



grisverd

Sustainable Urban Furniture

CATALOGUE

INNOVATIVE
SOLUTIONS
FOR OUTDOOR
EQUIPMENT



ABOUT US

Following on from a strategic reflection, GRISVERD Mobiliari Urbà Sostenible was set up in 2009 as a new business division of Alazor, S.L., a renowned company in the metal industry. We believe that sustainability is the way forward to ensure that future gene-

rations can, in the very least, benefit from the same natural resources as we have. With this in mind, we have designed and manufactured a line of environmentally-friendly street furniture, based on principles such as sustainability, design, multifunctionality, anti-vandalism and non-maintenance of the product. Quality is one of the basic pillars of our company. We have been awarded a Quality Management System certificate as per the requirements of ISO 2001:2008. Design is another of the company's strategic areas and a distinguishing feature in our products. Indeed, we work with renowned professionals. We were recognised by the Ministry of Employment of the Generalitat on the context of the "Improvements to working conditions" programme in 2009 and 2010. We received the ENTREPRENEUR award from the Business Confederation of Tarragona Province at the 10th CEPTA Business Night. We were awarded the INNOVATION prize (industry) at the 2010 Cambra awards. We obtained first and second prize in product category at the 2nd EBREMBIENT sustainability awards. Our Nuú bench was certified at the 2011 DELTA awards exhibition and we received an honourable mention at the DESIGN FOR RECYCLING AWARDS 2013 held by the Catalan Waste Agency and the ADI-FAD industrial design association.





ASUN COLOM

Asun Colom is the person in charge of administration, quality and marketing. She is a company and tourist activities technician and with a degree in business studies. She believes that training is the best input for a company. Constant innovation and adaptation is the best resource, even when there are others. She is very sensitive towards the environment and believes that another world is still possible. She applies the “Plan-Do-Check-Act” philosophy at all levels.

JOSEP ORIOL

Josep Oriol is the manager and person in charge of production. His professional training and, especially, the experience gained in several fields of the metal sector has enabled him to “play” with the pieces he produces. He enjoys working and this can be seen in the final object. He is constantly involved with his work team.

OUR HISTORY

In 1865 a lineage of iron workers and craftsmen was established in Gandesa (Tarragona) who embarked on trades pertaining to the time. Santiago Oriol i Sabaté, born in 1897, arrived in Barcelona and began working at Bonaventura Batlle's workshop, personally cooperating with Antoni Gaudí in artistic forging, leaving a recognisable mark in Parc Güell and also, especially, at Casa Vicenç in Barcelona. Years later, his son would set up the industrial company Alazor, C.B., which would also be devoted to the activity of ironwork for industrial vehicles, in 2003 receiving a mention from the Ironworkers Guild of Catalonia. Years later, Josep Oriol Costal would channel all the activity towards the manufacturing of bodywork for industrial vehicles, the assembly of cranes, tippers and elevating platforms. In 1999 Carrosseries Alazor, S.L. was set up and all the shares were handed over to the family. With Assumpció Colom joining the Administration and Quality department a business diagnosis was carried out. As a result, the production plant was restructured and the company was certified according to ISO 9001:2000 quality management standard. In 2009 a new production line was identified, covered by the GRISVERD brand, devoted to the manufacturing of sustainable street furniture.



