to cover all possible photographic or industrial requirements. Whether for heavy professional 8x10" cameras with long barrels, mid-size cameras, lightweight passport cameras or for any sensor, FOBA has the right studio stand for it (for a general view go to page 14).

| Application need                                  | FOBA studio stand                         |
|---|---|
| Large cameras or sensors,<br>Great working height | AROBÉ (DSS ALPHA)                         |
| Middleweight<br>cameras or sensors                | AROBO (DSS OMEGA)<br>ASABA                |
| Lightweight cameras or sensors,<br>High mobility  | AROBI (DSS GAMMA)<br>ASLAI (Portrait Pro) |

## FOBA studio stands: designed to and for work

FOBA's typical, almost emblematic hexagonal steel pipe has proved to be not only elegant but also functional: it ensures absolute twist-proof adjustment of cameras, sensors and appliances.



...but they are also very popular in the industry, for quality control, reengineering or in measurement laboratories. Many well-known industrial companies from the automotive, aircraft or the mechanical industry as well as internationally acknowledged public university and museum laboratories use FOBA's studio stands daily also for quality control, process control, development and product analysis.

\* For further information:  
see [www.foba.com](http://www.foba.com)

## Studio stand features



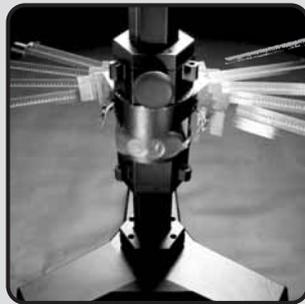
Precise rulers and gauges – in millimeters and inches – allow the user to position and to repeat all settings accurately.



The end of the beam is equipped with a spigot onto which various tilt heads and other rotating accessories can be inserted. Some models have a rotation gauge with which settings can be repeated accurately.



All rotating elements – supports, arms and uprights – are inserted onto the spigot at the end of the cross beam and can be braced in any position by the clamp. The initial tension can be regulated with the 2 additional hex-socket screws, permitting thus to adjust the friction on the spigot corresponding to the weight of the camera. For better convenience and individual operation, the clamp can be mounted on both sides of the support, arm or upright.



The crosspiece rotates and is equipped in some models with a rotation gauge.



**Double pedal**  
Due to a sophisticated mechanism, the stand can be lowered onto the floor or raised onto its wheels without much effort.

Technical designation of the usual threads in photography and measurement technology :

- Big thread: 3/8"
- Small thread: 1/4"

In the measurement technology, even bigger threads (5/8") may be used.

Shaft and beam are manufactured with warp-resistant, hexagonal steel pipes. A camera or sensor can be mounted at each end of the beam.

FOBA stands are very sturdy, and therefore suitable for very heavy cameras or sensors. The specified standard lifting capacity is calculated on the basis of the average camera or sensor weight. It can be increased almost at will by adding extra counterweights inside the shaft. However, each additional counterweight reduces the operational height of the beam by the height of each weight.



Crosspiece and beam owe their smooth movements (crosspiece vertically, beam horizontally) to 24 state-of-the-art ball bearings. Ergonomic handles and locking devices allow float-free blocking of horizontal, vertical and rotation movements.

Shock absorber for AROBE and AROBI cast-iron bases. The shock absorbing system allows the base to be lifted and lowered without jolts, thus effectively safeguarding highly sensitive equipment such as cameras or measuring apparatus.



Tall stands (up to 6 m resp. 19.7') can be delivered with the fittings MUBOD, MUDEK or MUWAN which fix it permanently to the floor instead of with the standard movable base.

## FOBA DSS studio stands range

### The best a studio can have

FOBA, manufacturing leader of high-quality studio stands, has designed the DSS range to **satisfy extreme requirements and provide even more working safety**. Studio stands that are comfortable to work with, safe and absolutely steady are not only required for large format professional cameras, but also for sensors and digital cameras.

#### Safety

FOBA is aware of the amounts that users entrust to its studio stands in the form of cameras or digital equipment. Consistent accuracy, as well as countless measurement and control processes in production and assembly allow FOBA stands to meet even the narrowest tolerances.

#### Precision

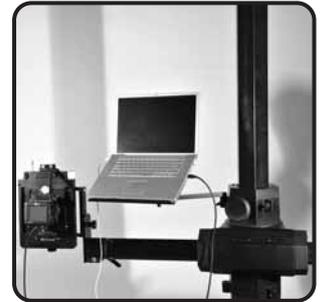
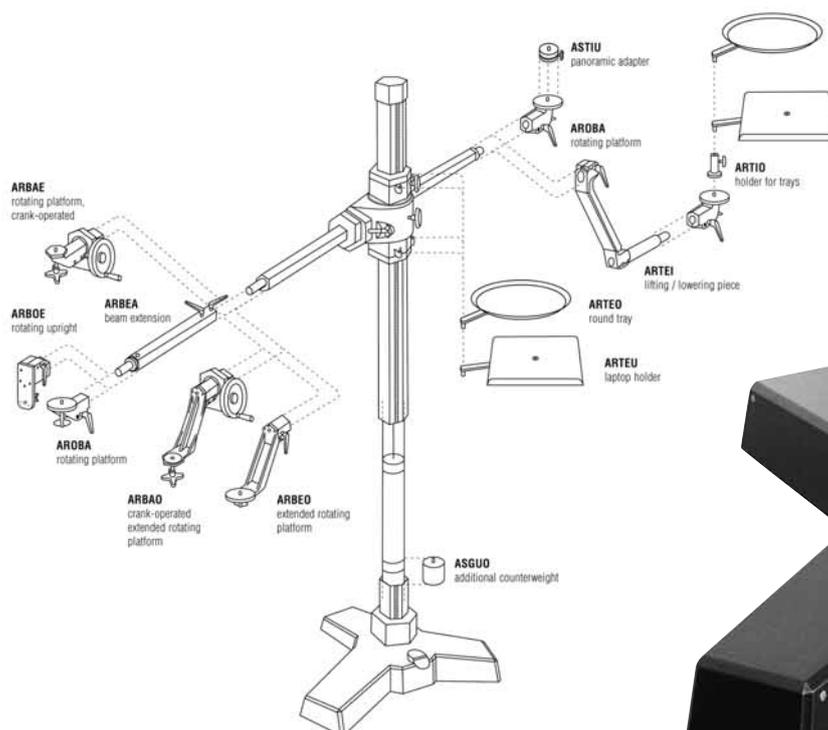
Stability alone is no longer enough – the modern user wants high-precision shaft guiding, adjusting and locking. This is why the FOBA DSS range is equipped with 24 state-of-the-art ball bearings, brakes and locking components which are made of extensively tested materials, thus ensuring fully manageable friction and almost no wear.

#### Digital

Digital photographic equipment demands even more from a studio stand than conventional cameras. FOBA has designed its DIGITAL SUPPORT SYSTEM (DSS) with an eye to the future.

#### Variety

With its large selection of accessories, each FOBA studio stand can cater to the most diverse requirements. Therefore, in the long run, the initial expenditure turns into a worthwhile investment.



Laptop holder ARTEU, fits any current model.



#### AROB DSS ALPHA

Designed for heavy professional cameras and big sensors, or for working at great height without loss of stability.

Standard floor height: 2.7 m (8.9')

Standard lifting capacity (without additional counterweight): 11 kg (24.2 lbs)

Beam length:

(without spigots): 110 cm (43.3")

Weight: 201 kg (443 lbs)

Custom shaft height available on request up to 3.6 m (11.8') or more.

Includes 4 fittings for all-purpose trays ARTEO / ARTEU on the crosspiece and one spigot at each end of the beam, onto which tilt heads and arms can be mounted; standard delivery: includes one rotating platform AROBA.

Cast-iron base with double pedal and shock absorber. Built-in rulers on shaft and beam, built-in rotation gauge in degrees on crosspiece.

For further technical data go to pages 14, 10.

## AROBO DSS OMEGA

This studio stand fulfills everything that is expected of a stand in the modern studio. It combines many characteristics of DSS ALPHA and of the legendary all-purpose ASABA stand.

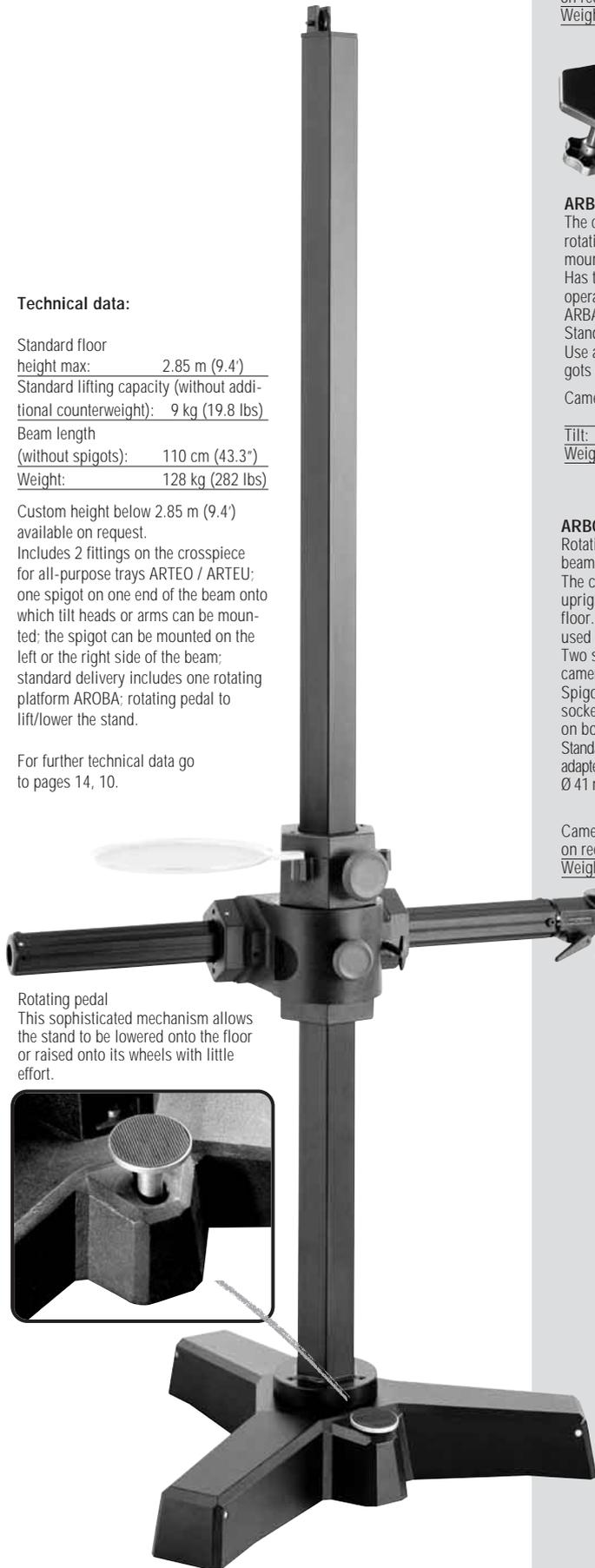
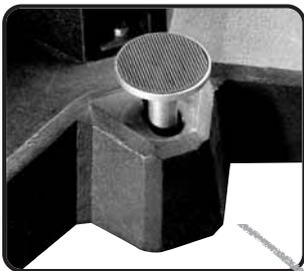
### Technical data:

|   |                  |
|---|------------------|
| Standard floor height max:                                    | 2.85 m (9.4')    |
| Standard lifting capacity (without additional counterweight): | 9 kg (19.8 lbs)  |
| Beam length (without spigots):                                | 110 cm (43.3")   |
| Weight:   | 128 kg (282 lbs) |

Custom height below 2.85 m (9.4') available on request.  
Includes 2 fittings on the crosspiece for all-purpose trays ARTEO / ARTEU: one spigot on one end of the beam onto which tilt heads or arms can be mounted; the spigot can be mounted on the left or the right side of the beam; standard delivery includes one rotating platform AROBA; rotating pedal to lift/lower the stand.

