



Power of the nap addicts

Public furniture



BITS to
ATOMS

Research and creation Lab for
architecture & design

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LOCAL

The “Power of the Nap Addict” furniture system is designed in Lebanon.

The six pieces in massive aluminium are made by sand molding from original masters that we designed and 3D printed in our facility in Mkalles, Beirut.

RECYCLED

The aluminium used to cast the six pieces (from which all tables, benches and recliners are made) is coming 100% from recycled material, mostly motor parts.

The aluminium is a very high quality alloy; it will never rust, even if used by the sea side.

ERGONOMIC

Through many iterations of multiple study prototypes, tested by many individuals of various sizes and shapes, an efficient comfort level has been secured in order to be applied to the seats, benches and lounge chairs.

When working with hardwood as contact points, it is capital to get the exact needed shape in order to be able to provide comfort to the widest range of users.



DURABLE

The wood we recommend for outdoor usage is Iroko. This wood is well known for its resistance to outdoor condition. It is called "the African Teak" and possesses an oily sap that protects it naturally against insects and weathering.

All screws and fixations are in Stainless steel, high grade, made to resist outdoor conditions. Fixations are laser cut in Lebanon from German stainless steel, screws are imported from Italy.

The most important design aspect in regard to the sustainability of the "Power of the Nap Addicts" is the way the wood is fixed to the aluminium structure: The 2 mm stainless steel fixations are not perforating the wood, at the contrary they allow for natural movements of wood deformation with climate.

Contrary to a through screw that would inevitably damage the wood after a few cycles of growth and retract, our fixation can support those movements because it doesn't oppose to it by design.

PACKABLE

The whole Nap Addicts furniture family is made of only six different cast aluminum elements. Each furniture is an assembly and therefore can be stored and transported unassembled.

The elements pack in a very small overall volume, which is itself, thanks to Spruce wood and Aluminum low density, very light.



EASY MAINTENANCE

In order to maintain the beautiful natural look of wood and its appealing texture, we recommend to oil yearly (in autumn) the wood. This is done with a simple clothe, on site, without dismantling the furniture. Just rubbing gently the wood will nourish it and help it age gently, giving it a more valuable patina every year.

Teak oil, to be applied, is inexpensive and doesn't need a specialized skilled labor to be applied, anyone can do it (as opposite to paint).

STURDY

Design for Public Spaces requirements are for material durability but also about potential abuse of the item left in the streets. The parts have been submitted to many resistance tests. On a single recliner we had eight persons standing without noticing a single deflection in the structure!

AFFORDABLE

The chairs, benches, lounges and table are designed and manufactured bearing the constraint of affordability while securing a high strength and reliability level. Sand cast recycled aluminium and reclaimed form work wood participate greatly to the cost engineering.

The modular system is one of the tools that allowed for an affordable fabrication, it would also allow municipalities and owners of many pieces to recombine and re-use elements.



Power of the nap addicts

01- The recliner

The aluminium structure of this lounge chair allows for spectacular cantilevers and gives it a unique silhouette. Designed and manufactured to survive abuse in public space, it is made for outdoor use whether mountain or seaside.

For security, a hole can be drilled in the flat surface of the legs to be able to fix it to the ground.

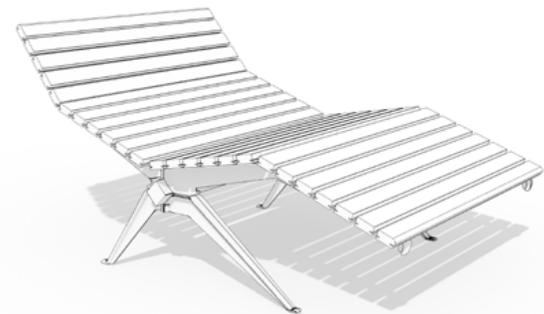


01.a - Recliner for one



Recycled aluminum parts
Stainless steel screws
Wood: Pine, Iroko...

01.a - L.175 x W.60 x H.90 cm
01.b - L.175 x W.120 x H.90 cm



01.b - Recliner for two





The recommended wood type for outdoor use is Iroko. This wood is well known for its resistance to outdoor conditions. It is called "the African Teak" and possesses an oily sap that protects it naturally against insects and weathering.

Power of the nap addicts 02- The seat

The aluminium structure of this seat allows for flexible dimensions. By simply modifying the wood planks' length, the seat can either be a chair or a bench. Designed and manufactured to survive abuse in public space, it is made for outdoor use whether mountain or seaside.

For security, a hole can be drilled in the flat surface of the legs to be able to fix it to the ground.