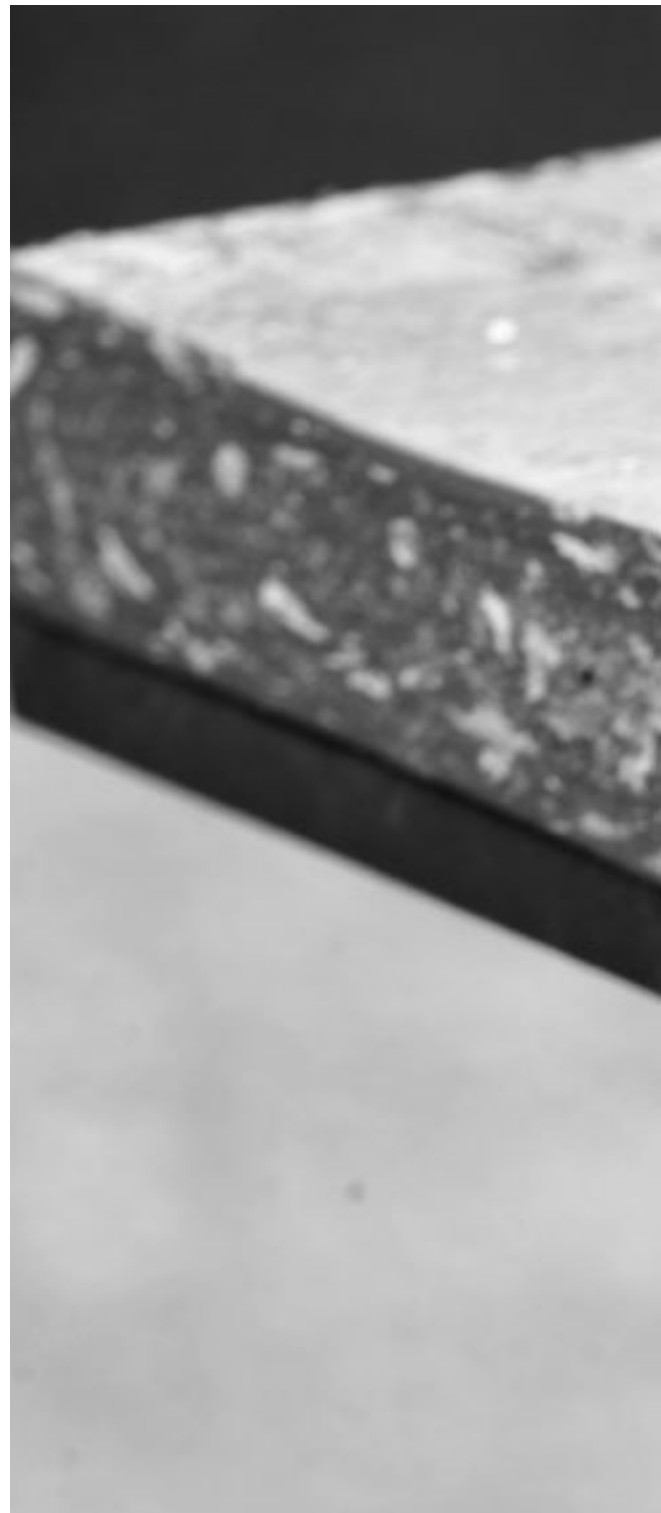
OUR VALUES



We are committed to a sustainable development model with responsibility, legitimacy and social cohesion in the financial, social and environmental areas. We value person to person relationships with our customers and suppliers as a key component in business relations. We continuously improve our products and services thanks to the constant involvement and adaptation of our team to market demands. We are proud of what we do; we love our job; we are honest, serious and rigorous.

THE SUSTAINABLE AND QUALITY PROCESS

The street furniture sector is well established in Catalonia with a clear social and environmental repercussion. Urban objects are products aimed at meeting collective needs and they are acquired and managed by local administrations. Traditionally, street furniture elements have had to meet two requirements: being long-lasting and resistant to adverse conditions (weather and vandalism) and needing minimum maintenance. These criteria are based on the use of these elements, the main aim of which is to save money. These deficiencies and the impact thereof on the environment can be anticipated and minimised during the design of these urban elements. As far as environmental aspects are concerned, the comprehensive environmental improvement of street furniture can only be achieved from a global perspective of the flows of energy and material associated with these products throughout all the stages of their life cycle (from the obtainment of raw materials to the management of waste, including their manufacturing, distribution, installation, maintenance and uninstallation). Although the environmental impacts associated with the products take place throughout all the stages of their life cycle, the only moment when all these stages can be taken into consideration is at the design stage. Therefore, in order to achieve a real environmental improvement of street furniture we need to consider all the stages of its life cycle during the design stage.





During the creative process, Grisverd engages in a functional commitment to achieving a highly moving craft-based outcome, per chance having a bearing on the determination of shapes, lines and surfaces, etc. This commitment to craftsmanship is especially significant when it comes to design in order to produce a fully functional and aesthetically fitting product. The visual concept and formal balance are tools that the industrial designer at Grisverd brings together to find the best solution for a given problem through design. This creative drive, as you will see, is present in each and every one of Grisverd products. We at Grisverd believe in design as a key factor for the growth of a company. Thus, Grisverd's street furniture incorporates industrial design, not as a superfluous element added to the objects once they are finished to make them look nicer, but as a discipline that is intrinsically integrated into the creative process. In order to achieve this, Grisverd cooperates with a series of external industrial designer teams and acknowledged designer schools, whilst developing products designed by its own technical team.

We have adopted the "Lean Production" system, which is considered to be the most effective and innovative production system, avoiding wastage due to excess production, waiting times, transportation, stock, unsatisfactory products and staff underuse, thereby attaining high productivity. Initiatives aimed at continuous improvement of products and services are: Keeping installations in optimal conditions, ensuring a good working environment, continuously assessing materials and suppliers, carrying out preventive maintenance of machinery, establishing a training plan for employees, manufacturing instructions to ensure client requirements are met in the production process avoiding defective work and ongoing innovation in terms of processes and products.

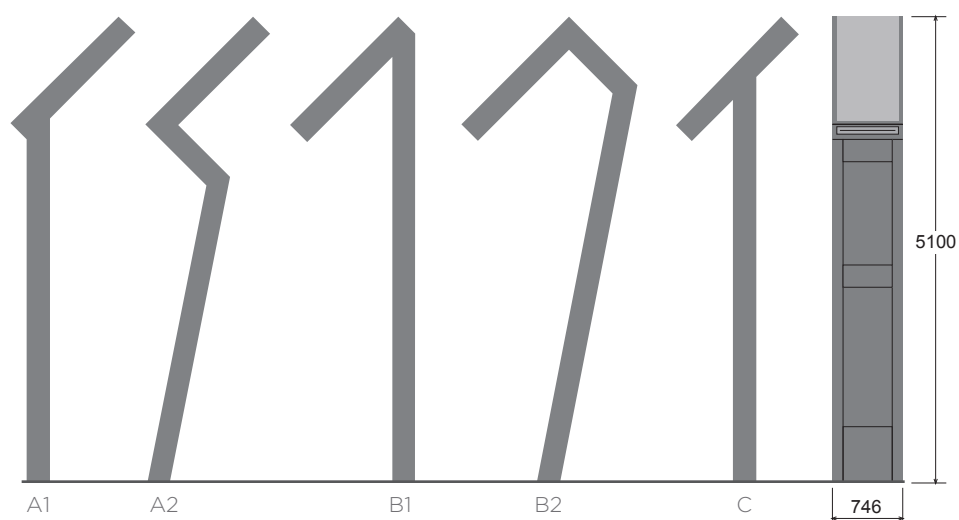




TOTEM

Design by GRISVERD

The main features of the Totem units are the capability to illuminate without being connected to the grid and their multifunctionality since seats, bins and planters may be attached to them and they can be used as an excellent advertising medium. They are conceived to be placed in spaces where they can architecturally express themselves. They are manufactured in corten steel in order to minimise maintenance.



TYPE	REF.	
Solar street lamp	TOT-A1	Autonomous solar street lamp with no connection to the grid needed / Autonomy: 3 to 5 days / Pre-oxidised corten steel structure, no treatments or maintenance needed / Recycled and recyclable materials / Multifunctionality / Possibility to illuminate in two directions / Vandal-proof / Compliant with standard EN40/5:2002. Incorporating LED illumination.
	TOT-A2	
	TOT-B1	
	TOT-B2	
	TOT-C	



TOTEM multifunctional and energy independent posts installed in Gandesa (Catalonia, Spain).