For further technical data go to pages 14, 10.

**Rotating pedal**  
This sophisticated mechanism allows the stand to be lowered onto the floor or raised onto its wheels with little effort.



## AROBE / AROBA; DSS ALPHA / DSS OMEGA accessories at a glance:

### AROBA

Rotating platform, to be inserted onto the beam's spigot. 360° rotation and clamping. Spigot friction adjustable with two socket screws. Clamp can be mounted on both sides of the unit. Built-in rotation gauge on the spigot allows precise repetition of settings.

|                         |                  |
|-------------------------|------------------|
| Camera thread: standard | 3/8"             |
| on request              | 1/4"             |
| Weight:                 | 1.3 kg (2.9 lbs) |



### ARBEO

Extended rotating platform, to be inserted onto the beam's spigot. The camera axis is lowered to correspond approximately to the beam axis. This has two advantages:

- the rotating axis goes through the camera's gravity center, no matter how it is positioned, which simplifies the setting of the camera.
- thanks to the low center of gravity, there is much less risk of the camera's toppling over when mounted in a wrong way.

360° rotation and clamping. Spigot friction adjustable with two socket screws. Clamp can be mounted on both sides of the unit.

|                         |                  |
|-------------------------|------------------|
| Height variation:       | 16 cm (6.3")     |
| Camera thread: standard | 3/8"             |
| on request              | 1/4"             |
| Weight:                 | 1.8 kg (4.0 lbs) |



### ARBAE

The crank-operated rotating platform is mounted on the spigot of the beam. Has the same features as the crank-operated extended rotating platform ARBAO or the rotating platform AROBA. Standard for Ø 51 mm (2.0") spigots. Use adapter bushing ARBOU for spigots of Ø 41 mm (1.6").

|                         |                  |
|-------------------------|------------------|
| Camera thread: standard | 3/8"             |
| on request              | 1/4"             |
| Tilt:                   | 360°             |
| Weight:                 | 3.8 kg (8.3 lbs) |

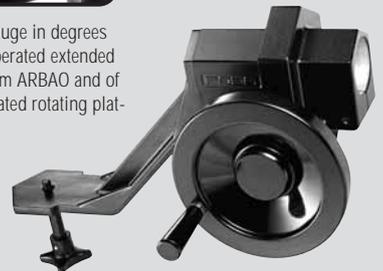
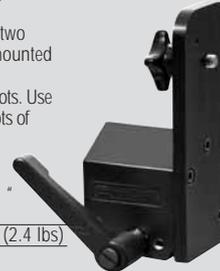


Detail of the gauge in degrees of the crank-operated extended rotating platform ARBAO and of the crank-operated rotating platform ARBAE.

### ARBOE

Rotating upright, to be inserted onto the beam's spigot. The camera is screwed directly onto the upright and is thus perpendicular to the floor. This allows the studio stand to be used for photography reproduction. Two screws prevent the tipping of the camera. Spigot friction adjustable with two socket screws; clamp can be mounted on both sides of the unit. Standard for Ø 51 mm (2.0") spigots. Use adapter bushing ARBOU for spigots of Ø 41 mm (1.6").

|                         |                  |
|-------------------------|------------------|
| Camera thread: standard | 3/8"             |
| on request              | 1/4"             |
| Weight:                 | 1.1 kg (2.4 lbs) |



### ARBAO

Crank-operated extended rotating platform, to be inserted onto the beam's spigot. Self-locking, rotates even the heaviest equipment accurately and without effort. The crank handle can be installed on both sides for better and individual convenience. Built-in rotation gauge in degrees with intervals of 5° allows precise repetition of settings. For other characteristics, see extended rotating platform ARBEO. Standard for Ø 51 mm (2.0") spigots. Use adapter bushing ARBOU for spigots of Ø 41 mm (1.6").

|                         |                |
|-------------------------|----------------|
| Height variation:       | 16 cm (6.3")   |
| Camera thread: standard | 3/8"           |
| on request              | 1/4"           |
| Tilt:                   | 360°           |
| Weight:                 | 4 kg (8.8 lbs) |



### ARBEA

Beam extension, to be inserted onto the beam's spigot. Two clamping levers ensure great safety.

|                          |                  |
|--------------------------|------------------|
| Length (without spigot): | 60 cm (23.6")    |
| Spigot's outer diameter: | 51 mm (2.0")     |
| Weight:                  | 2.4 kg (5.3 lbs) |



### ASGUO

Additional counterweight, to be screwed on underneath existing standard counterweight. Increases the standard lifting capacity, e.g. for heavy cameras or sensors. Several counterweights can be added in the same manner.

|           |                 |
|-----------|-----------------|
| Diameter: | 8.6 cm (3.4")   |
| Height:   | 12 cm (4.7")    |
| Thread:   | M6              |
| Weight:   | 5 kg (11.0 lbs) |



### ARTEI

Lifting / lowering piece with own spigot, to be inserted onto the beam's spigot. For raising or lowering of equipment; usually mounted vertically. Other platforms or extensions can be mounted on its own spigot. Spigot friction adjustable with two socket screws. Clamp can be mounted on both sides of the unit.

|                          |                  |
|--------------------------|------------------|
| Additional height:       | 35 cm (13.8")    |
| Spigot's outer diameter: | 51 mm (2.0")     |
| Weight:                  | 3.5 kg (7.7 lbs) |

## All-purpose middleweights

The successful all-purpose stand ASABA is ideally designed for 4x5", middle or digital professional cameras as well as for any kind of sensor. The beam runs on ball bearings and is equipped on both ends with spigots, onto which any of the available rotating accessories can be inserted, thus enabling the photographer to install permanently the two cameras which are most often used. The vertical beam displacement is supported by a counterweight inside the shaft. With the addition of the ASOBU rotating platform, the shaft can perform a full turn on its own axis. Ball bearing casters ensure smooth and comfortable floor displacements; stabilization through lowering and locking with rotating pedal.

## Versatile

A large selection of accessories turns the ASABA studio stand into a unique and individual tool, specifically adapted for the task at hand.

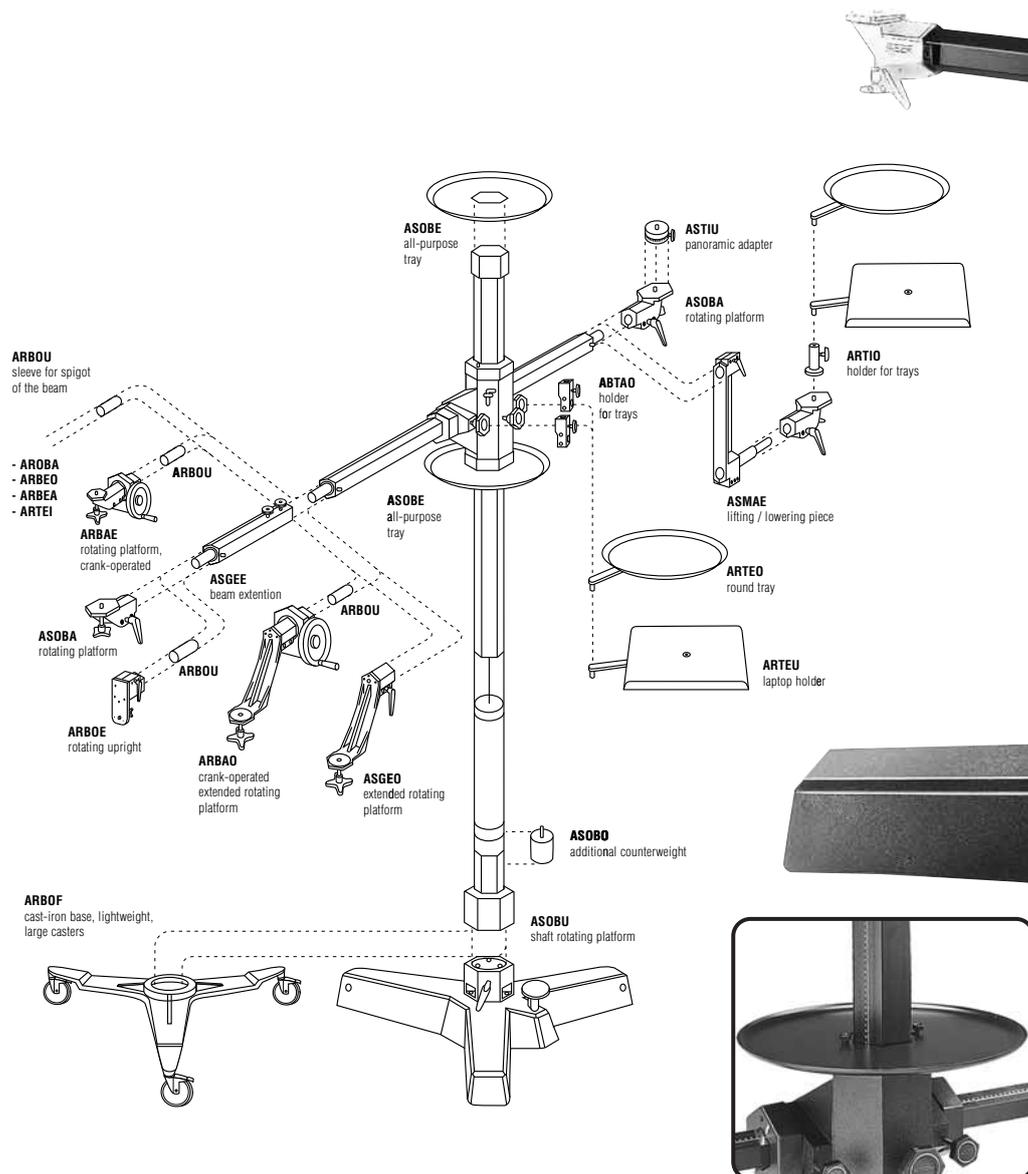
## ASABA

All-purpose studio stand, vertical and horizontal movements on ball bearings, lifting/lowering with rotating pedal; Standard delivery includes one rotating platform ASOBA. Custom height up to 3 m (9.8') available on request (extra charge).

|   |                 |
|---|-----------------|
| Standard floor height:  | 2.5 m (8.2')    |
| Standard Lifting capacity (without additional counterweight): | 7 kg (15.4 lbs) |
| Beam length (without spigots):                                | 100 cm (39.4")  |
| Weight:   | 96 kg (212 lbs) |

For greater mobility, the cast-iron base ARBOF with its big casters is available on request and at extra charge.

