

## **PRONTUARIO LABOR**

*exhibit solutions handbook*

**LABOR** is a multidisciplinary design and production laboratory operating across design, experimentation, and visual culture.

LABOR focuses on **process reduction** and the development of practical tools, enabling projects to be conceived and realized with a high degree of autonomy.

Within a **sustainability-oriented** approach, the laboratory prioritizes material reuse, local resources, and the adaptation of existing products and systems.

**Clients**

*Artists and institutions*

Lukas Hoffmann

Armin Linke

Nora Mertes

Martina Pozzan

Centre national d'art et de culture Georges-Pompidou, Paris, FRA

Comune di Cheremule, Sassari, ITA

Galerie im Körnerpark - Fachbereich Kultur Neukölln, Berlin, DEU

IGFAE - Instituto Galego de Fisica de Atlas Enerxias, Santiago, ESP

Innsitu - BTV Stadtforum, Innsbruck, AUT

K.H.I. Kunsthistorisches Institut in Florenz, Florence, ITA

Museum Neukölln, Berlin, DEU

Saarländische Galerie - Europäisches Kunstforum E.V., Berlin, DEU

## **Areas of focus**

### **Heritage preservation - A**

|                 |   |
|-----------------|---|
| <i>Context</i>  | Protected historic buildings                                  |
| <i>Strategy</i> | Non-invasive, reversible solutions                            |
| <i>Response</i> | Temporary supports that preserve both object and architecture |

### **Reversibility - B**

|                 |   |
|-----------------|---|
| <i>Context</i>  | Need of flexible solutions suitable for reconfiguration and reuse |
| <i>Strategy</i> | Simplified design of adaptable systems                            |
| <i>Response</i> | Systems designed to be undone and reshaped                        |

### **No frame - C**

|                 |                               |
|-----------------|-------------------------------|
| <i>Context</i>  | Image-centered exhibitions    |
| <i>Strategy</i> | Minimal design                |
| <i>Response</i> | Reduction of visual mediation |

### **Free-standing - D**

|                 |  |
|-----------------|--|
| <i>Context</i>  | Lack of load-bearing or fixable architectural supports               |
| <i>Strategy</i> | Self-supporting systems operating independently from the environment |
| <i>Response</i> | Stability through geometry, mass distribution or counterweights      |

### **Infrastructure reuse - E**

|                 |   |
|-----------------|---|
| <i>Context</i>  | Pre-existing technical or architectural systems                                     |
| <i>Strategy</i> | Activation of the existing environment as an integral part of the exhibition system |
| <i>Response</i> | Reinterpretation of secondary infrastructures as load-bearing devices               |

### **Standardization - F**

|                 |   |
|-----------------|---|
| <i>Context</i>  | Budget constraints, material accessibility                                |
| <i>Strategy</i> | Open-source design and self-production                                    |
| <i>Response</i> | Reconfiguration of standard components available in consumer supply chain |

### **Modularity and portability - G**

|                 |  |
|-----------------|--|
| <i>Context</i>  | Reduced-staff installations requiring a straightforward, universal setup |
| <i>Strategy</i> | Design of pre-assembled systems  |
| <i>Response</i> | Lightweight, modular, demountable and small dimension components         |

### **Unconventional contexts - H**

|                 |   |
|-----------------|---|
| <i>Context</i>  | Non-exhibition spaces and hybrid environments     |
| <i>Strategy</i> | Adaptation to existing spatial constraints        |
| <i>Response</i> | Custom systems responding to irregular conditions |

### **Floating - I**

|                 |   |
|-----------------|---|
| <i>Context</i>  | Need for visual lightness and detachment                              |
| <i>Strategy</i> | Simplification and concealment of the load-bearing structures         |
| <i>Response</i> | Load transfer managed through tension, compression, or hybrid systems |

### **Space construction - L**

|                 |  |
|-----------------|--|
| <i>Context</i>  | Exhibit elements operating at an architectural scale |
| <i>Strategy</i> | Structures that generate paths, thresholds, or rooms |
| <i>Response</i> | Objects conceived as spatial devices                 |

## References

### **18.20\_022-001**

|                    |  |
|--------------------|--|
| <i>Context</i>     | Film set in a natural landscape  |
| <i>Typology</i>    | Large-scale modular scenographic elements  |
| <i>System</i>      | Ground-based, tension-stabilized structures  |
| <i>Purpose</i>     | Hosting a performance  |
| <i>Key aspects</i> | Portability, lightweight structures, temporary anchoring, environmental preservation |