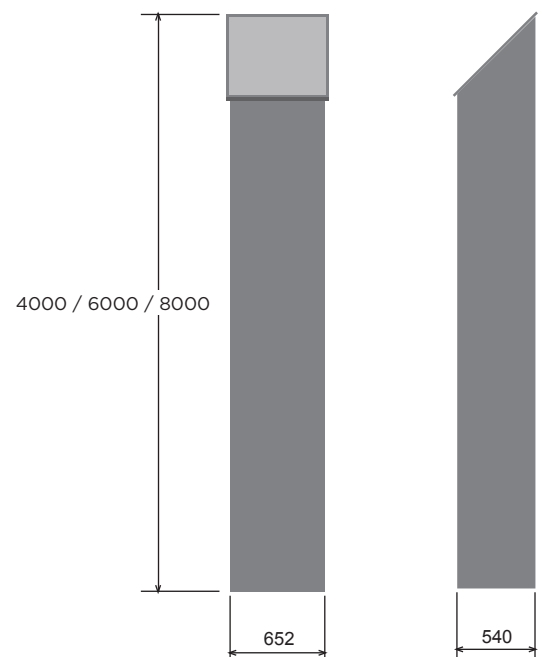




MENHIR

Design by GRISVERD

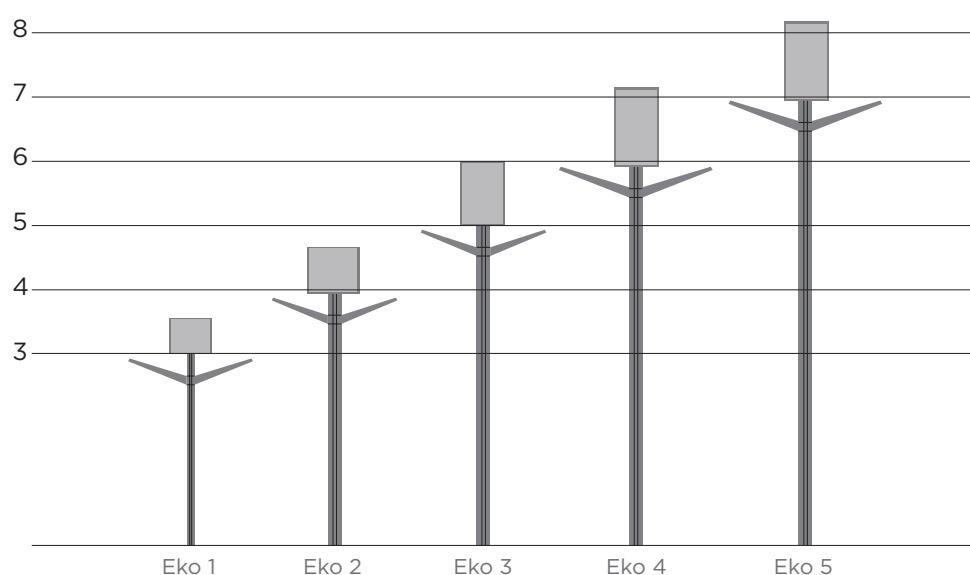
Inspired in the form and robustness of megalithic constructions, the Menhirs are localisation and information columns where logos and texts can be overlaid and can be seen during the day by contrast and at night by means of backlighting. They generate the energy they consume and do not need to be connected to the grid. As a result of using corten steel, no treatment or maintenance of any kind is needed throughout their long-lasting useful life.



TYPE	REF.	HEIGHT (mm)
Location-informational column	MEN-A1	4000
	MEN-A2	6000
	MEN-A3	8000

Possibility to customise with logos and texts / Use of corten steel, no treatments or maintenance needed / LED backlighting / Vandal-proof. Dawn and dusk dimming.

Eko street lamps are designed to meet the various lighting needs of streets and pedestrian areas thanks to their versatility. They are autonomous photovoltaic lamps for street lighting, with a modern and high-tech look, manufactured in corten steel and thus there being no need for treatments or maintenance throughout their long-lasting useful life.



REF.	HEIGHT (mm)	LEDs (W)	LUMENS	ARMS
Eko1	2525	4,2	420	1
Eko2a	3525	8,4	840	1
Eko2b	4525	8,4	840	1
Eko2c	4635	16,8	1.680	2
Eko3a	5635	16,8	1.680	1
Eko3b	5635	16,8	1.680	2
Eko3c	5975	25,2	2.520	1
Eko3d	5975	25,2	2.520	2
Eko3e	5975	25,2	2.520	3
Eko4a	6975	25,2	2.520	1
Eko4b	6975	25,2	2.520	2
Eko4c	6975	25,2	2.520	3
Eko4d	7170	33,6	3.360	2
Eko4e	7170	33,6	3.360	3
Eko4f	7170	33,6	3.360	4
Eko5a	8170	33,6	3.360	2
Eko5b	8170	33,6	3.360	3
Eko5c	8170	33,6	3.360	4

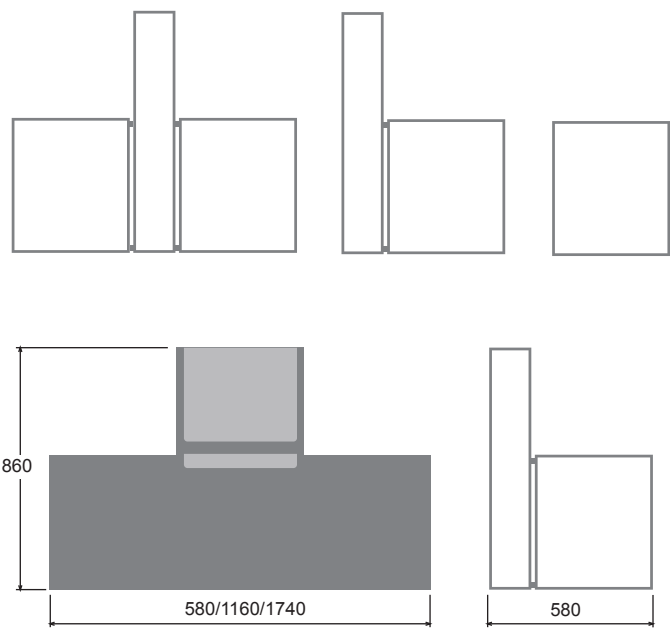
Autonomous solar street lamp with no connection to the grid needed / Multi-orientation of solar panels and light fixture arms / Use of corten steel, no treatments or maintenance needed / State-of-the-art LED light fixtures / Vandal-proof / Compliant with standard EN40/5:2002.