For further technical data go to pages 14, 10.



The all-purpose tray ASOBE can be mounted above (pictured) or below the crosspiece.

## ASABA accessories at a glance



### ASOBA

Rotating platform, to be inserted onto the beam's spigot. 360° rotation and clamping. Spigot friction adjustable with two socket screws. Clamp can be mounted on both sides of the unit.

Camera thread: standard 3/8 " on request 1/4"

Weight: 760 g (1.7 lbs)



### ASMAE

Lifting / lowering piece with own spigot, to be inserted onto the beam's spigot. For raising or lowering of equipment, generally used upright; other platforms or extensions can be mounted on its own spigot. Spigot friction adjustable with two socket screws. Clamp can be mounted on both sides of the unit.

Additional height: 35 cm (13.8")

Spigot's outer diameter: 41 mm (1.6")

Weight: 2.4 kg (5.3 lbs)



### ARBOU

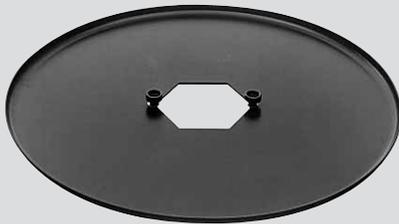
Adapter sleeve for studio stand beams. Enables installing heads and arms meant for DSS ALPHA (AROBÉ) or DSS OMEGA (AROBO) onto smaller stand ASABA. With this adapter, photographic studios equipped with more than one type of stand can use all their FOBA heads and arms on every stand. Another feature highlighting the modularity of FOBA products.

Outer Ø: 51 mm (2.0")

Inner Ø: 41 mm (1.6")

Length: 69 mm (2.7")

Weight: 70 g (0.15 lbs)



### ASOBE

All-purpose round tray, inserted on the shaft above or below the crosspiece. To keep everything within the photographer's hand's reach. Felt-covered aluminium.

Diameter: 48 cm (18.9")

Weight: 1.3 kg (2.9 lbs)



### ABTAO

Holder for ARTEU / ARTEO trays; to be mounted on the crosspiece of the ASABA / REPRO studio stands.

The lateral screws help to adjust the support so that it can be fixed perfectly vertically.

Upper aperture Ø: 14 mm (0.6")

Length: 8.5 cm (3.3")

Weight: 115 g (0.25 lbs)



### ASGEE

Beam extension, to be inserted onto the beam's spigot. Two clamping levers ensure great safety.

Length (without spigot): 60 cm (23.6")

Spigot's outer diameter: 41 mm (1.6")

Weight: 1.2 kg (2.6 lbs)



### ASOBO

Additional counterweight, to be screwed on underneath existing standard counterweight. Increases the standard lifting capacity, e.g. for heavy cameras or sensors.

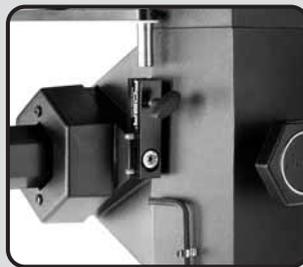
Several counterweights can be added in the same manner.

Diameter: 7 cm (2.8")

Height: 6.6 cm (2.6")

Thread: M6

Weight: 2.7 kg (6.0 lbs)



Holder ABTAO on ASABA's crosspiece with the round tray ARTEO.



### ASGEE

Extended rotating platform, to be inserted onto the beam's spigot. The camera axis is lowered to correspond approximately to the beam axis. This has two advantages:

- the rotating axis goes through the camera's gravity center, no matter how it is positioned, which simplifies the setting of the camera.
- thanks to the lower center of gravity, there is much less risk of the camera's toppling over when mounted in a wrong way.

360° rotation and clamping. Spigot friction adjustable with two socket screws. Clamp can be mounted on both sides of the unit.

Height variation: 16 cm (6.3")

Camera thread: standard 3/8 " on request 1/4"

Weight: 1.5 kg (3.3 lbs)



### ASOBU

Shaft rotating platform. Allows the shaft to rotate 360° on the cast-iron base.

Height: 10 cm (3.9")

Weight: 12.8 kg (28.2 lbs)

### Further accessories:

- Heads, platforms etc. on page 5, along with sleeve ARBOU
- Trays, holders etc. on page 11

## AROBI DSS GAMMA

### Best convenience for medium-size cameras

A sturdy cast-iron base and accurate manufacturing means:  
Low weight – top stability.

#### Handy

DSS GAMMA stands are comparatively easy to dismount and reassemble, making them the ideal companions for out-of-studio applications.

#### Accurate

Rotating crosspiece with built-in rotation gauge in degrees. 24 ball bearings ensure smooth and easy movements (crosspiece vertically, beam horizontally). Easy and comfortable usage guaranteed.

#### Safe

The shaft is made of warp-resistant, hexagonal steel pipe. Both beam ends can be fitted with a camera or other equipment. The base is equipped with a double pedal with which the entire stand can be lifted onto its wheels and rolled around, or lowered and stabilized on the ground.



Rotating crosspiece with built-in rotation gauge.  
Knob in the middle: for rotating movements  
Lower knob: for vertical movements  
Wing screw on the right: for horizontal movements  
Holder for trays ARTEO / ARTEU on both left and right side



Double pedal to lift or lower the stand, with shock absorber.

#### Technical data AROBI DSS GAMMA

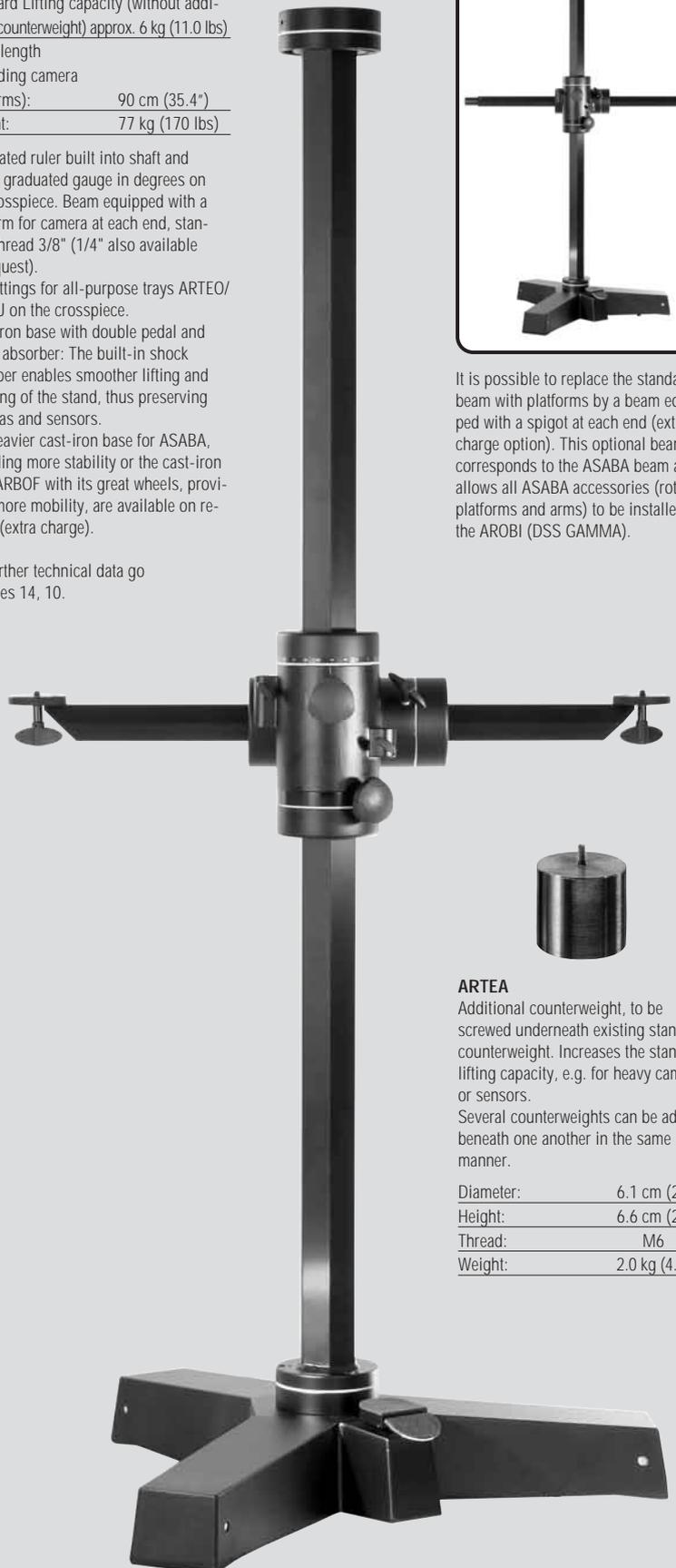
|  |                         |
|--|-------------------------|
| Standard floor height:                                       | 2.0 m (6.6')            |
| custom height<br>(extra charge)                              | max. 2.7 m (8.8')       |
| Standard Lifting capacity (without additional counterweight) | approx. 6 kg (11.0 lbs) |
| Beam length<br>(including camera<br>platforms):              | 90 cm (35.4")           |
| Weight:  | 77 kg (170 lbs)         |

Graduated ruler built into shaft and beam, graduated gauge in degrees on the crosspiece. Beam equipped with a platform for camera at each end, standard thread 3/8" (1/4" also available on request).  
Two fittings for all-purpose trays ARTEO/ARTEU on the crosspiece.  
Cast-iron base with double pedal and shock absorber: The built-in shock absorber enables smoother lifting and lowering of the stand, thus preserving cameras and sensors.  
The heavier cast-iron base for ASABA, providing more stability or the cast-iron base ARBOF with its great wheels, providing more mobility, are available on request (extra charge).