### **4.19\_025-001/2/4**

|                    |  |
|--------------------|--|
| <i>Context</i>     | Exhibition in an historic building with archival infrastructure                    |
| <i>Typology</i>    | Adaptive hanging system  |
| <i>System</i>      | Compression and cantilever system  |
| <i>Application</i> | Exhibiting framed artworks   |
| <i>Key aspects</i> | Infrastructure reuse, floating display, precision adjustment, no wall intervention |

### **4.19\_024-001-01**

|                    |   |
|--------------------|---|
| <i>Context</i>     | Archival/editorial exhibition                                       |
| <i>Typology</i>    | Minimal display for paper-based content                             |
| <i>System</i>      | Inclined glass panels on light brackets                             |
| <i>Application</i> | Exhibiting works on paper   |
| <i>Key aspects</i> | Material reduction, reversibility, image autonomy, visual lightness |

### **4.19\_024-002**

|                    |   |
|--------------------|---|
| <i>Context</i>     | Exhibition in an historic church  |
| <i>Typology</i>    | Non invasive suspension system  |
| <i>System</i>      | Compression and tension-based system                                      |
| <i>Application</i> | Exhibiting framed artworks  |
| <i>Key aspects</i> | Non-invasive setup, floating effect, heritage preservation, adjustability |

### **4.19\_023-002**

|                    |   |
|--------------------|---|
| <i>Context</i>     | Exhibition in a contemporary art gallery                            |
| <i>Typology</i>    | Exhibition totems   |
| <i>System</i>      | Self-standing steel profiles frame                                  |
| <i>Application</i> | Exhibiting images, objects, mixed media                             |
| <i>Key aspects</i> | Modularity, standardization, infrastructure-free, reconfigurability |

### **4.19\_023-001**

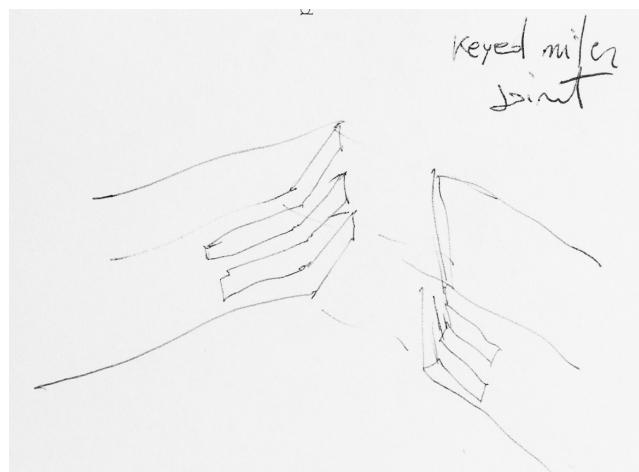
|                    |   |
|--------------------|---|
| <i>Context</i>     | Museum exhibition   |
| <i>Typology</i>    | Image displays  |
| <i>System</i>      | Leaning elements, no wall fixing                          |
| <i>Application</i> | Exhibiting images on DiBond                               |
| <i>Key aspects</i> | Reversibility, preservation, no-frame, space construction |

### **4.19\_026-001**

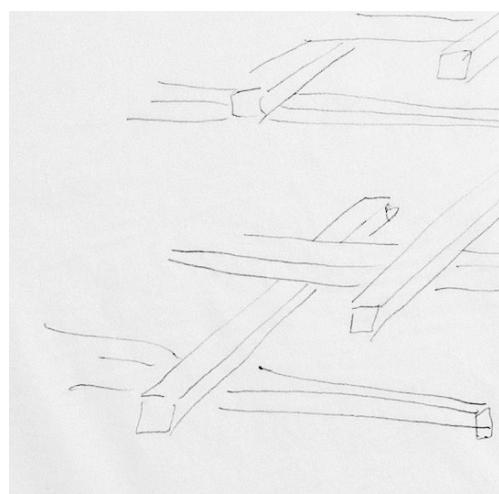
|                    |  |
|--------------------|--|
| <i>Context</i>     | Workspace  |
| <i>Typology</i>    | Wooden table structure   |
| <i>System</i>      | Self-supporting braced frame   |
| <i>Application</i> | Versatile  |
| <i>Key aspects</i> | Self-produced, adaptability, standardization, reversibility, reuse, rapid implementation |

