

BALANCE[®]



STABILIZATION SYSTEMS





THE EVOLUTION OF COMFORT

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STABILIZATION TECHNOLOGY

perfect leveling

damping up to 99%
max boat heeling up to 35°



no spool-up time

only 5 seconds to start and
use the stabilized surface



silent automation

fast and smooth motion,
totally noiseless



ultra-low consumptions

average 3-4 Wh
per Kg payload



sail or motor

all products are very compact
and lightweight so to fit any
kind of vessel



high-tech

proprietary PC-Board and
software, refined mechanics,
high-end sensors



plug&play

easy installation,
no set-up required,
24V power supply



maintenance free

our products are designed to
last over time without mainte-
nance



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COFFEE
TABLES

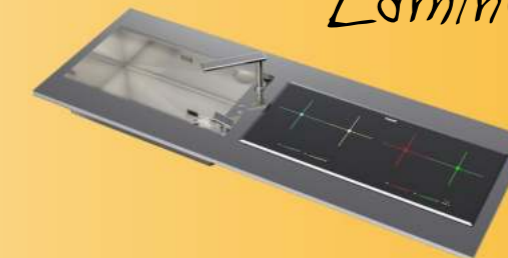
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Aero
single

BEDS
SOFABEDS

Swing



SWING is self leveling cockpit table especially designed for sail yachts.

The stabilization system inside the table drives the tops and keeps them always horizontal and so usable when the boat heels or rolls.

The table is finally a safe area where place objects, have lunch without worrying about your glass of wine.

Aesthetics and mechanics merged into a piece of art that does not go unnoticed.





folding tops

allow an easy passage fore-aft, are equipped with lock in open and closed position.

handrails and footrails

sturdy, double, elegant and strong, very useful in many situations.

lights

two adjustable lights (in the handles) illuminate the table tops, two courtesy lights illuminate the floor.

storage

SWING has four pockets and one locker in the center, with elegant retractable doors.

patented

the table has patented motion geometries: the table tops are always at the same distance from the legs of those who sit, both sides.

custom

we realize your dream table: you can choose shape, dimensions, materials.





roll damping
max roll reduction 99%
average 95% minimum 92%



performance
max roll speed: 30 °/s
max boat roll angle: +- 20°



consumption
typical 4 Amp (10kg payload)
max 10 A



power
200 W @ 24V



dimensions
length: 100 to 200 cm
width open: 100 to 200 cm
width closed: 40 to 140 cm



payload
10 kg per top
20 kg total



weight
80 kg



Tango



TANGO is the table which transforms the cockpit into a relax area. Four extensions come out directly from under the tops and the tabletop reaches the length of 190cm.

The extended table accommodates up to 10 people and can be lowered electrically at benches height, becoming a comfortable and protected sundeck. TANGO is fully customizable and can be also in stabilized version.

fridge
five-bottles wine fridge is accessible from the top center of the table.

extensions
the table extensions are independent and add one place each.

walkable
when lowered at benches level the tops bear the weight of three people.

courtesy light
dimmerable led lights are both under the table and inside the fridge.

optionals
USB sockets, bluetooth audio system, phone recharge station.





dimension

length: 120 - 190 cm
width open: 150 cm
width closed: 36 cm



led lights

courtesy light and fridge light:
2x10 W @ 24 V



consumption

up-down: 200 W @ 24V
fridge: 50 W @ 24V



table height

fully adjustable:
from 40 to 75 cm



payload

when lowered at benches level:
3 people - 250 Kg



fridge

17 liters
5+ wine bottles



weight

80 Kg

Aileron



This innovative pedestal easily turns your onboard coffee-table into an always horizontal supporting plane able to keep safe and still any object even in strong wind and sea conditions. It can be easily installed onboard boats of any size, motor or sail.

The whole automation is inside the pedestal, which is designed for an easy and quick installation both in the cockpit and below deck.

When the automation is active the use of the table increases safety for guests.

Comfort resulting from the use of a stabilized table changes for the better the way you enjoy navigations.

Consumptions are proportional to the boat's roll angular speed. In medium rolling conditions its average consumption is lower than that of a laptop computer charger.