For further technical data go to pages 14, 10.



It is possible to replace the standard beam with platforms by a beam equipped with a spigot at each end (extra charge option). This optional beam corresponds to the ASABA beam and allows all ASABA accessories (rotating platforms and arms) to be installed on the AROBI (DSS GAMMA).



#### ARTEA

Additional counterweight, to be screwed underneath existing standard counterweight. Increases the standard lifting capacity, e.g. for heavy cameras or sensors.  
Several counterweights can be added beneath one another in the same manner.

|           |                  |
|-----------|------------------|
| Diameter: | 6.1 cm (2.4")    |
| Height:   | 6.6 cm (2.6")    |
| Thread:   | M6               |
| Weight:   | 2.0 kg (4.4 lbs) |

For further accessories go to page 11

## ASLAI – great flexibility

### Easily movable

Portrait Pro ASLAI is designed to be moved around. The shaft can be unscrewed from the base, which makes it easy to take along. Big ball bearing casters take even uneven floors and the occasional cables in their smooth stride. Therefore, ASLAI is the ideal companion for out-of-studio jobs.

### Steady

The shaft's low supporting point on the base and the casters' easy to use, individual double lock mechanism result in high stability despite the reduced weight of the stand. High accuracy in production processes result in crosspieces and beams that can be locked in place without wobbling.



Rotating crosspiece.  
Knob in the middle: for rotating and vertical movements, with plastic bush bearing  
Wing screw on the right: for horizontal movements  
Holder for trays ARTEO / ARTEU on both left and right side



Beam on ball bearing mechanism.



Ball bearing caster, with individual brake pedal. Wheel brake and swivel lock in one. Each caster can be locked separately.



### ASLAI Portrait Pro

This studio stand has been specifically designed for use in narrow spaces, for lightweight cameras or sensors as well as for mobile applications. Ball bearing-supported beam.

Standard floor height: 1.82 m (6.0')  
custom height (extra charge)

max. 2.2 m (7.2')

Standard Lifting capacity: 3 kg (6.6 lbs)

Beam length

(including camera platforms)

90 cm (35.4")

Weight: 45 kg (99 lbs)

Beam equipped on both ends with camera platform, thread 3/8" (1/4" also available on request).

Two fittings for all-purpose trays ARTEO / ARTEU on the crosspiece.  
Casters with individual multilocking brakes.

On request and with an extra charge, the shaft can be mounted by means of the adapter flange ASLEI on the cast-iron base of AROBI or ASABA or on ARBOF.

For further technical data go to pages 14, 10.



### ASLEI

The shaft of the ASLAI studio stand can be mounted on an ASABA, an AROBI or an ARBOF cast-iron base with this flange.

Height: 27 mm (1.1")

Outer diameter: 14 cm (5.5")

Weight: 0.740 kg (1.6 lbs)

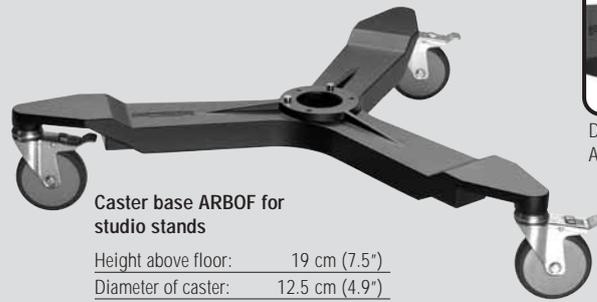
## Caster base for studio stands

Unlike traditional photo studios where the stands are moved only a few meters and where floors are usually level, stands used in measurement technology carrying measuring equipment are moved much more often. Here the stands are rolled from one room to another, over doorsteps and other obstacles, often even transported by vehicle to another working place.

FOBA meets the needs of industrial measurement technology by providing not only stable, high precision stands but also a light, movable caster base.

### The caster base ARBOF has following features:

- The casters have ball bearings; a single pedal for each caster serves as a lock for rolling and rotating movement.
- The construction of the base enables the stand to tilt and roll on two casters, to get through a door, for example.
- The caster base can be carried around by one person only, as it weighs only 25 kg, excluding additional weights.
- To achieve better stability, an extra weight of 7.5 kg can be screwed underneath each blade.
- Two screws are situated where the stand is screwed onto the base. They allow the shaft to be mounted into the right place at first try (does not work for the ASABA-shaft).



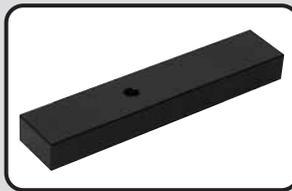
Detail of the center of the caster base ARBOF.

#### Caster base ARBOF for studio stands

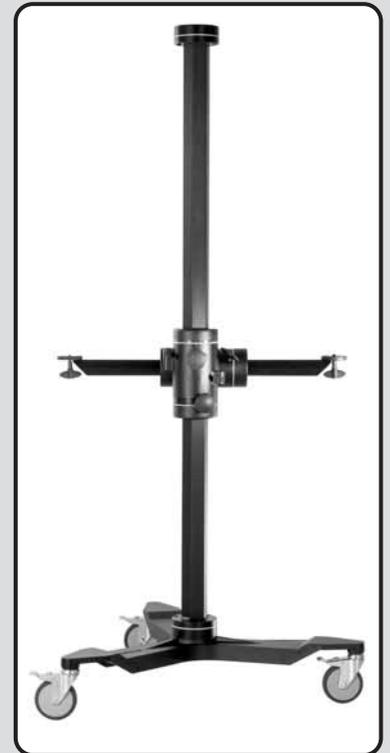
|                                    |                      |
|------------------------------------|----------------------|
| Height above floor:                | 19 cm (7.5")         |
| Diameter of caster:                | 12.5 cm (4.9")       |
| Ground clearance:                  | 11 cm (4.3")         |
| Weight without additional weights: | 25 kg (55 lbs)       |
| Weight of additional weight:       | 7.5 kg (16.5 lbs)    |
| Capacity:                          | ca. 100 kg (220 lbs) |



Back side of the caster base with additional weights screwed on.

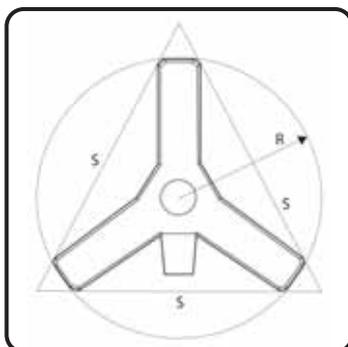


Additional weight for caster base.



## Floor space requirements of the various studio stands

For a better strategy when buying or installing a studio stand it is an advantage to know the floor space each studio stand requires, beneath all the other important technical data.



| This caster base fits following FOBA studio stands:    | Through the caster base ARBOF, the standard studio stand is slightly elevated: |
|--|--|
| • ASABA  | by ca. 2 cm (0.8")   |
| • AROBI (DSS GAMMA)                                    | by ca. 4 cm (1.6")   |
| • ASLAI (Portrait Pro), combined with the flange ASLEI | by ca. 13 cm (5.1") along with the flange ASLEI                                |

| Studio stand or base type | Radius         | Side length     | Weight     |
|---------------------------|----------------|-----------------|------------|
|                           | R [cm] [inch]  | S [cm] [inch]   | [kg] [lbs] |
| AROB (DSS ALPHA)          | 66.5 cm (26.2) | 140.0 cm (55.1) | 116 256    |
| AROB (DSS OMEGA) / ASABA  | 52.0 cm (20.5) | 109.0 cm (42.9) | 53 117     |
| AROBI (DSS GAMMA)         | 46.0 cm (18.1) | 98.0 cm (38.6)  | 38 84      |
| ASLAI (Portrait Pro)      | 37.5 cm (14.8) | 77.2 cm (30.4)  | 22 49      |
| ARBOF                     | 53.5 cm (21.1) | 98.0 cm (38.6)  | 48 106     |

## Accessories for studio stands with hex pipe shafts

Tall stands (up to 6 m resp. 19.7') can be delivered with the fittings MUBOD, MUDEK or MUWAN which fix it permanently to the floor instead of with the standard movable base.



### MUDEK Ceiling attachment for shaft

The holder is screwed onto the ceiling; for specific shaft diameters. To attach the stand below either a wall or floor attachment is necessary.



### MUWAN Wall attachment for shaft

For specific shaft diameters. At least two wall attachments are necessary to attach the stand.



### MUBOD Floor attachment for shaft

The holder is screwed onto the floor; the stand is then put over the cylinder; for specific shaft diameters. To attach the stand above either a wall or ceiling attachment is necessary.



### Diameter of the shaft

|                |                   |
|----------------|-------------------|
| AROB (ALPHA) / |                   |
| AROBO (OMEGA): | d = 108 mm (4.3") |
| ASABA:         | d = 80 mm (3.1")  |
| AROBI (GAMMA): | d = 72 mm (2.8")  |

## Common accessories for studio stands:



With holder ARTIO, the trays ARTEO and ARTEU can be installed at the end of all stand beams.



Extremely practical for out-of-studio applications: the all-purpose trays can also be mounted on sturdy tripods such as the ALFAE aluminium tripod from FOBA with the holder ARTIO.



The sleeve CEHUO allows the Laptop holder ARTEU to be combined with the COMBITUBE\* system. This is very practical for out-of-studio shootings.

\* Visit [www.foba.com](http://www.foba.com) to learn more about the versatile COMBITUBE system

## Common accessories for studio stands:



### BALGI

Adapter to connect stands and cameras respectively sensors with different connection threads.

|                          |                 |
|--------------------------|-----------------|
| Upper screw thread:      | 1/4"            |
| Lower inner thread:      | 3/8"            |
| Height (without thread): | 23 mm (0.9")    |
| Diameter:                | 67 mm           |
| Weight:                  | 220 g (0.5 lbs) |



### BALGU

Adapter between stand and measuring device, bridging various threads, with radial boring for tightening bar.

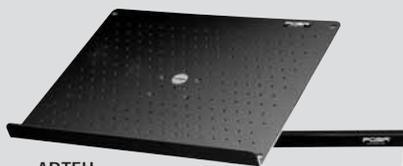
|                         |                |
|-------------------------|----------------|
| Upper screw:            | 5/8" thread    |
| Inner thread at bottom: | 3/8"           |
| Height without thread:  | 20 mm (0.8")   |
| Diameter:               | 25 mm (1")     |
| Weight:                 | 80 g (0.2 lbs) |



### ARTEO

Felt-lined round aluminium tray, to keep all kinds of small objects at hand.

|           |                  |
|-----------|------------------|
| Diameter: | 35 cm (13.8")    |
| Weight:   | 0.8 kg (1.8 lbs) |



### ARTEU

Aluminium laptop holder, adequate for all 17"-screens. Tray swivels on supporting arm. Thanks to the perforated plate, the heat produced by the laptop can escape. The cables of the laptop can be fixed on all four edges of the holder with cable ties, thus preventing them being pulled out.