**Atlas**  
*cross reference table*

Schematics



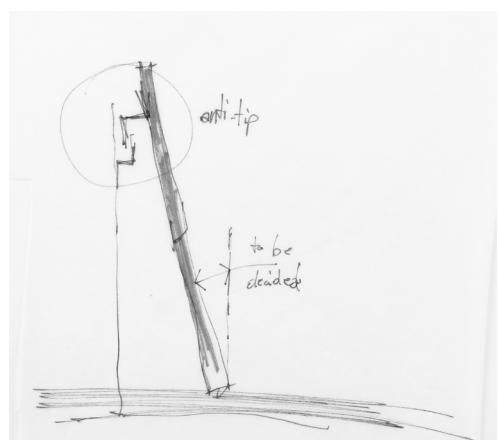
Keyd miter joint



Butt joint



Framework



Anti-tip device

Large-scale spatial elements composed of **lightweight modular wooden portals**. Structures are assembled without hardware and stabilized through **non-invasive ground anchoring**. All components are designed for **manual transport and rapid deployment**. Despite their slenderness, the system ensures **structural stability in outdoor conditions**.

**Object** Temporary scenography for a short movie  
**Folders** A, B, F, G, H, L

**Context** Outdoor archaeological site, environmental restrictions, uneven ground  
**Requirement** Climate factors resistance, transportability and easy/fast assembly  
**Protection constraints** No drill on stones, no excavation on ground

**Structural principle** Piers and architrave with tongue and groove joints  
**Ground contact strategy** Point support and slight pegs anchoring  
**Stability control** Nylon strings set, normal tension  
**Load transfer method** Gravity load

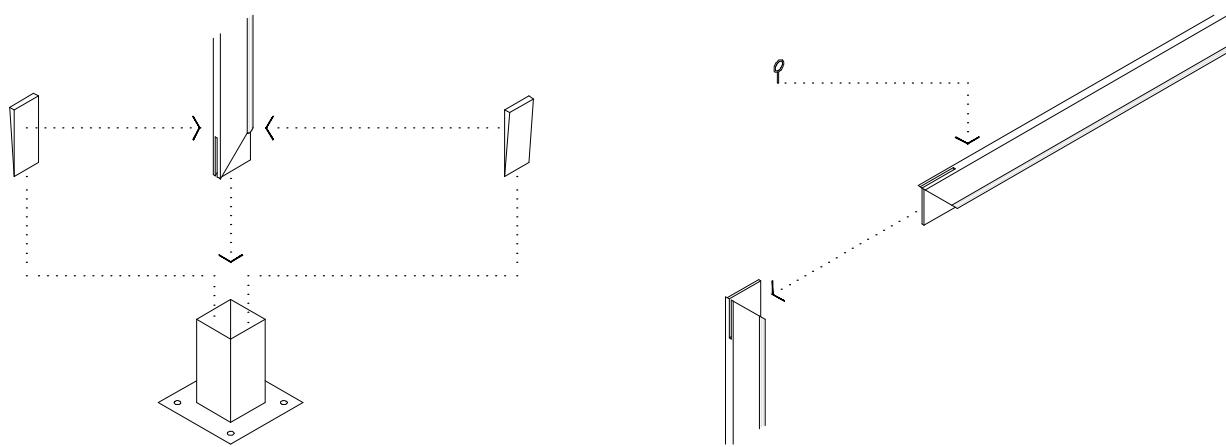
**Materials** Pine wood, nylon, metal  
**Standard components used** Canvas frame profiles, nylon strings, metal post brackets  
**Availability of components** Very high  
**Assembly/disassembly process** Dry assembly with manual tools  
**Reversibility of the process** 100%

**Hosted performance** Dance  
**Support system** Vertical posts  
**Interface support/structure** Metal post brackets  
**Adjustment devices** Wooden wedges to adjust portal height and vertical  
**Supporting structure** Ground

**Transport / Handling** Car roof / hand handling  
**Smallest divisible unit** 0,9 to 3m lenght  
**Max. dimension** 5 x 3m (biggest portal)

Notes

*Assembly*



*Installation view*



Exhibition system **integrated** within  
an **existing archival shelving**  
**infrastructure**.

Custom interfaces transform secondary structures into **load-bearing**  
**supports** for suspended works.

The system allows **fine adjustment** during installation, ensuring alignment and balance.

Additional elements create **controlled spatial distancing** between artworks and supports.

