

Floating Mobius Chair

The Concept:

This chair is a unique reinterpretation of a porch swing, a universally appealing place to sit. A Place is more than just a seat; it is about defined space. This chair uses its own structure to define a territory with a virtual enclosure: the tubular armature, cables and seat. The supporting frame - in this case the mobius-like tube - forms the "room" that is defined by this chair. A spatial territory -- a place -- is created, that is playful and special, not unlike a porch swing.

Materials/Construction:

This chair uses a mobius-like, continuously curved tube as its primary structure. The tube can be steel, steam-bent hickory, bamboo, or better yet, a strong "toober" (the foam-clad wire tubes used in the toy "Toobers and Zots"). Suspended literally from this structure is a cable-supported platform which carries the soft seating element. The cables can be fixed or on a pulley system.

The seat can be highly variable, though a form emulating the soft curves of the structure is preferred. The structure allows spring, to give the chair bounce. And it can swing!

An optional automatic piston mechanism (with memory) can be fitted to the cable system to raise, lower and tilt the seating.

The superstructure support allows a much more vast range of adjustment than a conventional chair, which is limited by its base. The seating element can be fitted with a tie-down, a short cable to the structure to stop the swing, if desired.

The main structure can be fitted with enclosures, such as mesh screening, in addition to the suspended seating element, to further define the space created with this chair.

Dimensions:

Height: 16" (41 cm) seat-varies
52" (1.32 m) overall
Width: 24" (61 cm) base
32" (81 cm) top
Depth: 24" (61 cm) base
32" (81 cm) top

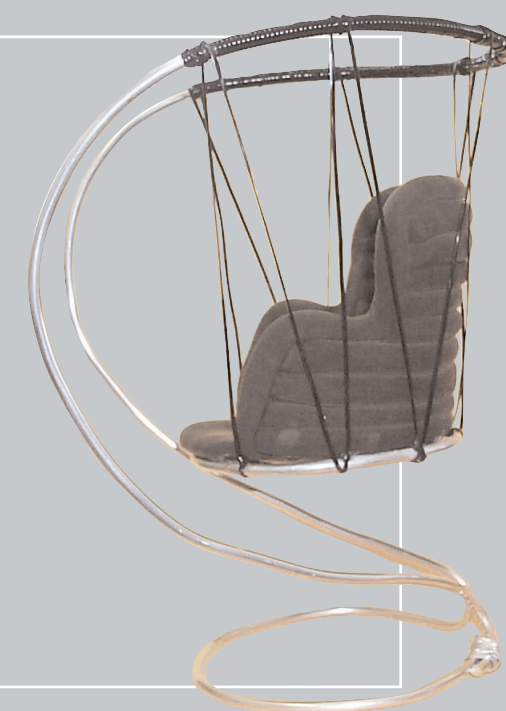
Universal Design Principles:

Equitable; Flexible, and Intuitive: Vast Range of Adjustability - Height and tilt not limited by a conventional base.

An optional automatic piston to operate cable tension controlling tilt and height.

An optional tie down can provide added safety, & stop swinging if desired.

This chair is fun, and has the universal appeal of a porch swing!



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