Delivered with 4 adhesive Velcro pads

|                            |                            |
|----------------------------|----------------------------|
| Dimensions:                |                            |
| (width x depth):           | 40 x 32 cm (15.7" x 12.6") |
| Length of arm:             | 33 cm (13")                |
| Ø of spigot on the bottom: | 18 mm (0.7")               |
| Weight:                    | 2.0 kg (4.4 lbs)           |



Laptop holder ARTEU that can be moved in any direction, with sturdy locking lever.



Laptop holder ARTEU, easy and safe:

- nonslip Velcro pads for laptop
- cables pinched together with cable tie



### ASTIU

Panoramic adaptor, swiveling range 360°. Includes interchangeable camera plate with 3/8" and 1/4" threads. Rotation gauge with intervals of 5° and lock screw.

|           |                 |
|-----------|-----------------|
| Diameter: | 76 mm (3.0")    |
| Height:   | 27 mm (1.1")    |
| Weight:   | 350 g (0.8 lbs) |



### ARTIO

Holder for ARTEO and ARTEU trays, can be mounted on any rotating platform. Upper opening fitted for trays; lower opening with inner screw threaded 3/8" to be screwed on platform or stand.

|                     |                |
|---------------------|----------------|
| Ø of upper opening: | 14 mm (0.6")   |
| Height:             | 57 mm (2.2")   |
| Weight:             | 90 g (0.2 lbs) |



### CEHUA / CEHUO

Sleeves for various interchangeable adapters at 18 mm (0.7") diameter.

The bottom has either a female COMBITUBE\* connector (CEHUO) or a simple 3/8" inner thread (CEHUA) for installation on lamp stand uprights (COMBITUBE or STAPI telescopic upright). The ARTEU laptop holder can also be fitted into CEHUA / CEHUO sleeves.

### CEHUA

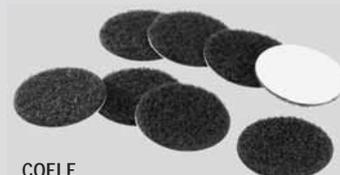
Bottom: inner thread 3/8".

|                     |                 |
|---------------------|-----------------|
| Inside Ø of sleeve: | 18 mm (0.7")    |
| Outside Ø:          | 25 mm (1.0")    |
| Height:             | 4 cm (1.57")    |
| Weight:             | 100 g (0.2 lbs) |

### CEHUO

Bottom: female COMBITUBE connector (cone and 3/8" inner thread)

|                     |                 |
|---------------------|-----------------|
| Inside Ø of sleeve: | 18 mm (0.7")    |
| Outside Ø:          | 25 mm (1.0")    |
| Height:             | 5 cm (1.97")    |
| Weight:             | 130 g (0.3 lbs) |



### COFLE

Replacement pile stickers, set of 8. For touch fasteners on COFLA and COMEN, as well as on ARTEU.

Laptop holder ARTEU comes with 4 hook and 8 pile stickers, which have to be placed both on the ARTEU tray itself and on the back of the laptop, to keep the latter from sliding off the holder accidentally. Pile stickers must be present and, whenever necessary, replaced on any laptop being placed on ARTEU. COFLE allows new ones to be ordered.

|               |                 |
|---------------|-----------------|
| Sticker Ø:    | 40 mm (1.6")    |
| Weight (set): | 10 g (0.02 lbs) |

## AROBÉ M

### DSS ALPHA M motor driven

This motor driven stand, based on the AROBE (DSS ALPHA) model, is used when high precision, but not quite as high as the one of an industrial robot is needed. The cabled remote control makes this stand the ideal tool for measuring or shooting in closed or inaccessible quarters. Four 24V motors allow all necessary movements.

#### AROBÉ M DSS ALPHA M: Technical data

|   |   |
|---|---|
| 4-channel control, including cable 5 m (16')  |   |
| Horizontal beam displacement: 68 cm (26.8")   | ← |
| Vertical displacement   |   |
| above floor: 60 cm – 240 cm (23.6" – 94.5")   | ↓ |
| Tilt: -90° - + 30°  | ↗ |
| Pan: -180° - + 90°  | ↻ |
| Standard floor height: 2.85 m (9.4')  |   |
| Any other heights on request  |   |
| Weight: 228 kg (503 lbs)  |   |
| Power supply: 230 V/24 V max. 140 W   |   |
| Current transformer for 110 V available on demand and with an extra charge.                     |   |
| Standard lifting capacity (without additional counterweight): 9 kg ± 2 kg (19.8 lbs ± 4.4 lbs). |   |

For heavy cameras, an additional counterweight ASGUO can be built in into the shaft.

For lightweight cameras, a spigot with the appropriate counterweight can be mounted on the other side of the beam.

Other characteristics match those of the standard AROBE model.  
Custom designs available on request.

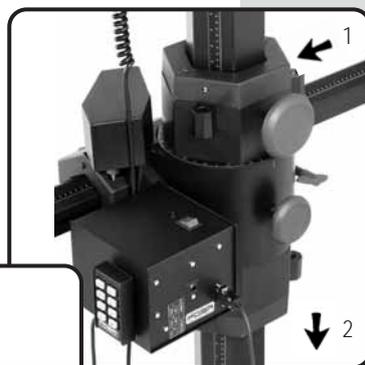
#### Safety measures:

- Friction clutch for the vertical and horizontal movement
- As soon as the button on the remote control is released, the motor stops

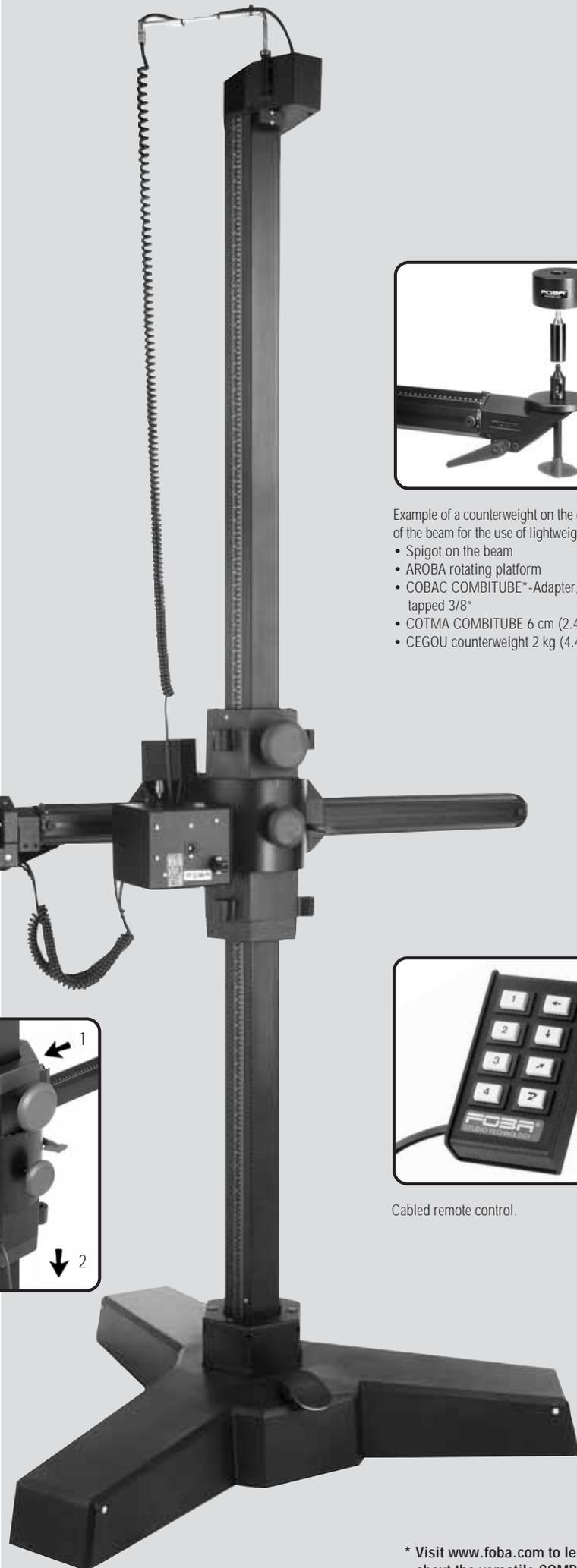
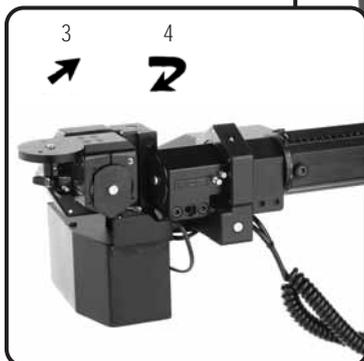


Example of a counterweight on the other side of the beam for the use of lightweight cameras:

- Spigot on the beam
- AROBA rotating platform
- COBAC COMBITUBE\* -Adapter, bottom tapped 3/8"
- COTMA COMBITUBE 6 cm (2.4")
- CEGOU counterweight 2 kg (4.4 lbs)



Cabled remote control.



## ASABA M

### Motor Driven Studio Stand

The need for automatization is also growing in the optical measurement industry. Besides robots, only rarely used for financial reasons, there are barely any simple, serial produced stands for the automatic positioning of sensors in the measurement industry. With FOBA's ASABA M, the motor driven version of the well-proven ASABA, the position can now be adjusted electrically and automatized in two axes.

The ASABA M is delivered with a manual control unit and possesses also a CANopen interface. It can be operated manually with the control straight away or programmed and operated through the CANopen interface.