**Object** Adaptive hanging system for exhibition  
Folders E, H, I

**Context** Historic building, former archive  
Requirement Flexible shelving anchoring  
Protection constraints No drill on walls/floor, no leaning on walls

**Structural principle** Compression clamping system, cantilevered clamp-on structure  
Ground contact strategy -  
Stability control Self-stabilizing system  
Load transfer method Compression (back-frame to shelf)

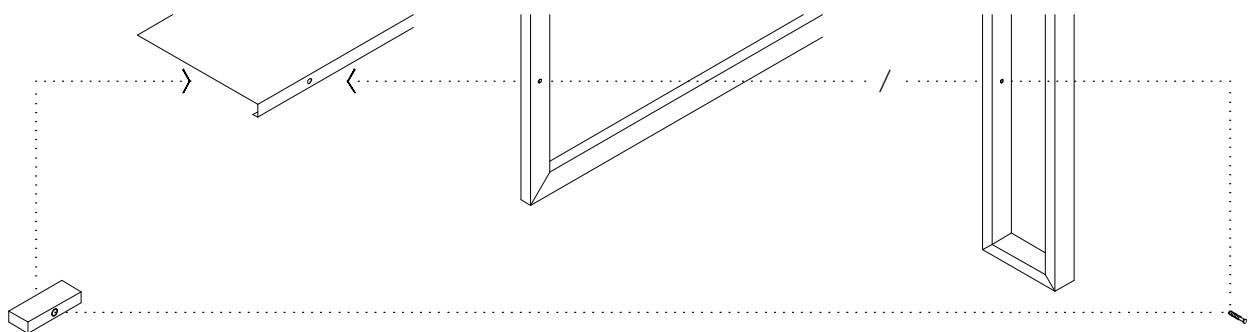
**Materials** Painted maple wood  
Standard components used -  
Availability of components High  
Assembly/disassembly process Dry assembly with manual tools  
Reversibility of the process 100%

Exhibited artwork Framed image  
**Frame support system** Wooden back-frame  
Interface support/structure Rear screw-clamp  
Adjustment devices Slotted hole  
Supporting structure Metal shelves

**Transport / Handling** Cargo bike, car / hand handling  
Smallest divisible unit 50 x 60cm, 50 x 15cm  
Max. dimension -

Notes

*Assembly*



*Installation views*



Minimal display device designed to present archival material as **temporary, non-monumental objects.**

Printed sheets are held between glass surfaces supported by simple **wooden brackets.**

The absence of frames reinforces a **non-permanent exhibition logic.**

Elements rely on compression and gravity, ensuring **reversibility and ease of removal.**

**Object** Wooden structure display for paper artwork  
**Folders** B, C, I

**Context** Exhibition

Requirement Minimal design without frame

Protection constraints Archival standards

**Structural principle** L-brackets, cantilever beam

Ground contact strategy -

Stability control L-brackets jointed with keyed miter

Load transfer method Tensile stress (upper connection), compressive stress (lower connection)

**Materials** Maple wood, glass AR70

Standard components used -

Availability of components High

Assembly/disassembly process Dry assembly with power tools

Reversibility of the process 100%

Exhibited artwork Works on paper

**Paper support system** Paper taped on glass sheet standing on L-brackets

Interface support/structure Brackets drilled on wall

Adjustment devices Slotted hole

Supporting structure Wall

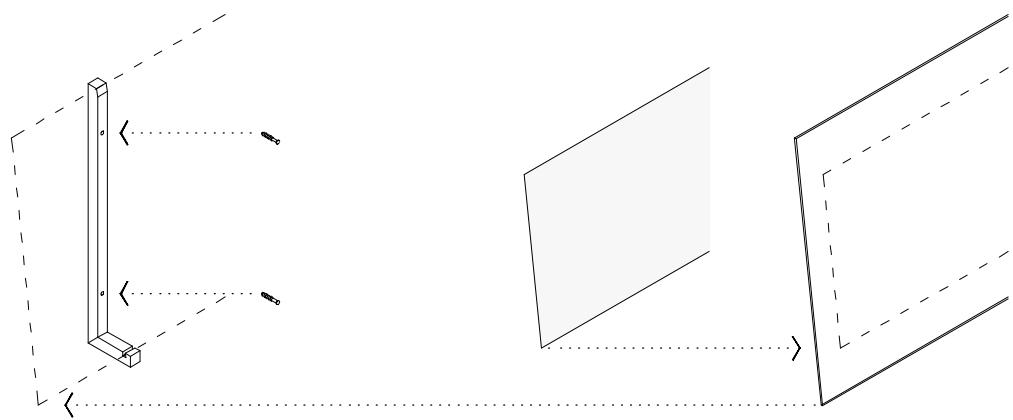
**Transport / Handling** Car / hand handling