AILERON, the easiest way to stabilize your life onboard.



CHOOSE YOUR AILERON

ONE COLOR, ONE TABLE



EASY INSTALLATION

screw the pedestal to the floor and to the tabletop and connect to the 24V power. AILERON is now ready to use.

CUSTOMIZABLE

choose AILERON's finishings: top material, color, height and shape.



performance

max roll speed: 30 °/s
max boat roll angle: +- 25°



power

100 W @ 24V DC



payload

10 kg (+ the tabletop)



maintenance free

one visual inspection
every year



consumption

typical 2 Ah (5kg payload)
max 5 Ah / 24V



dimensions

square section 25x25 cm
height 38 cm or more



roll damping

max roll reduction 99%
average 95% minimum 92%



safety

anti-crushing bellows
emergency stop

Sfera



SFERA is the table that brings your “comfort area” to the next level. It’s a multifunction coffee-table for both motor and sailing yachts. Electronically stabilized, it has integrated audio system, recharge station on the table’s top center and courtesy light. The stylish shape enriches fly-bridges and saloons with a touch of italian design.

stabilized

the table top is always flat when the boat rolls.

bluetooth audio system

connect your devices to the audio system and play your music next to you.

wireless charging station

lay your smartphone on the table top, it will be recharged while you sunbath.

led light

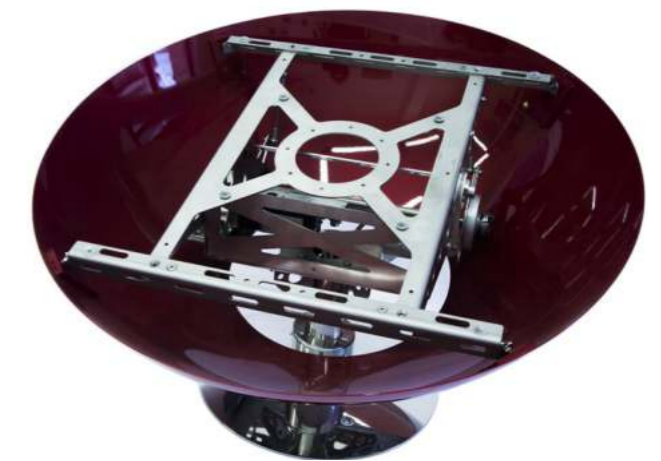
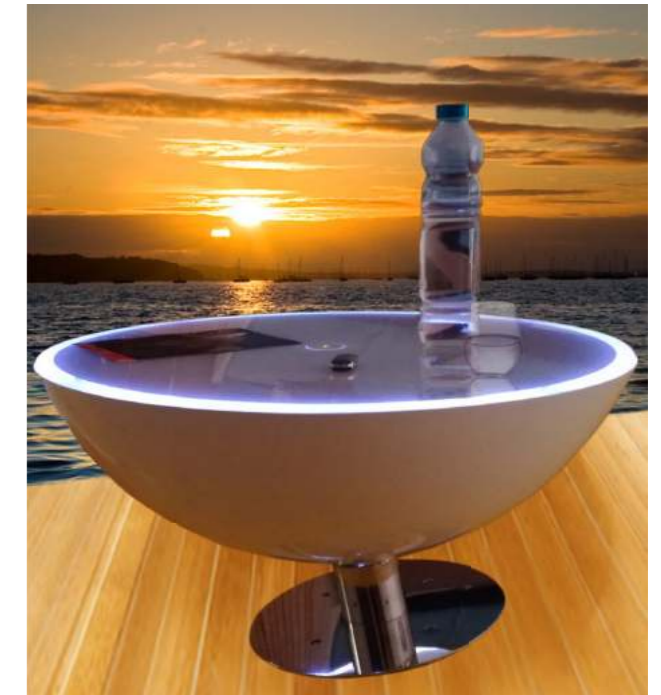
the outer ring of the tabletop is a elegant courtesy light, RGB.

remote control

switch on-off by remote wireless control.

awarded

SFERA won the Innovative Design Technology Award 2019 from ADI.