#### Advantages of ASABA M over robots:

- Easy handling and programming
  - Can also be applied on mobile, automatized applications
  - No further security facilities needed for max. speeds of
- |               |          |
|---------------|----------|
| Horizontally: | 250 mm/s |
| Vertically:   | 33 mm/s  |

#### Technical Data:

230 V or 110 V

Horizontal beam holds up to 20 kg (44 lbs)

Operated by manual control unit or computer

RJ45 socket for CANopen direct

RJ45 socket for Ethernet combined with module E2CAN gateway (optional)

Positioning accuracy < 1 mm

Weight of total stand (without sensor) 96 kg (212 lbs)

Vertical displacement above floor at standard height: approx.: 45 cm – 210 cm (1.5' – 6.8')

#### Following features of FOBA's studio stands are appreciated by users from the optical measurement industry:

- Precise
- Sturdy
- Stable
- Great variety of accessories
- Easy to use
- Low-maintenance and durable

#### Differences between the two motorised studio stands:

| AROB M  | ASABA M   |
|---|---|
| Can only be operated manually via a wired remote control.   | Can be operated manually via a remote control and via the computer by means of a wire.  |
| Movements cannot be programmed.   | Movements can be programmed (CANopen). As such, it is adapted for automatized sequences.  |
| Conceived as individual device and manual operationing.   | Can be integrated into existing software environments thanks to the common and open interface and used in automation with a turntable, for example. |
| Can only be operated on site via a wire.  | Can be operated by distance through Ethernet or USB connection.   |
| Positioning accuracy of camera or sensor ca. 3 mm   | Positioning accuracy of camera or sensor < 1 mm.  |
| 4 motorized movements enabled:<br>– Vertically – Tilting of head<br>– Horizontally – Tipping of head  | Only 2 movements enabled by motor:<br>– Vertically<br>– Horizontally  |
| Standard stand operating at 230 V.<br>An additional transformer also allows operating at 110 V.   | Voltage range: 110 VAC - 230 VAC.   |
| Especially convenient for stationary application needs.   | Appropriate for stationary or mobile application needs.   |
| When shifting the height, the weight compensation of the camera and the beam occurs through a counterweight inside the shaft. Heavier or lighter cameras have thus to be compensated by further counterweights. | Drive positioned in such a way that cameras and sensors up to 20 kg (44.1 lbs) can be moved vertically without any weight compensation needed.      |
| Based on the studio stand AROBE (DSS ALPHA). This stand being very sturdy, cameras or sensors can be positioned on higher heights or further away from the shaft.   | Based on the studio stand ASABA. According to its lighter design, the cameras or sensors cannot be placed as high or far away from the shaft.       |

Both motorised studio stands can be adapted on customer's requests.

#### Handy control unit:

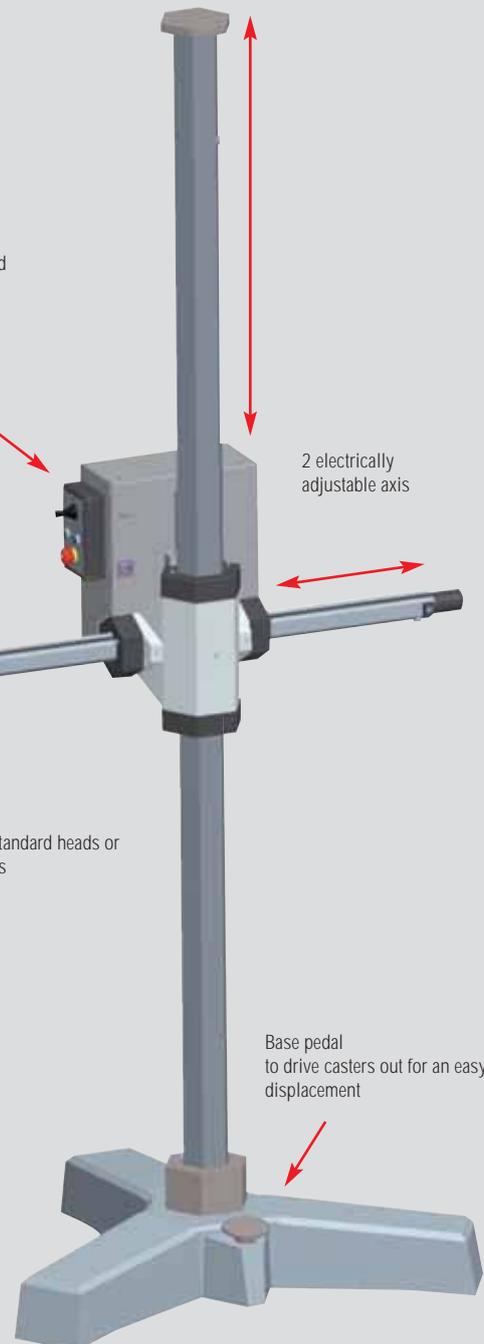
- Joystick: vertical and horizontal movements
- Own vertical and horizontal speed control
- EMERGENCY BUTTON



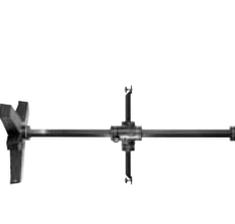
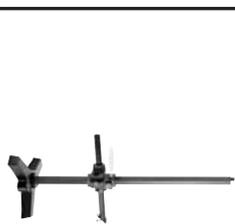
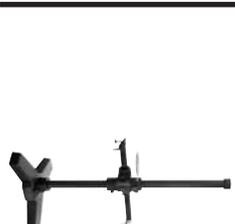
Spigot for diverse FOBA standard heads or customer-specific adapters

2 electrically adjustable axis

Base pedal to drive casters out for an easy displacement



| Summary - FOBA Studio Stands                            |  | Large cameras or sensors<br>Great working height | Middlweight cameras or sensors   | Lightweight cameras or sensors<br>High mobility                | ASLAI (Portrait-Pro)   |
|---|--|--|--|--|--|
| Characteristics   | AROBÉ (DSS-ALPHA)                      | AROBÓ (DSS-OMEGA)                                | ASABA  | AROBI (DSS-GAMMA)  | ASLAI (Portrait-Pro)   |
| Standard floor height on casters                        | 2.7 m ± 2 cm (8.9' ± 0.8")             | 2.85 m ± 2 cm (9.4' ± 0.8")                      | 2.5 m ± 2 cm (8.2' ± 0.8")   | 2.0 m ± 2 cm (6.6' ± 0.8")                                     | 1.82 m ± 2 cm (6.0' ± 0.8")                                    |
| Optional height, on casters                             | custom up to 3.6 m (11.8') or more     | custom, max. 2.85 m (9.4')                       | custom, max. 3.0 m (9.8')  | custom, max. 2.7 m (8.8')                                      | custom, max. 2.2 m (7.2')                                      |
| Immovable studio stand fixed with MUBOD, MIDEK or MUWAN | custom height up to 6.0 m (19.7')      | not available                                    | custom height up to 5.5 m (18.0')  | custom height up to 3.0 m (9.8')                               | not available  |
| Weight, standard stand                                  | 201 kg (443 lbs)                       | 128 kg (282 lbs)                                 | 96 kg (212 lbs)  | 77 kg (170 lbs)  | 45 kg (99 lbs)   |
| Standard lifting capacity                               | 11 kg (24.2 lbs)                       | 9 kg (19.8 lbs)                                  | 7 kg (15.4 lbs)  | 5 kg (11.0 lbs)  | 3 kg (6.6 lbs)   |
| Additional counterweights                               | ASGUO, 5 kg (11 lbs)                   | ASGUO, 5 kg (11 lbs)                             | ASOBO, 2.7 kg (6.0 lbs)  | ARTEA, 2.0 kg (4.4 lbs)  | not available  |
| Vertical displacement above floor at standard height    | approx. 60 cm – 240 cm (23.6" – 94.5") | approx. 50 cm – 250 cm (19.7" – 98.4")           | approx. 45 cm - 230 cm (17.7" – 90.6") with ASOBU approx. 55 cm - 240 cm (21.7" – 94.5") | approx. 40 cm - 180 cm (15.7" – 70.9")                         | approx. 40 cm - 165 cm (15.7" – 65.0")                         |
| Swivelling shaft  | yes, on crosspiece                     | yes, on crosspiece                               | with optional shaft rotating platform ASOBU  | yes, on crosspiece   | yes, on crosspiece   |
| Beam length   | 110 cm (43.3", without spigots)        | 110 cm (43.3", without spigo!)                   | 100 cm (39.4", without spigots)  | 90 cm (35.4", including platforms)                             | 90 cm (35.4", including platforms)                             |
| Horizontal beam displacement                            | 68 cm (26.8")                          | 68 cm (26.8")                                    | 64 cm (25.2")  | 47 cm (18.5")  | 47 cm (18.5")  |
| Max. shaft diameter                                     | 124 mm (4.9", hex pipe)                | 124 mm (4.9", hex pipe)                          | 91 mm (3.6", hex pipe)   | 82 mm (3.2", hex pipe)   | 65 mm (2.6", pipe)   |
| Min. shaft diameter d                                   | 108 mm (4.3", hex pipe)                | 108 mm (4.3", hex pipe)                          | 80 mm (3.1", hex pipe)   | 72 mm (2.8", hex pipe)   | 65 mm (2.6", pipe)   |
| Max. beam diameter (hex pipe)                           | 82 mm (3.2")                           | 82 mm (3.2")                                     | 57 mm (2.2")   | 57 mm (2.2")   | 57 mm (2.2")   |
| Outer spigot diameter                                   | 51 mm (2.0")                           | 51 mm (2.0")                                     | 41 mm (1.6")   | platform   | platform   |
| Standard beam ends                                      | 2 spigots                              | 1 spigot, optional second spigot                 | 2 spigots  | 2 platforms: beam with 1 or 2 spigots available (extra charge) | 2 platforms: beam with 1 or 2 spigots available (extra charge) |
| Tray fitting(s)   | 4                                      | 2  | 1 holder ABTAO (optional)  | 2  | 2  |
| Built-in ruler on shaft                                 | mm and inches                          | optional   | optional   | mm   | not available  |
| Built-in ruler on beam                                  | mm                                     | optional   | optional   | mm   | optional   |
| Rotation gauge on beam                                  | 360° (1° sections)                     | optional   | not available  | 360° (5° sections)   | not available  |
| Rotation gauge on spigot                                | 360° (5° sections)                     | 360° (5° sections)                               | not available  | no spigot  | no spigot  |
| Pedal type, standard base                               | double                                 | rotating   | rotating   | double   | individual caster lock   |
| Shock absorber, standard base                           | yes                                    | no   | no   | yes  | not available  |
| Other cast-iron base available                          | no                                     | no   | yes: ARBOF   | yes: ASABA base, ARBOF   | yes with flange ASLEI, ASABA or AROBI base, ARBOF              |



## REPRO

Copy stand, very sturdy and stable, based on the studio stand ASABA. The shaft in the typical FOBA hex steel pipe can hold without problem the heaviest cameras. Beam and crosspiece are mounted on ball bearings, all movements are smooth and almost effortless thanks to the counterweight inside the shaft. Cameras can be mounted on both sides of the beam.