Single element max. size 47 x 9cm, 69 x 46cm

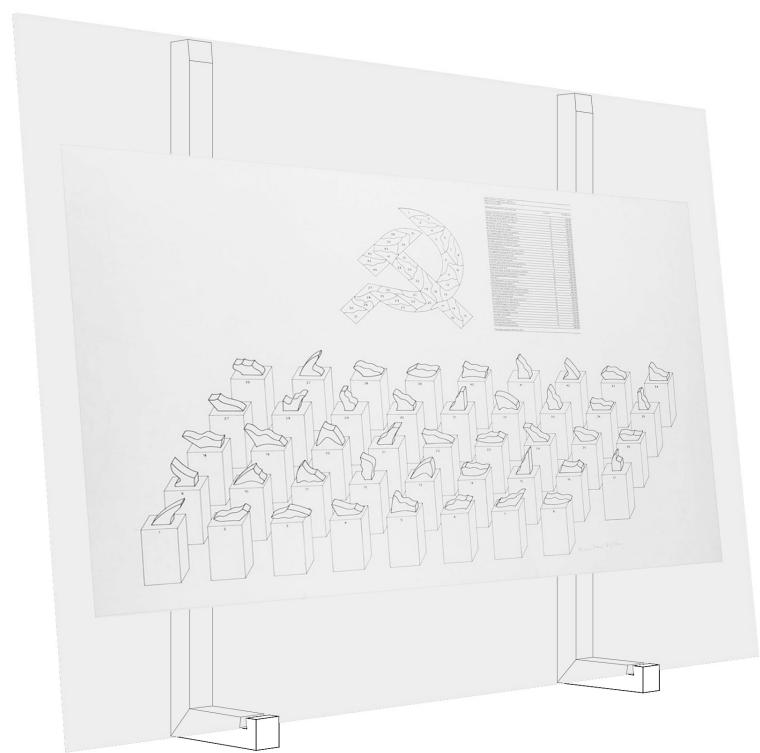
Max. dimension (assembled) 69 x 47 x 9cm

Notes

*Assembly*



*Axonometric projection*



Suspended display system developed for a **historic architectural context** with no physical alteration. Light wooden frames are secured using **tensioned straps**, distributing load without surface damage. Frames enable **free positioning** in space, including corners and vertical elements. The system creates the perception of **floating images** while preserving structural integrity.

**Object** Hanging system for frames  
 Folders A, B, H, I

**Context** Historic church  
 Requirement Non-invasive pillar anchoring  
 Protection constraints No drill, no glue on walls and pillars

**Structural principle** Tensioned ratchet band clamp  
 Ground contact strategy -  
 Stability control Tension control  
 Load transfer method Compressed back-frame through tensioned straps

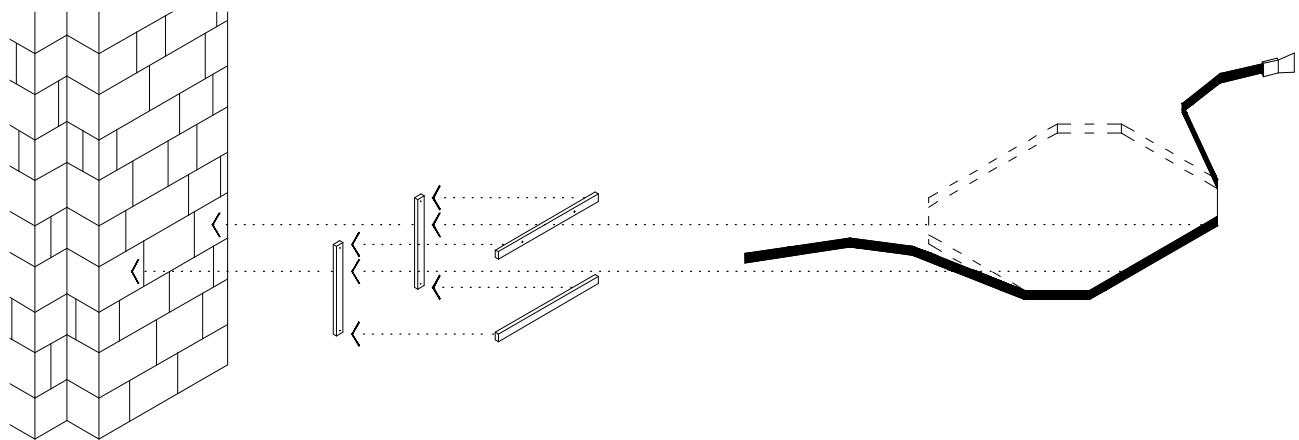
**Materials** Beech wood, polypropylene  
 Standard components used Endless ratchet straps  
 Availability of components Very high  
 Assembly/disassembly process Dry assembly with manual tools  
 Reversibility of the process 100%