MULTIFUNCTION COFFEE TABLE

a relax area like never before



performance

max roll speed: 30 °/s
max boat roll angle: +- 25°



power

100 W @ 24V DC



consumption

typical 2 A (10 kg payload)max
10 A / 24V



dimensions

diameter 85 cm
height 40 cm



payload

10 kg



maintenance free

one visual inspection
every year



roll damping

max roll reduction 99%
average 95% minimum 92%



safety

anti-crushing bellows
protection class IP 65

Flat



FLAT is the world's first and only electronic gimbal system for hobs.

The automation keeps the cooktop perfectly leveled in any rolling condition, making the cook's job easier and safer.

The compact design and flush-top installation facilitate the integration of the gimbal cooktop into the galley's worktop, for an unprecedented aesthetic result.

FLAT rewrites the rules. All.





matchless performance
the stabilization system cuts 95-99% of the boat roll from the cookers. Your pots will be safe even without pan holders.

any cooktop
you can finally choose the cooktop's brand and model you prefer.

gas or induction
our standard models mount Foster's cooktops and you can choose 3-4-5 or more burners, gas or induction.

low footprint
FLAT needs only 25 cm under the work top.

perfect leveling
the weight of the pots on the cookers does not alter the leveling.

lengthwise and crosswise
FLAT can be installed both in longitudinal or transversal position.

noiseless
the system is silent and consumes less electricity than your laptop.

awarded
FLAT received the nomination at Qualitec Design Awards 2018.



ITALIAN TASTE

The craftsmanship of FOSTER, a specialist in the processing of stainless steel for kitchens, blends with BALANCE's innovative technology to create products of high aesthetic value and great performance.

Foster



performance

max roll speed: 30 °/s
max boat roll angle: +- 25°



consumption

typical 2 Ah
max 5 Ah



payload

10-15 kg
(depends on the model)



roll damping

max roll reduction 99%
average 95% minimum 92%



power

stabilizer 100 W @ 24V DC



dimensions

50x50x25cm (3burners)
64x55x25cm (4 burners)
other dimensions on request



maintenance free

one visual inspection
every year



safety

anti-crushing protection, elec-
tronic protection

Laminar



LAMINAR is the worktop that revolutionizes the galley on board every yacht. Equipped with our mechatronic stabilizer, LAMINAR is a high-tech worktop which is always horizontal when the boat heels with roll angles of up to 25°.

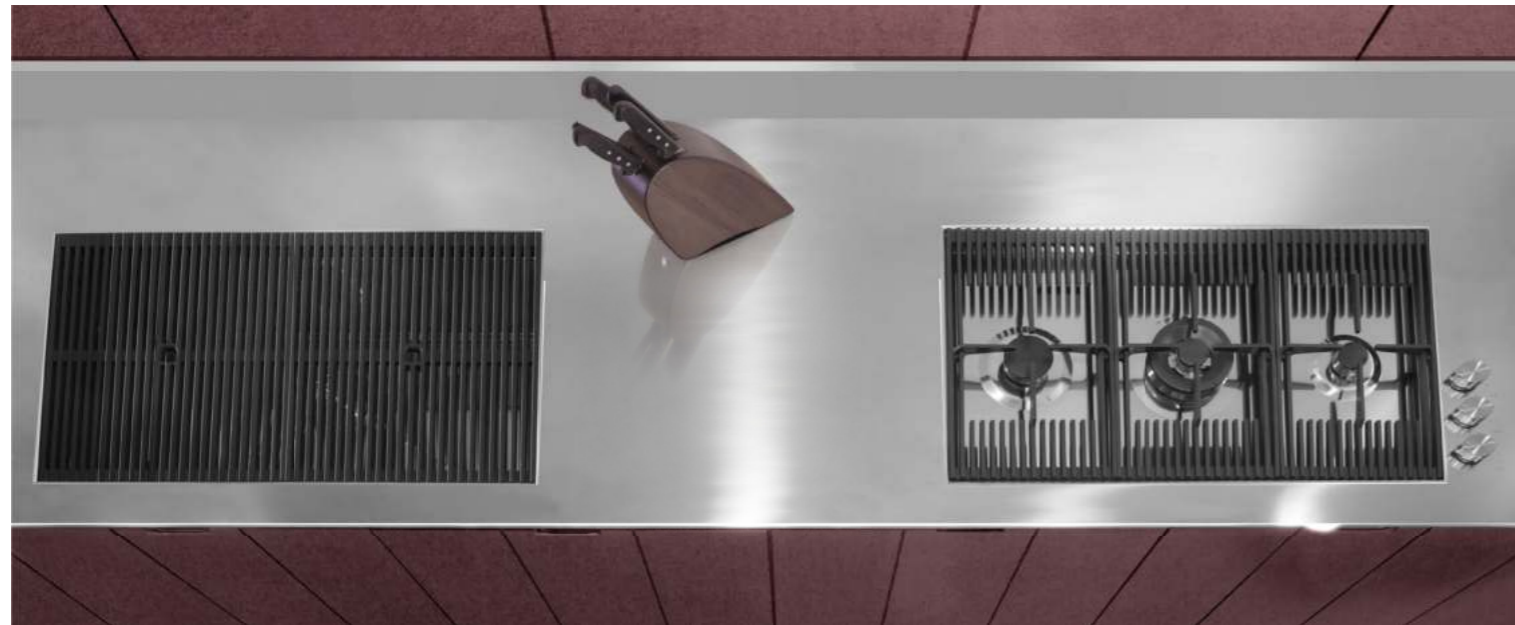
LAMINAR is an “always-safe” support surface, practical in all wind and wave conditions, at anchor or while sailing. Your cook will thank you while using it!