CUBIC

Design by GRISVERD

The Cubic range stands out for its high modularity, allowing infinite arrangements. These units are ideal for being placed both indoors and outdoors due to their neat design and because they are capable of withstanding exposure to the elements.



TYPE	REF.	LENGHT (mm)
Seat	CUB-S1	580
	CUB-S2	1160
	CUB-S3	1740
Back - rest	CUB-R1	580
	CUB-R2	1160
	CUB-R3	1740

High modularity / Corten steel with stainless steel applications, no maintenance needed / Vandal-proof.



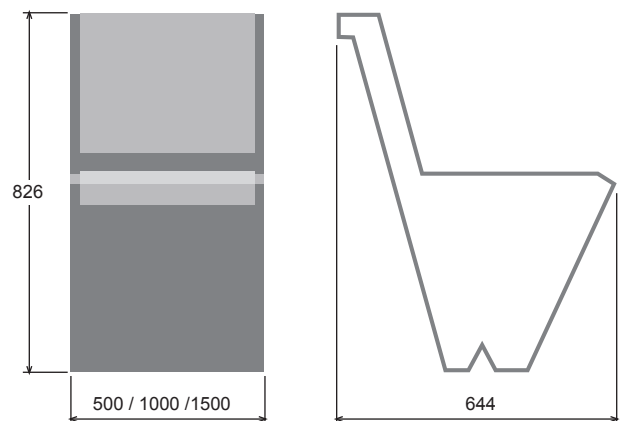




TRAÇ

Design by GRISVERD

Benches inspired in the design of just one stroke. Ideally suited for semi-indoor/outdoor spaces.



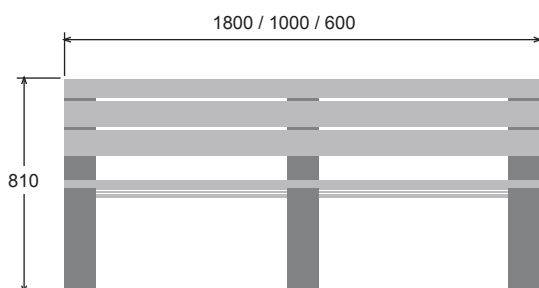
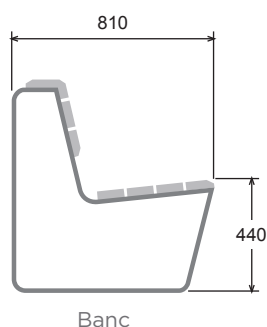
TYPE	REF.	LENGHT (mm)
Bench	TRA-B1	500
	TRA-B2	1000
	TRA-B3	1500

Corten steel with stainless steel applications, no maintenance needed / Vandal-proof.

AALB

Design by NUTCREATIVES

The Aalb family represents the most compelling attraction of simplicity. The materials used are corten steel and recycled plastic, which endow the products with a high sustainability value, thus ensuring their excellence. High versatility thanks to the various modules comprising the system. A flexible, adaptable and dynamic range.



TYPE	REF.	LENGHT (mm)
Bench	AAL-B1	600
	AAL-B2	1000
	AAL-B3	1800

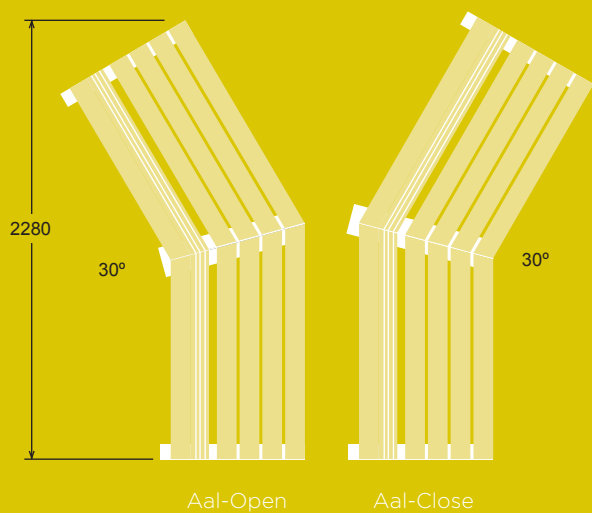
Corten steel and recycled plastic structure, no kind of maintenance needed throughout the useful life of the product / Recycled and recyclable materials / Easy to combine with other elements of the Aalb system / Modularity allowing for greater forms of use than a conventional bench / Easy to assemble.





AALB OPEN/CLOSE

The various compositions of Aalb benches make it possible to unite or separate according to the model, thanks to the original design of their central leg. It allows for several compositions.



TYPE	REF.	LENGHT (mm)
Bench	AAL-OPEN	1000 + 1000
	AAL-CLOSE	1000 + 1000

It uses environmentally friendly materials such as corten steel and recycled plastic, which do not require any kind of maintenance. Great versatility.