Exhibited artwork Framed image  
**Frame support system** Wooden back-frame  
 Interface support/structure Endless ratchet strap  
 Adjustment devices Built-in feature  
 Supporting structure Stone pillars

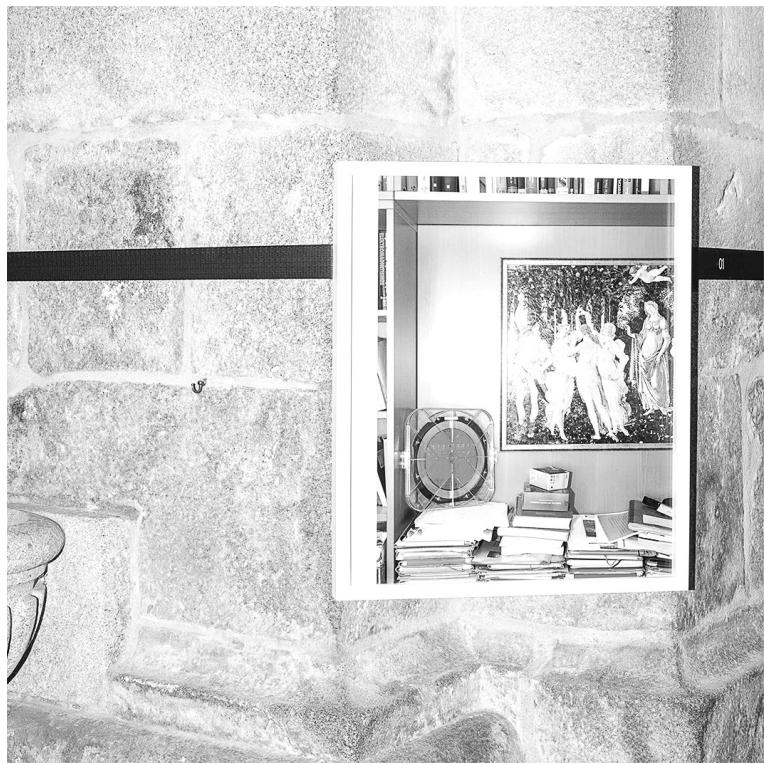
**Transport / Handling** Cargo bike, car / hand handling  
 Single element max. size 60 x 4cm, 20 x 20cm  
 Max. dimension(assembled) 50 x 60cm (back-frame)

Notes

*Assembly*



*Installation view*



*Photo: Armin Linke*

Spatial support structures built from **standard drywall steel profiles**, left exposed and untreated. Elements function as **self-standing three-dimensional supports**, adaptable to multiple layouts. The system allows **direct intervention** on surfaces while remaining fully demountable. Components can be repositioned, reused, or reconfigured without fixed anchoring.

**Object** Modular spatial totems  
**Folders** B, D, F, G, L

**Context** Exhibition space  
**Requirement** Free-standing, modularity and portability, standardization  
**Protection constraints** No drill on ground

**Structural principle** Self-supporting braced frame  
**Ground contact strategy** Single/Dual linear support  
**Stability control** Contact area configuration  
**Load transfer method** Gravity load