Elements of the COMBITUBE system\* can be fixed onto the wooden board.

|                            |                 |
|----------------------------|-----------------|
| Height:                    | 150 cm (4.9')   |
| Beam displacement:         | 23 cm (9.1")    |
| Standard lifting capacity: | 8 kg (17.6 lbs) |
| Camera thread:             | 3/8"            |
| (available on request      | 1/4")           |

|                             |                             |
|-----------------------------|-----------------------------|
| Dimensions of wooden board: | 70 x 110 cm (27.5" x 43.3") |
|-----------------------------|-----------------------------|

|         |                  |
|---------|------------------|
| Weight: | 37 kg (81.6 lbs) |
|---------|------------------|

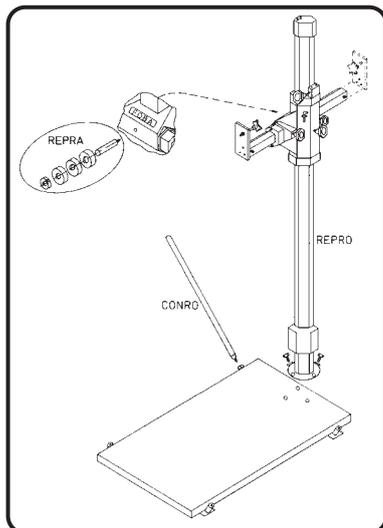
The holder ABTAO which is available optionally serves to fix the trays ARTEO/ARTEU onto the crosspiece.

On request and with an extra charge, the shaft can be mounted on the cast-iron base of AROBI or ASABA or on ARBOF for greater mobility.



Thanks to the COMBITUBE\* fittings on the wooden board, lamps can be mounted very quickly. Bracing it with a second COMBITUBE gives a very stable construction.

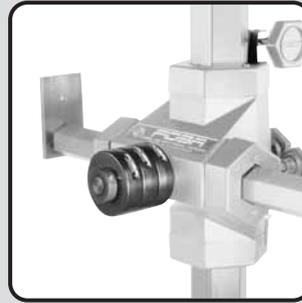
The weight kits DEBRA and DEBRI hold the document to be shot in a very planar position.



## REPRO accessories at a glance



With the manual fine drive, the camera can be adjusted vertically at the desired height above the board with high precision.



## REBRA

Set of counterweights for all cameras, consisting of rod, 3 individual weights CEGOE and safety ring CEGEE 30. To counterbalance light-weight cameras.

Total weight: 6.5 kg (14.3 lbs)



## CEGOE

Weight, 2 kg (4.4 lbs), for REBRA.

|            |                  |
|------------|------------------|
| Outer Ø:   | 9.8 cm (3.9")    |
| Hole Ø:    | 30 mm (1.2")     |
| Thickness: | 2.8 cm (1.1")    |
| Weight:    | 2.0 kg (4.4 lbs) |



## CEGEE 30

Safety ring for REBRA, hole Ø 30 mm

|         |                  |
|---------|------------------|
| Height: | 15 mm (0.6")     |
| Weight: | 150 g (0.07 lbs) |



## DEBRI

Small weights kit, 3 units. Front edge is beveled to prevent shadows. Particularly handy when using the copy stand REPRO for shooting.

|                |                                |
|----------------|--------------------------------|
| Small weight:  | 50 mm (2.0"), 175 g (0.4 lbs)  |
| Middle weight: | 100 mm (3.9"), 350 g (0.8 lbs) |
| Large weight:  | 200 mm (7.9"), 700 g (1.5 lbs) |



## DEBRA

Large weights kit, 3 units. Front edge is beveled to prevent shadows. Particularly handy when using the copy stand REPRO for shooting.

|                |                                  |
|----------------|----------------------------------|
| Small weight:  | 200 mm (7.9"), 700 g (1.5 lbs)   |
| Middle weight: | 300 mm (11.8"), 1050 g (2.3 lbs) |
| Large weight:  | 400 mm (15.7"), 1400 g (3.1 lbs) |

\* Visit [www.foba.com](http://www.foba.com) to learn more about the versatile COMBITUBE system

## Smart tripods

FOBA tripods are designed to accompany the professional everywhere and satisfy his every requirement - the tougher the better. They are sturdy and reliable even under the heaviest cameras, easy and quick to set up, and enjoy an unmatched lifespan. But the top asset of FOBA tripods against competing products is their compatibility with the legendary COMBITUBE\* system components. Just screw on one or several of the sturdy COMBITUBE components onto the tripod's individual legs and any FOBA tripod can be installed even in the most uneven places. COMBITUBE brings such creativity and variation to FOBA tripods that other products can only dream of.

### The tripod ALFAE is specially convenient for following applications:

- Shots with long aperture time: because of the stand's greater own weight less blurring occurs because of camera shakes due to the wind
- Panorama takes, because it is warp resistant
- Architectural takes. Thanks to COMBITUBE\*, the legs can be elongated and diagonally braced, making it stable even in high heights, thus surpassing obstacles in the way and allowing pictures of buildings and civil engineering works to be taken.



Thanks to the lateral 3/8" inner thread, the crank-operated rod ALFEA can be used as a horizontally sliding beam on all tripods and studio stands.



### ALFAE

Alu telescopic tubular tripod with three parts, can be extended almost at will by adding COMBITUBE\* components. Built-in bubble level. Three straddle positions, allowing a minimum height of 16 cm.

|   |                  |
|---|------------------|
| Max. standard height:   | 152 cm (5.0')    |
| Maximum height variable with additional COMBITUBE components: |                  |
| Minimum height:   | 16 cm (6.3")     |
| Length folded:  | 71 cm (28")      |
| Camera thread:  | 3/8"             |
| Max. load:  | 15 kg (33 lbs)   |
| Weight:   | 3.1 kg (6.8 lbs) |



### ALFEA

As additional shaft on the tripod ALFAE for an easy height adjustment of the camera up to 30 cm (11.8"). Very sturdy design. The self-locking rod is encased in a wedge-shaped guiding mechanism. Longer shaft for adjustment to up to 75 cm (29.5") available on request (extra charge).

|                              |                  |
|------------------------------|------------------|
| Additional height adjustment | 30 cm (11.8")    |
| Weight:                      | 2.3 kg (5.0 lbs) |

\* Visit [www.foba.com](http://www.foba.com) to learn more about the versatile COMBITUBE system



Always useful: removable rubber toe ASSME.



**ASGME**

Metallic point for tripod ALFAE / ASNIO, increases stability on any natural surface, even when extending the legs with COMBITUBE\*.

Weight: 20 g (0.04 lbs)



No limits! With COMBITUBE modular components.



**ASSME**

Removable rubber toe to be inserted on the metallic point ASGME. Prevents slipping and protects delicate floors.

Weight: 20 g (0.04 lbs)

With the COMBITUBE\* system, no obstacle is any longer insurmountable. If needed, the tripod legs can be mutually strutted with further COMBITUBE components for greater stability.



**ASNIO**

This agile mini tripod is extremely versatile thanks to its size and flexibility:

- Its legs can be swung up more than 90°.
- Unlimited leg extension with COMBITUBE\*.
- Leg diameter fits the COMBITUBE™ system for easy connection to any standing COMBITUBE construction. This flexibility makes shooting possible everywhere, however inaccessible.

With 3/8" and 1/4" camera screws.

Height: variable with COMBITUBE components.

Min. height: 10 cm (3.9")

Folded length: 30 cm (11.8")

Ø of legs: 25 mm (1")

Max. load: 60 kg (132 lbs)

Weight: 2.1 kg (4.6 lbs)



**ALFIA**

The horizontal sliding rod is especially useful if a horizontal mobility is needed along with the vertical one. Can be mounted on any tripod or studio stand.

Lateral displacement: 42 cm (16.5")

Weight: 1.3 kg (2.9 lbs)

Longer tube with up to 92 cm (36.2") lateral displacement available on request (extra charge).



The horizontal sliding rod ALFIA can be rotated 360° on the mounting clamp. Highly flexible shooting positions can be obtained in combining it with the panoramic adaptor ASTIU and the crank-operated rod ALFEA.

\* Visit [www.foba.com](http://www.foba.com) to learn more about the versatile COMBITUBE system

## Applications of camera supports

Beneath the traditional studio stands and tripods, FOBA offers a wide range of supports to fix cameras easily and securely in any kind of setting, even in those difficult to access.



Shooting of a car in motion: COMBITUBE\* elements, sucking cups, mini tripod ASNIO and ball head SUPERBALL M-2.



The camera can be mounted almost everywhere, with help of COMBITUBE\*, the screw-clamp COGAE and the camera plate CESTU.



Lamp stand STARI 2 with interchangeable adapter CEBLO 3/8 and ball head SUPERBALL M-1: ideal for shootings in portrait studios. Easy vertical and sideways movement of the camera. Furthermore, one hand is free which can then guide the attention of the model to the camera.



### Special application for a museum

Camera mounted on the ceiling, can be controlled and moved motor-driven in two directions, perpendicular to one another: Ball head SUPERBALL, mounted onto a trolley REGIE which is moved by the motorised trolley RUGAI on the ceiling rail REGUE of the ceiling rail system\*\* MEGA-TRACK. The ceiling rail REGUE itself is also moved motor-driven back and forth with RUGAI.

With FOBA's standard components, almost nothing is impossible !

\*\* For more information on FOBA's modular, space-saving ceiling rail systems, visit [www.foba.com](http://www.foba.com)



Space-saving and very flexible when shooting in low positions:

- STARE small dolly
- CESRU weighting plate
- COMBITUBE\*
- CEONO sliding clamp
- CEBLO 3/8 interchangeable adapter
- BENTA ball head SUPERBALL M-1



For small movements and precise adjustments of the camera, the perfect tool is the progressive articulated arm CIBAO, shown here with support CIBAF and interchangeable adapter CEBLO ¼.



The clamp stand ASNEO is very sturdy and can be elongated with extension tubes ASNEU. Shown here with tilting head ASMIO and acrylic cone DUPLI (ideal for shootings of jewellery, watches, etc.).



Flexible and firm: Support BALGO with ball head SUPERBALL.



### ASNEO

Clamp mounting for fixing cameras practically anywhere: on railings, ladders, window frames, tables, etc. This accessory is extremely useful for open-air photography in difficult situations where normal 3-legged tripods cannot be used. It is very stable, however strong the winds are. The ASNEA clamp and ASNAO camera mounting are also available separately. The tube can be mounted on the clamping piece horizontally as well as vertically. The tube can be extended with the extension tube ASNEU.

|   |                   |
|---|-------------------|
| Operable length of tube:                                | 27 cm (10.6")     |
| Max. aperture:  | 73 mm (2.8")      |
| for flat assemblies and for 60 mm (2.3") diameter tubes |                   |
| Inner thread of tube and of clamp ASNEA:                | M6                |
| Total weight:   | 1.45 kg (3.2 lbs) |



### ASNEU

Additional extension tube for ASNEO clamp stand. Several ASNEU can be screwed together. Very sturdy, high accuracy finish.

|                |                  |
|----------------|------------------|
| Useful length: | 27 cm (10.6")    |
| Weight:        | 330 g (0.73 lbs) |



The clamp mounting ASNEO is so sturdy that even cameras with extended lenses can be fixed in a very stable way absolutely free of wobbling.