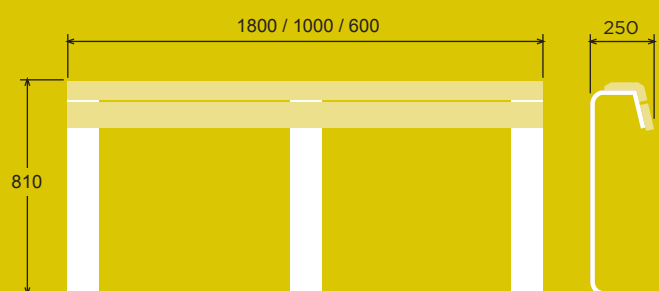






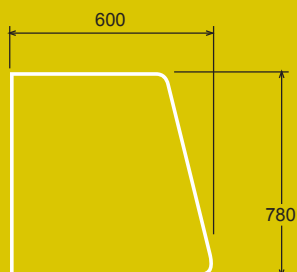
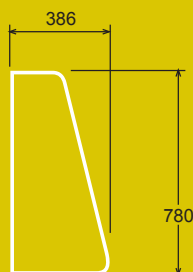
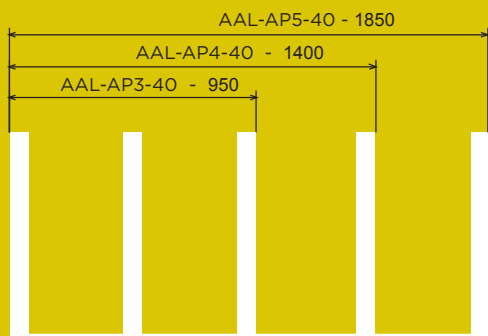
AALB STANDING BENCH

The standing benches can be assembled separately or combined with Aalb benches, either side-by-side or back-to-back.



TYPE	REF.	LENGHT (mm)
Standing bench	AAL-BP1	600
	AAL-BP2	1000
	AAL-BP3	1800

It uses environmentally friendly materials such as corten steel and recycled plastic, which do not require any kind of maintenance. The Aalb bench affords great modularity.



TYPE	REF.	LENGHT (mm)
Bicycle rack	AAL-AP1	50
	AAL-AP3-40	950
	AAL-AP4-40	1400
	AAL-AP5-40	1850
Bicycle Rack	AAL-APQ1	50
Full Frame	AAL-APQ3-40	950
	AAL-APQ4-40	1400
	AAL-APQ5-40	1850

The structure is made of corten steel, which do not require any kind of maintenance / Recyclable / Easy to combine with other elements of the Aalb system /Easy to assembly.

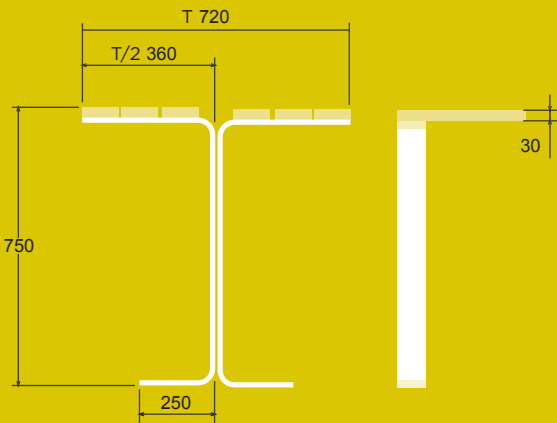
AALB BICYCLE RACK

The Aalb bicycle rack is conceived to facilitate the combination with other elements of the Aalb and NuU systems. Elegance and simplicity at its highest. Available as individual pieces or modules of 3, 4 and 5 pieces for parking more bicycles.



TABLE AALB

Its modular design makes it possible to assemble an individual or double table. The structure is conceived for removing barriers that pose an obstacle when seating.



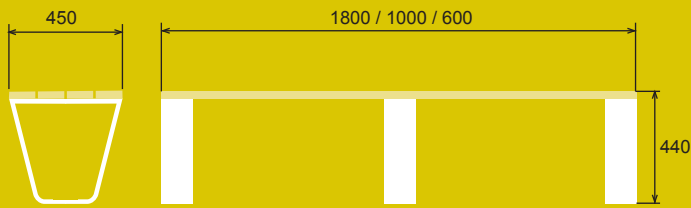
TYPE	REF.	LENGHT (mm)
Table	AAL-T1	1000
	AAL-T1/2	1000
	AAL-T2	1800
	AAL-T2/2	1800

The structure is made of corten steel, which do not require any kind of maintenance / Recyclable / Easy to combine with other elements of the Aalb system / Easy to assembly.



AALB BENCH

The bench is ideal for areas where the back rest is not needed. It can be combined with the rest of the AALB range.



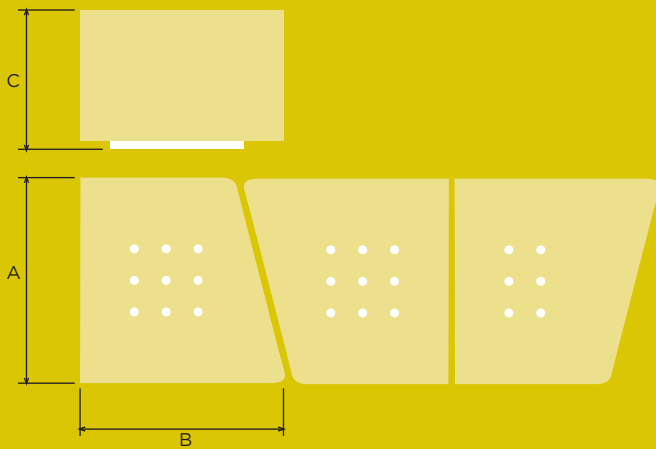
TYPE	REF.	LENGHT (mm)
Bench	AAL-BQ1	600
without a back rest	AAL-BQ2	1000
	AAL-BQ3	1800

Corten steel and recycled plastic/recyclable/ No kind of maintenance / Easy to assembly



PLANTER AALB

The Aalb planter range comprises six different models to grow a wide variety of plants and trees. These planters can function individually or in a modular manner by joining several planters. They are simple, elegant pieces suitable for taking green to the streets.