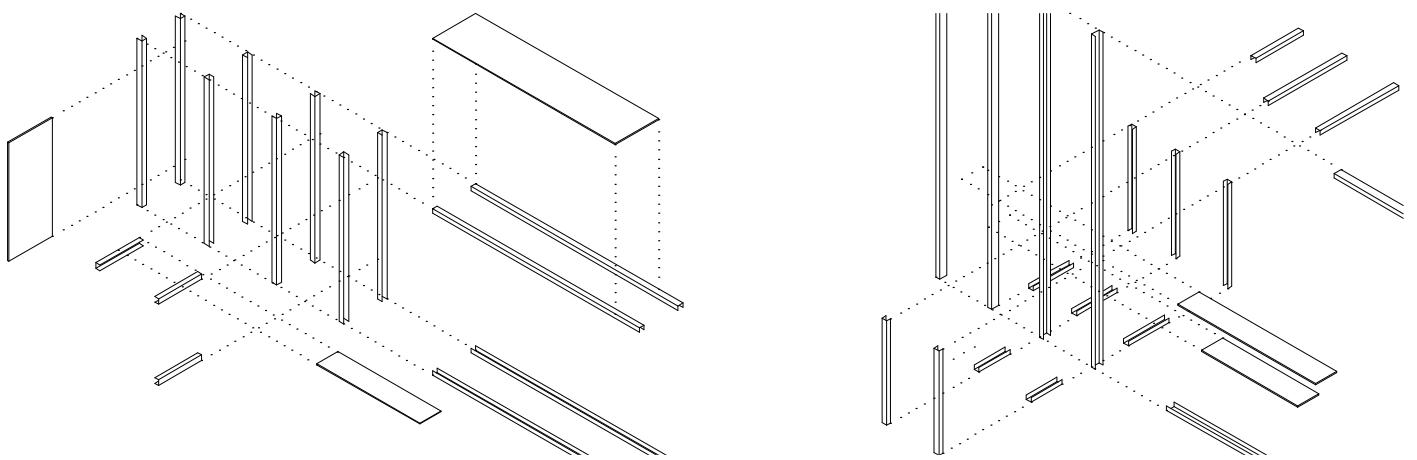
**Materials** Galvanized steel, MDF  
**Standard components used** Drywall Framing: U-Track, C-Stud  
**Availability of components** Very high  
**Assembly/disassembly process** Dry assembly with power tools  
**Reversibility of the process** 100%

**Exhibited artwork** Variable (framed artworks, works on paper, etc)  
**Support system** Totem  
**Interface support/structure** -  
**Adjustment devices** -  
**Supporting structure** -

**Transport / Handling** L2-3 Van / hand handling  
**Single element max. size** 1,5 to 3 m lenght  
**Max. dimension(assembled)** 215 x 150 x 45m, 165 x 300 x 80m

Notes

*Structural elements*



*Installation view*



*Photo: Martina Pozzan*

Freestanding display system based on **inclined wooden panels** resting against existing walls. Images are inserted through **minimal lateral profiles**, allowing tool-free installation and replacement. No wall perforation is required, the system relies on **controlled leaning and gravity**. Museum-grade glazing ensures **museum conservation standards** while maintaining visual lightness.

**Object** Leaning display system  
**Folders** B, C, I

|                        |   |
|------------------------|---|
| <b>Context</b>         | Exhibition space                        |
| Requirement            | Unconstrained placement along the walls |
| Protection constraints | -                                       |

|                             |                              |
|-----------------------------|------------------------------|
| <b>Structural principle</b> | Gravity-based leaning panel  |
| Ground contact strategy     | Linear support               |
| Stability control           | Rear anti-tip bracket        |
| Load transfer method        | Gravity load, lateral thrust |

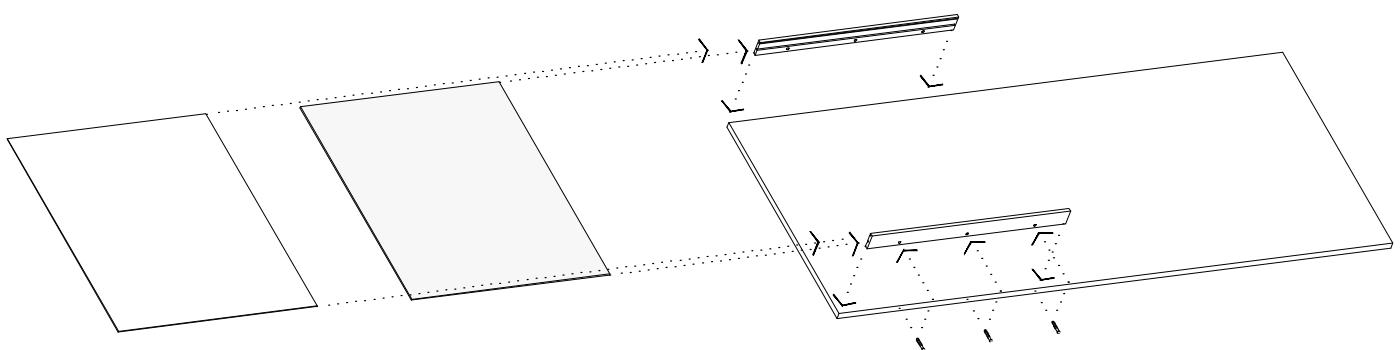
|                              |                               |
|------------------------------|-------------------------------|
| <b>Materials</b>             | MDF, maple wood, glass AR70   |
| Standard components used     | -                             |
| Availability of components   | High                          |
| Assembly/disassembly process | Dry assembly with power tools |
| Reversibility of the process | 100%                          |

