Architecture in Focus

Oliver Herwig

Featherweights

Light, Mobile and Floating Architecture



Prestel

Munich · Berlin · London · New York

Contents

7 The Weight of the World or: The Invention of Lightness in Architecture Introduction

Five Pioneers of Light Architecture

V

- Building with Light.Bruno Taut's Glass Fantasies
- 26 Light and Heavy.Eero Saarinen's Trans World AirlinesTerminal in New York
- Geometry: Go and No-Go.Richard Buckminster Fuller's Visions
- 46 Master of the Universe.Archigram's Pencil Revolution
- Escaping from Slab Construction.Ulrich Müther's Shell Artworks

HESSISCHE LANDES- UND HOCHSCHULBIBLIOTHEK DARMSTADT

Looking Ahead. Light, Mobile and Floating Architecture

Lightweight Construction

- 70 . In the Beginning was the Bubble.Frei Otto Moves into New Construction Territory
- 76 The Next-Generation.Werner Sobek's Art of Archi-neering and His R128 House

Membranes and Light Materials

- The Mother of All Tents.

 Richard Rogers' Millennium Dome in London
- Membranes Over Plush. Klaus Latuske's Musical Theatre in Hamburg for The Lion King
- Two Extraordinary Travelling Exhibition Buildings.
 Andreas Heller's LiebesLeben and SehnSucht
- 91 Surfing the Wave. Benno Bauer's Culture Centre in Puchheim, Munich

03:2468

	Inflatable Architecture
96	There's Something in the Air. Axel Thallemer's Airtecture and Airquarium
100	Cool Britannia. Doug Branson's and Nigel Coates' Powerhouse::UK
	Modern Nomads
104	Temporary Buildings for All Seasons. Shigeru Ban's Curtain Wall House in Tokyo, His Expo 2000 Pavilion in Hanover and His Emergency Accommodation for Kobe
108	Mobile Community Centre in No-Man's Land. Florian Nagler's Bürgerhaus in Neuperlach, Munich
110	More Than a Container. Matthias Loebermann's Infobox in Nuremberg
114	A House on Wheels. Johannes Kaufmann's Su-Si
118	Broom Dome, Lounge Tube or Bamboo Cube.
;	Moritz Hauschild's Summerhouse Projects
	Building a World of Bits and Bytes
123	Place of Origin, the Computer. Zaha Hadid's Mind Zone in London
126	Following Lined Paths. Greg Lynn's Architectural Animations
128	The Influence of the Exhibition. Bernhard Franken's BMW Pavilion in Frankfurt
130	Fascinating Spatial Sculpture. Frank O. Gehry's Deutsche Genossenschafts Bank in Berlin
134	The Art of Reconstruction. Johannes Herold's Archivision Project
136	Looking for Lost Synagogues. Manfred Koob's and Marc Grellert's Virtual Reconstructions
138	Virtual Spaces. Florian Raff's Exhibition Design
140	Views of the Future of the City 1. Bill Wright's SimCity— Town Planning for All
142	Views of the Future of the City 2. Peter Haimerl's Zoomtown
	Architecture in Space
146	Gracious Living in Space. Richard Horden's and Andreas Vogler's Space Design Project
150	Room With a View. Howard Wolff's Plans for a Space Hotel
152	A Little Featherweight Glossary

156

158

Endnotes

Selected Bibliography