TYPE	REF.	AxBxC (mm)	CUBIC CAPACITY (mm)
Planter	AAL-J1	400x400x300	48
	AAL-J2	400x400x600	96
	AAL-J3	700x700x400	196
	AAL-J4	700x700x600	294
	AAL-J5	1000x1000x600	600
	AAL-J6	1000x1000x800	800

Use of corten steel, no treatments or maintenance needed / Wide range of sizes, adapted to all kinds of plants and streets, parks and gardens / High modularity between planters / Customisable (logo, coat of arms, text, etc.) by means of oxidation contrast.

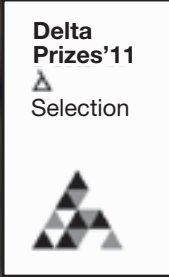






Sets from the AALB range with free-standing seats and benches installed in the business incubator in Gandesa (Catalonia, Spain)

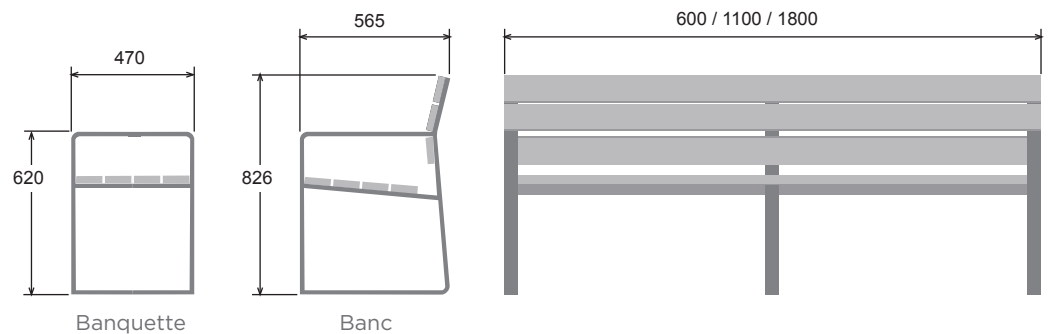




NUU

Design by NUTCREATIVES

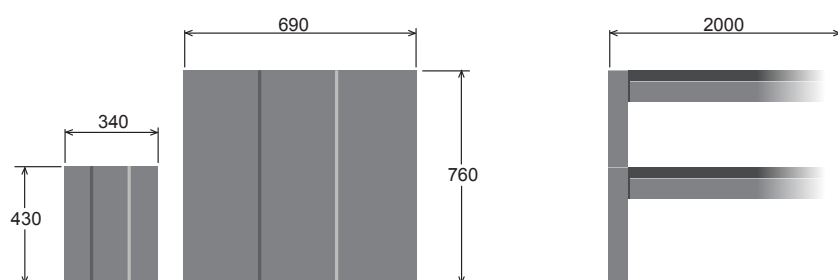
The NuU street furniture family stands out as being the reinterpretation of the classic arm bench, adapted to meet the most rigorous sustainability standards. They are simple and light to the eye, offering a contemporary and quality appearance. The curve outlining the backrest ensures great comfort. The NuU units have been recognised with the 2011 Ebreambient sustainability award and were selected for the 2011 Delta awards.



TYPE	REF.	LENGHT (mm)
Bench	NUU-B1	600
	NUU-B2	1100
	NUU-B3	1800
Bench without back rest	NUU-BQ1	600
	NUU-BQ2	1100
	NUU-BQ3	1800

Corten steel and recycled plastic structure, no kind of maintenance needed throughout the useful life of the product / Recycled and recyclable materials / Easy to assemble / Compliant with regulation 561/2010 on accessibility.

PICNIC set, comprising a table and two benches. Ideal for all kinds of spaces. Its lightweight design does not detract from its structural solidity. Elegance and sturdiness in one product. Designed to withstand vandalism and the most adverse weather conditions. The use of COR-TEN steel and recycled plastic means that no maintenance is required during its long service life.



TYPE	REF.	LENGHT (mm)
Table	TWI-T1	2000
Bench without back rest	TWI-BQ1	2000
Set table + 2 benches without back rest	TWI-TB1	2000

Structure of COR-TEN steel and recycled plastic, materials that require no maintenance whatsoever during the product's service life / Recycled and recyclable / Easy to assemble

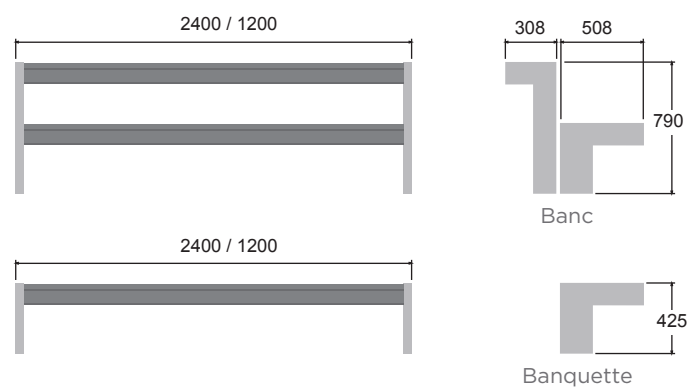




LUNGO

Design by JORDI LLOPIS

The Lungo series stands for its blunt, albeit gentle lines. This range provides the user with a high flexibility of use. The materials used guarantee that no maintenance of the product will be needed throughout its useful life. The units are available in a wide array of sizes and configurations according to the location where they will be placed.



TYPE	REF.	LENGHT (mm)
Bench	LUN-B1	1200
	LUN-B2	2400
Bench without back rest	LUN-BQ1	1200
	LUN-BQ2	2400

Versatiliy of use/ Use of corten and recycled materials, no main-
tenance needed/ Wide range of sizes/ Possibility to incorporate
LED light fixtures into the structure to create a continuity bet-
ween benches.