\* Visit [www.foba.com](http://www.foba.com) to learn more about the versatile COMBITUBE system

## Index of products

| Product  | Page                  | Description   |
|----------|-----------------------|---|
| ABTAO    | 7, 15                 | Holder for ARTEU/ARTEO to ASABA/REPRO                           |
| ALFAE    | 16, 11, 17            | Alu tubular tripod, threepart                                   |
| ALFEA    | 16, 17                | Crank-operated rod for ALFAE                                    |
| ALFIA    | 17                    | Horizontal sliding rod  |
| ARBAE    | 5                     | Rotating platform, crank-operated, for AROBE/AROBO              |
| ARBAO    | 5                     | Extended rotating platform, crank operated, for AROBE/AROBO     |
| ARBEA    | 5                     | Beam extension for AROBE/AROBO                                  |
| ARBEO    | 5                     | Extended rotating platform for AROBE/AROBO                      |
| ARBOE    | 5                     | Rotating upright for AROBE/AROBO                                |
| ARBOF    | 10, 6, 8, 9, 15       | Cast-iron base for stands, large casters, 3 additional weights  |
| ARBOU    | 7, 5                  | Adapter sleeve for ASABA beam, plastic                          |
| AROBA    | 5, 12                 | Rotating platform for AROBE/AROBO                               |
| AROBE    | 4, 14, 10             | DSS ALPHA studio stand, standard, 1 AROBA incl.                 |
| AROBE M  | 12                    | DSS ALPHA M studio stand, standard, 4-way motorization          |
| AROB     | 8, 14, 10             | DSS GAMMA studio stand, standard                                |
| AROBO    | 5, 14, 10             | DSS OMEGA studio stand, standard, AROBA incl.                   |
| ARTEA    | 8                     | Additional counterweight for AROBI 2.0kg                        |
| ARTEI    | 5                     | Lifting/lowering piece for AROBE/AROBO                          |
| ARTEO    | 11, 4, 5, 7, 8, 9, 15 | Round tray  |
| ARTEU    | 11, 4, 5, 7, 8, 9, 15 | Holder for laptops, 17"   |
| ARTIO    | 11                    | Holder for trays ARTEO/ARTEU, bottom with 3/8" tap              |
| ASABA    | 6, 14, 10             | Studio stand 2.5 m, standard, 1 ASOBA incl.                     |
| ASABA M  | 13                    | Studio stand, standard, 2-way motorization 1 ASOBA incl.        |
| ASGEE    | 7                     | Beam extension for ASABA  |
| ASGEO    | 7                     | Extended rotating platform for ASABA                            |
| ASGME    | 17                    | Tip for COMBITUBE and ALFAE / ASNIO tripods                     |
| ASGUO    | 5, 12                 | Additional counterweight for AROBE/AROBO 5 kg                   |
| ASLAI    | 9, 14, 10             | Portrait Pro studio stand, standard                             |
| ASLEI    | 9                     | Adapter flange for ASLAI shaft on AROBI/ASABA/ARBOF base        |
| ASMAE    | 7                     | Lifting/lowering piece for ASABA                                |
| ASNEO    | 18                    | Clamp stand   |
| ASNEU    | 18                    | Extension tube to ASNEO clamp stand, 27cm                       |
| ASNIO    | 17, 18                | Mini tripod, extra sturdy, multi purpose, adapted for COMBITUBE |
| ASOBA    | 7                     | Rotating platform for ASABA                                     |
| ASOBE    | 7, 6                  | All-purpose tray for ASABA                                      |
| ASOBO    | 7                     | Additional counterweight for ASABA 2.7 kg                       |
| ASOBU    | 7, 6                  | Rotating platform for ASABA shaft                               |
| ASSME    | 17                    | Removable rubber cap for tip ASGME                              |
| ASTIU    | 11, 17                | Panoramic adapter   |
| BALGI    | 11                    | Adapter, top 1/4" thr., bottom 3/8" tap                         |
| BALGU    | 11                    | Adapter, top 5/8" thr., bottom 3/8" tap                         |
| CEGEE 30 | 15                    | Safety ring, hole Ø 30mm  |



Tactile inspection of the imbalance of high-precision components: four studio stands act as a stable holder for the sensitive sensors.



Analysis of a drawing under a microscope: comfortable and efficient way of working thanks to the stable and precise studio stand.

| Product | Page  | Description                                       |
|---------|-------|---|
| CEGOE   | 15    | Weight 2 kg, hole Ø 30 mm                         |
| CEHUA   | 11    | Exchange sleeve 18 mm, bottom tapped 3/8"         |
| CEHUO   | 11    | Exchange sleeve 18 mm, bottom COMBITUBE           |
| COFLA   | 11    | Fleece stickers, set of 8, to COFLA, COMEN, ARTEU |
| DEBRA   | 15    | Weights, beveled edge, large, set of 3            |
| DEBRI   | 15    | Weights, beveled edge, small, set of 3            |
| MUBOD   | 11    | Shaft fitting, floor, specify shaft diameter      |
| MUDEK   | 11    | Shaft fitting, ceiling, specify shaft diameter    |
| MUWAN   | 11    | Shaft fitting, wall, specify shaft diameter       |
| REPRE   | 15    | Counterweights set 6.5 kg for REPRO               |
| REPRO   | 15, 7 | Copy stand (wooden board included)                |

### Did you want to know more about FOBA products mentioned without detailed description in the current catalogue:

| Product   | Mentioned on page | Description   | Find more in catalogue              |
|-----------|-------------------|---|-------------------------------------|
| ASMIO     | 18                | Tilting head  | Tripod Heads                        |
| ASNAO     | 18                | Camera holder, separate, to ASNEO                               | Tripod Heads                        |
| ASNEA     | 18                | Clamp, separate, to ASNEO                                       | Tripod Heads                        |
| BALGO     | 18                | Support for tripod heads, floor or table                        | Tripod Heads                        |
| BENTA     | 18                | SUPERBALL M-1 with camera plate                                 | Tripod Heads                        |
| CEBLO 1/4 | 18                | Interchangeable adapter Ø18mm, top 1/4" thread, bottom 3/8" tap | COMBITUBE                           |
| CEBLO 3/8 | 18                | Interchangeable adapter Ø 18 mm, top 3/8" thread                | COMBITUBE                           |
| CEGOU     | 12                | Sliding weight 2 kg, inner-Ø 25 mm for COMBITUBE                | COMBITUBE                           |
| CEONO     | 18                | Sliding clamp for COMBITUBE, hole Ø 25mm                        | COMBITUBE                           |
| CESRU     | 18                | Weighting plate 9.4 kg, for CESRA / STARE                       | COMBITUBE                           |
| CESTU     | 18                | Camera plate for COMBITUBE                                      | COMBITUBE                           |
| CIBAF     | 18                | Support, middle size, 2.5 kg with male COMBITUBE connector      | COMBITUBE                           |
| CIBAO     | 18                | Articulated arm, progressive, sturdy                            | COMBITUBE                           |
| COBAC     | 12                | Male COMBITUBE-Adapter, bottom tapped 3/8"                      | COMBITUBE                           |
| COFLA     | 11                | Holder plate with Velcro incl. set of 8 fleece stickers         | COMBITUBE                           |
| COGAE     | 18                | All-purpose screw clamp, aperture 45 mm                         | COMBITUBE                           |
| COMEN     | 11                | Holder kit with touch fastener and gooseneck arm                | COMBITUBE                           |
| COTMA AS  | 12                | COMBITUBE 6 cm, alu black                                       | COMBITUBE                           |
| DUPLI     | 18                | Acrylic cone, small   | Studio backgrounds, Shooting tables |
| REGIE     | 18                | Trolley with COMBITUBE connector MEGA-TRACK                     | Ceiling Rail Systems                |
| REGUE     | 18                | Ceiling rail 6 m, steel, MEGA-TRACK                             | Ceiling Rail Systems                |
| RUGAI     | 18                | Motorized 24 V trolley, MEGA-TRACK                              | Ceiling Rail Systems                |
| STAPI     | 11                | Telescopic upright, COMBITUBE conn.                             | Studio backgrounds, Shooting tables |
| STARE     | 18                | Dolly, small, for COMBITUBE (Ø 25 mm)                           | Studio backgrounds, Shooting tables |
| STARI 2   | 18                | Lamp stand on casters, 2.0 m with sliding clamp SAONO           | Studio backgrounds, Shooting tables |

## FOBA quality for professionals

Stands and tripods have been FOBA's specialty for many years. State-of-the-art technology and finishing methods enable a degree of precision way beyond the customary values encountered in most studio stands. Even the largest and heaviest studio stands can be moved with minimum effort.

For the photographer, FOBA has more to offer than just stands and tripods. It provides a wide range of professional appliances. Beside FOBA's well-known, modular assembly system COMBITUBE, FOBA's name also stands for reliable and sturdy swiveling tripod heads SUPERBALL, for polyvalent ceiling rail systems ROOF-TRACK and MEGA-TRACK, for modular turntable equipment as well as for complete studio set-up.



### FOBA studio stands - the reliable ones

| Contents                               | page    |
|--|---------|
| - Features of studio stands            | 3       |
| - Studio stands:                       |         |
| - DSS ALPHA (AROBÉ)                    | 4 + 5   |
| - DSS OMEGA (AROBO)                    | 5       |
| - ASABA                                | 6 + 7   |
| - DSS GAMMA (AROBÍ)                    | 8       |
| - Portrait Pro (ASLAI)                 | 9       |
| - Special base ARBOF for studio stands | 10      |
| - Studio stands accessories            | 11      |
| - Motorised studio stands:             |         |
| - DSS ALPHA M (AROBÉ M)                | 12      |
| - ASABA M                              | 13      |
| - Technical Data of studio stands      | 14 + 10 |
| - Copy stand                           | 15      |
| - Tripods                              | 16 + 17 |
| - Camera supports                      | 18      |
| - Index of products                    | 19      |

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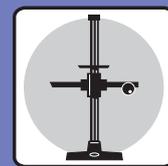
## STUDIO-TECHNOLOGY

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- greater stability

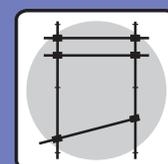
## FOBA product lines



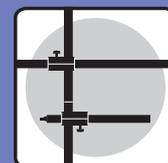
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FOBA PIEDS À COLONNE, TRÉPIEDS



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