|                             |   |
|-----------------------------|---|
| Exhibited artwork           | Images mounted on DiBond                |
| <b>Image support system</b> | Side Support Rails screwed to MDF board |
| Interface support/structure | Leaning                                 |
| Adjustment devices          | -                                       |
| Supporting structure        | Wall/floor                              |

|                             |                                |
|-----------------------------|--------------------------------|
| <b>Transport / Handling</b> | L2 Van / hand handling         |
| Single element max. size    | 140 x 25cm, 160 x 60cm         |
| Max. dimension(assembled)   | 140 x 25 x 5cm, 160 x 60 x 5cm |

Notes

*Assembly*



*Installation view*



**A self-made workstation** ready for use in **2 hours**, from the initial idea.

**Self-supporting braced frame** assembled from readily available timber profiles allows **non-prescriptive configurations** and supports **open-design and self-production**.

The open assembly logic enables reinterpretation, reversibility, and reuse across different exhibition requirements and other spatial uses.

**Object** Wooden table structure

Folders B, D, F, G, I

**Context** Working space

Requirement Flexibility, cost-effectiveness, self-producibility, reconfigurability

Protection constraints -

**Structural principle** Braced frame structure with butt joints

Ground contact strategy Static point load

Stability control Bracing

Load transfer method Gravity load

**Materials** Pine timber

Standard components used -

Availability of components Very high

Assembly/disassembly process Dry assembly with manual or power tools

Reversibility of the process 100%

Working surface Wooden board

Board support Wooden braced frame structure

Interface support/structure -

Adjustment devices -

Supporting structure -

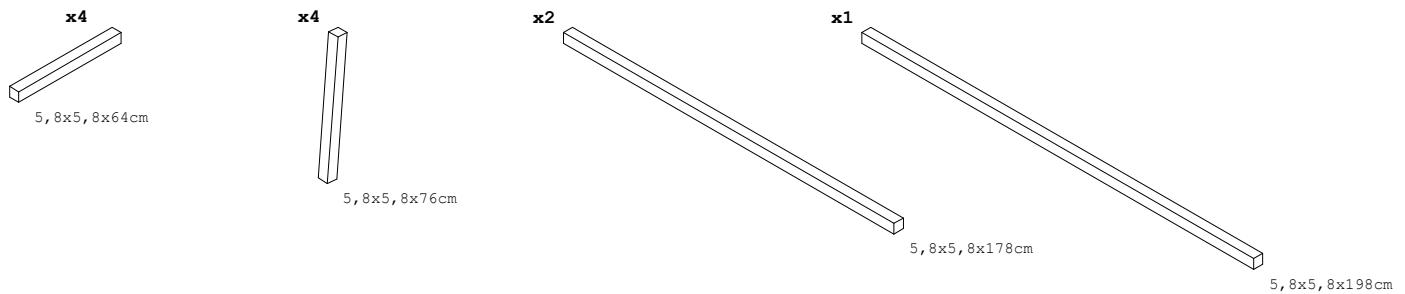
**Transport / Handling** Car / hand handling

Single element max. size ca. 200cm lenght

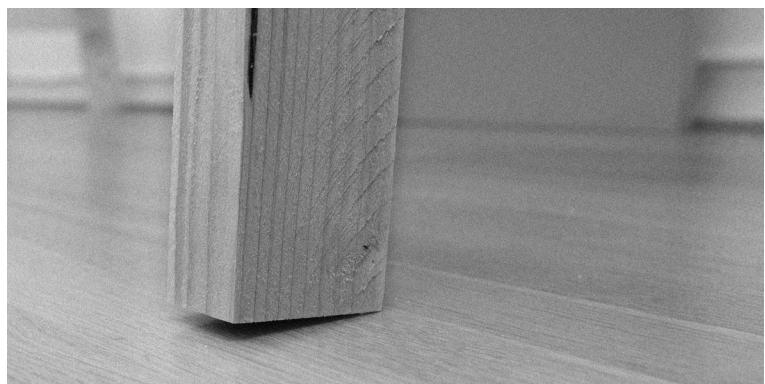
Max. dimension(assembled) 178 x 71 x 78cm

Notes

*Schedule of components*  
Configuration#1 table 200x70



*Views*



**Colophon**

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