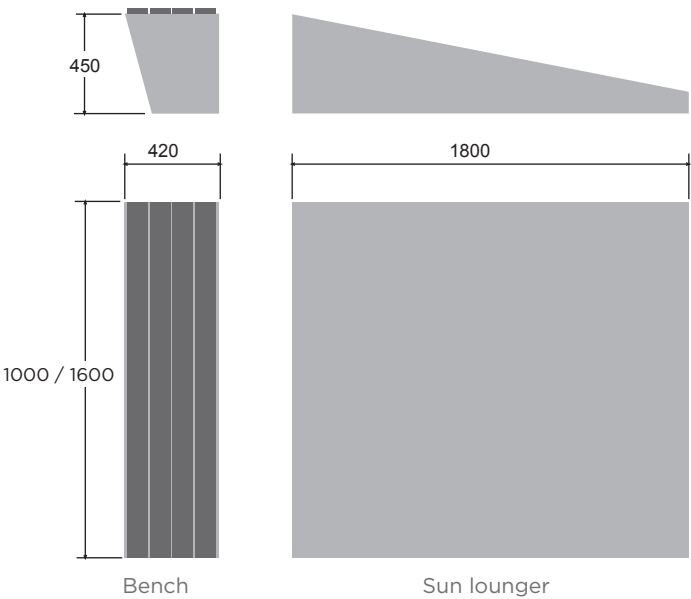




MOÖB

Design by Aaron de la Peña

The Moöb is conceived to enjoy the public space in a different way. Seated, lying down, alone or with friends, the Moob offers new alternatives for public and private green areas.



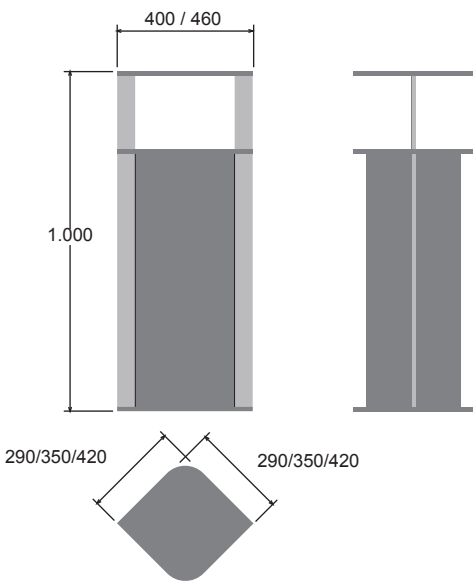
TYPE	REF.	LENGHT (mm)
Bench + Sun lounger	MOO-TB1	1000
	MOO-TB2	1600
Bench without back rest	MOO-B1	1000
	MOO-B2	1600
Sun lounger	MOO-T1	1000
	MOO-T2	1600

Use of corten steel, no treatments or maintenance needed / Easy to install / Modules that can be combined in any number of ways.

BRUNA

Design by NUTCREATIVES

The Bruna are simple, discrete and elegant bins. They are manufactured in corten steel (single material) and do not require maintenance. They are available in three different widths, which enables their adaptation to any kind of public or private space. An ash receptacle can be attached to the upper section of the bins.



TYPE	REF.	BASE (mm)	CUBIC CAPACITY
Bin	BRU-P1	290x290	36
	BRU-P2	350x350	60
	BRU-P3	420x420	91
Bin + ash receptacle	BRU-PC1	290x290	36
	BRU-PC2	350x350	60
	BRU-PC3	420x420	91

Utilisation d'acier corten, qui vieillit noblement et évite tout traitement et entretien / Facilité d'ouverture et de remplacement de sac / Disponible en deux largeurs en vue de l'adapter à tout espace. Possibilité de personnalisation (logotype, emblème, texte, etc.) par contraste d'oxydation.

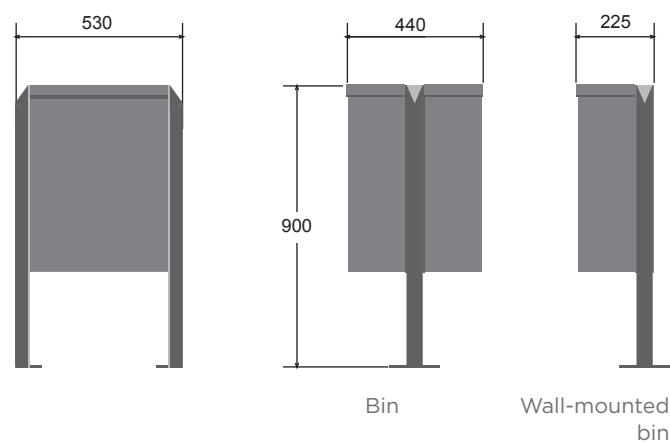




ROMB

Design by NUTCREATIVES

The Romb bin offers the same guarantees as any other bin, with a modern and simple design. It blends in anywhere, yet it is always at hand.



TYPE	REF.	CUBIC CAPACITY
Bin	ROM-P1	80
Wall-mounted bin	ROM-PP1	45

Use of corten steel, no treatments or maintenance needed / Single material / Easy to change bag / Mechanism preventing the bag from being left outside the bin / Vandal-proof / Retractable and wall-mounted options / Customisable (logo, coat of arms, text, etc.) by means of oxidation contrast.