Recycled aluminum parts
Stainless steel screws and fixations
Available Wood types: Spruce, Beech, Iroko

02.a - L.50 x D.70 x H.90 cm
02.b - L.115 x D.70 x H.90 cm
02.c - L.200 x D.70 x H.90 cm



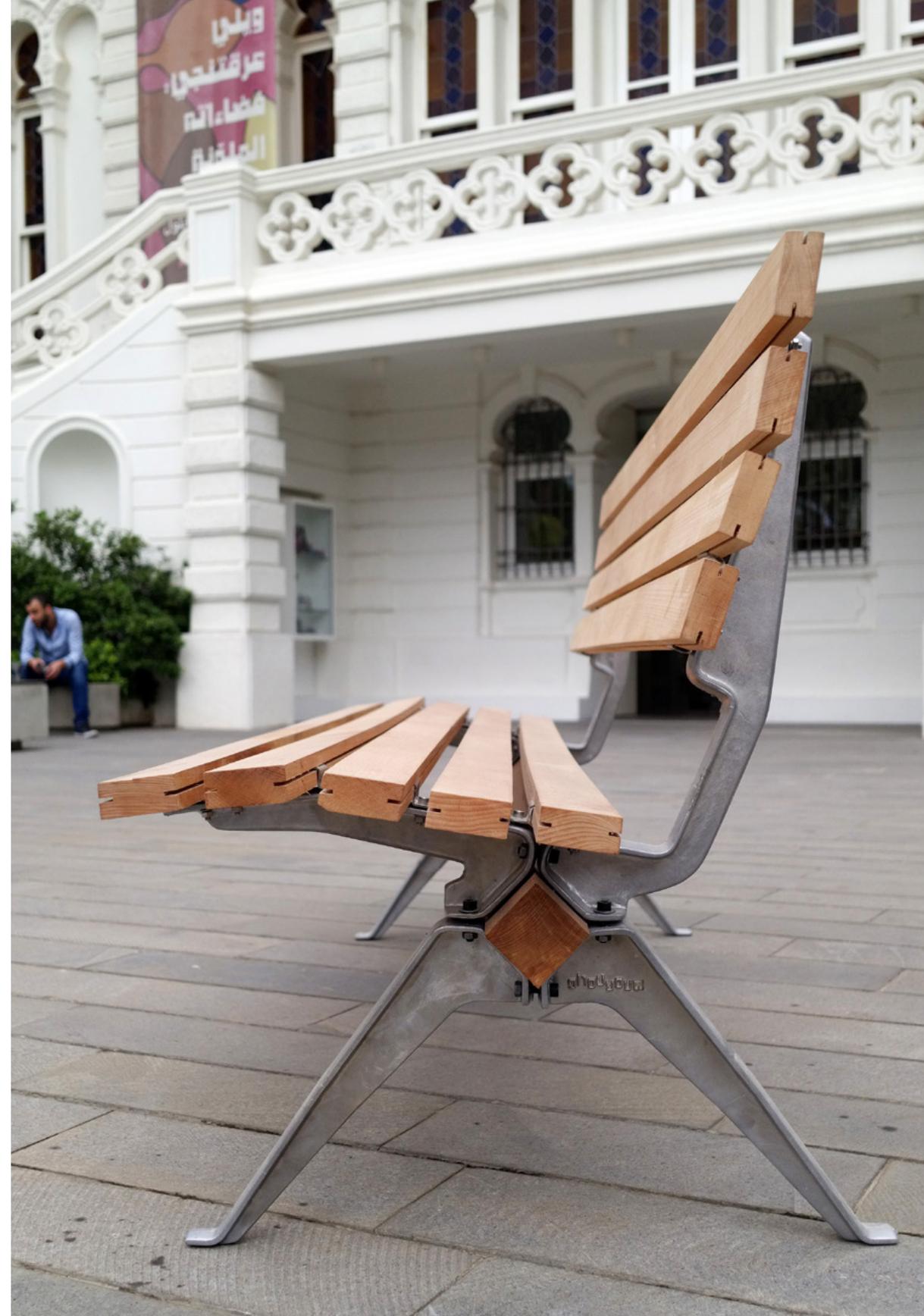
02.a - Chair



02.b - Bench for two



02.c - Bench for five



Power of the nap addicts

03- The table

The aluminium structure of this table allows for flexible dimensions. By simply modifying the wood planks' length, the table can either be a small table of four or a very large one for big groups. Designed and manufactured to survive abuse in public space, it is made for outdoor use whether mountain or seaside.

For security, a hole can be drilled in the flat surface of the legs to be able to fix it to the ground.



Recycled aluminum parts
Stainless steel screws and fixations
Available Wood types: Spruce, Beech, Iroko

03- L.180 x D.95 x H.72 cm
Length can be adjusted to custom sizes



03 - Table



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