The mechanics need a limited space under the top while the rest of the undertop volume can be used as normal storage.

The automation is totally silent.

Fully customizable in materials and sizes, it can be equipped with sink and hob. LAMINAR, the workspace that was missing in your galley.





you choose

The worktops in the pages are just a few examples of what we can realize by welding together a wide range of sinks and hobs, in order to obtain a sole integrated stainless worktop.

Each custom made worktop is a unique artifact thanks to variations and combinations of different surface finishes, structural alternatives under the steel surface and a full range of built-in products.

Each sink can be equipped with a wide range of accessories.





Foster 

Thanks to the collaboration with Foster we create custom stainless steel galley countertops with integrated “MILANELLO” workstation sink and cooking area for a unique design.

DESIGN AWARDS WINNER 2019



performance

max boat roll speed: 25 °/s
max boat roll angle: +- 25°



consumption

typical 4 Ah (200W motor)
8 Ah (400 W motor)



payload

12-40 kg
(depends on the model)



roll damping

max roll reduction 99%
average 95% minimum 92%



power

200 W @ 12/24V DC or
400 W @ 12/24V DC



dimensions

custom
min 120x60cm
max 250x80cm



maintenance free

one visual inspection
every year



safety

anti-crushing protection, elec-
tronic protection



Aero



It's hard to have a good sleep during a long sailing passage or a night at the anchor in rolling conditions.

Thus was born AERO, the stabilized bed able to neutralize boat's roll and pitch motions.

The stabilization system is silent and fully automatic.

Just press a button to sleep like at home. Furthermore AERO cures seasickness in few minutes: just lay down, you'll immediately feel the benefits.

one or two axis

AERO is in three versions:
single bed or sofa bed
double bed 190x200cm - roll axis
double bed 190x200cm - roll&pitch axis

silence

All mechanical and transmission parts are acoustically insulated with a soundproof lined casing. Moreover the moving part of the bed's frame and the electric actuator are on silentblock to completely cut the vibrations.



performance

max boat roll speed: 20 °/s
 max boat roll angle: +- 15°
 lightweight bed frame



dimensions

single bed 80x200cm
 double bed 190x200cm
 other dimensions on request



consumption

typical 2,5 A / 230V AC (double bed)
 1,5 A / 230V AC (single bed)



payload

single bed 120 kg
 double bed 250 kg



power

1000 W @ 230V AC single bed
 1700 W @ 230V AC double bed
 2700 W @ 230 VAC two-axis bed



safety

electronic anti-crushing barriers, protected bellows, emergency stop



roll damping

max roll reduction 99%
 average 95% minimum 92%



maintenance free

one visual inspection every year



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BALANCE

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