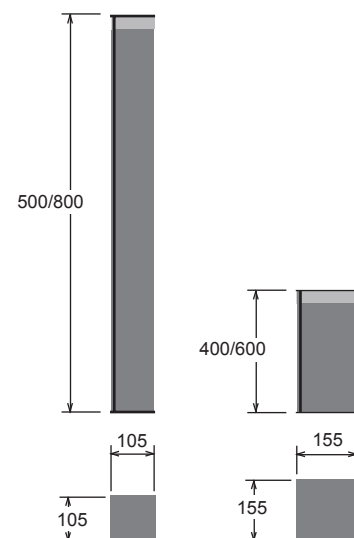




TALL

Design by NUTCREATIVES

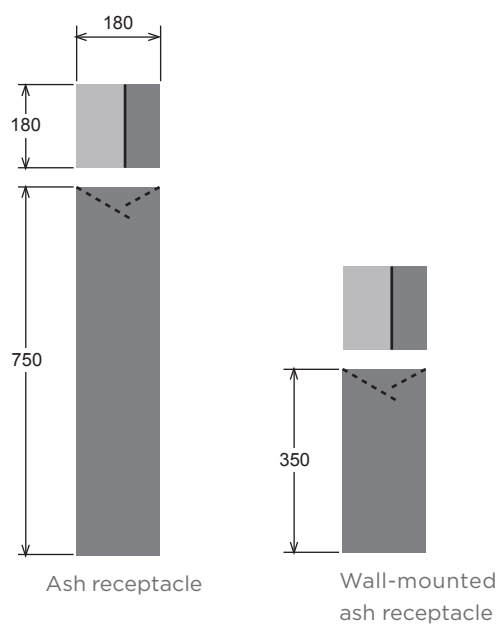
The bollards are conceived as elements that must be seen, but with the particularity that, owing to their design, they perfectly integrate into the urban environment. They are available in different sizes and there is the possibility of incorporating a light fixture.



TYPE	REF.	LENGTH	BASE
Bollard	TAL-P1	400mm	155x155
	TAL-P2	600mm	155x155
	TAL-P3	500mm	105x105
	TAL-P4	800mm	105x105

Use of corten steel, beautifully aging the product, no treatments or maintenance needed / High durability / Vandal-proof / Different sizes / Possibility of incorporating a light fixture.

The UMO are subtle, simple and single material pieces. These standing or wall-mounted ash receptacles are easy to use, functional and can be easily emptied.



TYPE	REF.
Ash receptacle	UMO-C1
Wall-mounted ash receptacle	UMO-CP1

Use of corten steel, no treatments or maintenance needed / Wall-mounted and standing versions / Vandal-proof / Easy to use / Customisable (logo, coat of arms, text, etc.) by means of oxidation contrast.

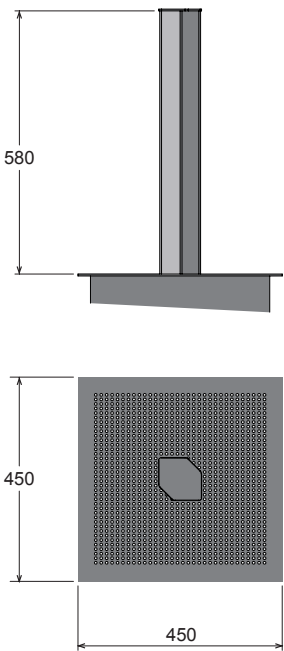




GOOS

Design by GRISVERD

Goos is designed to solve the problem of pets urinating on public roads. It is a simple and innovative device that discharges liquids into the drainage system. The aim is to notably improve the hygiene of exterior walls, street furniture, urban plant life and green spaces, while encouraging civic-mindedness.



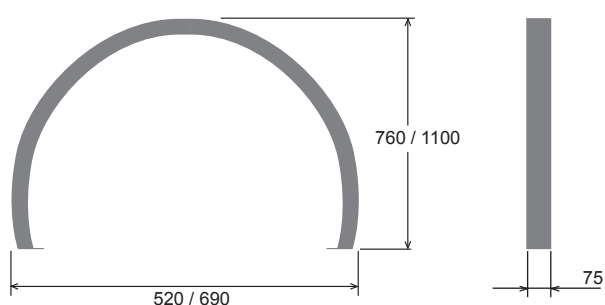
TYPE	REF.	BASE (mm)
Dog Toilet	GOO-P1	450 x 450

Clean, practical, useful, attractive, easy to install and identify.
In two finishes: COR-TEN steel and galvanised steel.

GLUB

Design by GRISVERD

The Glub bike stand is a simple and attractive product that is ideal for a wide variety of public spaces. It has a sculptural form that makes it easy to use and suitable for bicycles of all shapes and sizes. As a mono-material product made from COR-TEN steel it is highly resistant to environmental agents and fits together perfectly with the rest of the products in the Grisverd range.



TYPE	REF.	LENGHT (mm)	HEIGHT (mm)
Bike stand	GLU-A1	520	760
	GLU-A2	690	1100

Structure of COR-TEN steel, a material that requires no maintenance whatsoever during the product's service life / Recycled and recyclable / Easy to assemble









Aalb furniture and Bruna waste bins
in Tossa de Mar (Catalonia, Spain)



TOTEM

p. 13



MENHIR

p. 16



EKO

p. 18



CUBIC

p. 20



AALB

p. 24



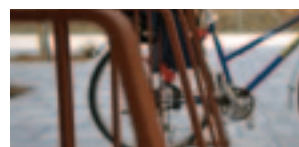
AALB OPEN/CLOSE

p. 26



AALB STANDING BENCH

p. 28



AALB BICYCLE RACK

p. 29



AALB TABLE

p. 30



AALB BENCH

p. 31



NUU

p. 36



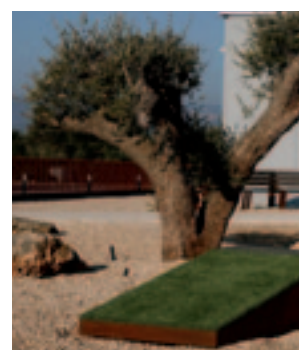
TWI

p. 38



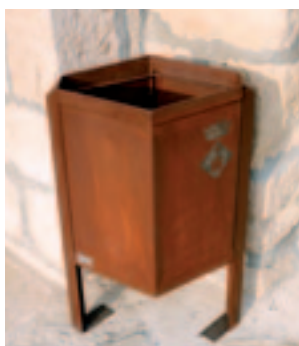
LUNGO

p. 40



MOÖB

p. 42



ROMB

p. 46



TALL

p. 49



UMO

p. 50



GOOS

p. 52



TRAÇ

p.23



PLANTER AALB

p. 32



BRUNA

p. 44



GLUB

p. 53

