

PRONTUARIO LABOR
exhibit solutions handbook

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Laboratorio di
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multidisciplinare
L A B O R

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.

Heritage preservation - A		
Protected historic buildings	Context	
Non-invasive, reversible solutions	Approach	
Temporary supports that preserve both object and architecture	Action	
Reversibility - B		
Temporary use and protected environments	Context	
Systems designed to be undone	Approach	
Full removability with no lasting impact on architecture or artworks	Action	
No frame - C		
Image-centered exhibitions	Context	
Reduction of visual mediation	Approach	
The artwork remains visually autonomous from its supporting structure	Action	
Free-standing - D		
Lack of load-bearing or fixable architectural supports	Context	
Stability achieved through geometry, mass distribution or counterweights	Approach	
Self-supporting systems operating independently from the environment	Action	
Infrastructure reuse - E		
Pre-existing technical or architectural systems	Context	
Reinterpretation of secondary infrastructures as load-bearing devices	Approach	
Activation of the existing environment as an integral part of the exhibition system	Action	
Standardization - F		
Budget constraints and material accessibility	Context	
Use of standard components available in consumer supply chains	Approach	
Reconfiguration of standard market materials	Action	
Modularity and portability - G		
Temporary installations requiring transport, reconfiguration, and reuse	Context	
Modular-lightweight components for fast assembly and transportability	Approach	
Controlled disassembly, dimensional adaptability, repeatable assembly	Action	
Unconventional contexts - H		
Non-exhibition spaces and hybrid environments	Context	
Adaptation to existing spatial constraints	Approach	
Custom systems responding to irregular conditions	Action	
Floating - I		
Need for visual lightness and detachment	Context	
Load transfer managed through tension, compression, or hybrid systems	Approach	
Perceptual lightness achieved through structural reduction/concealment	Action	
Space construction - L		
Exhibit elements operating at an architectural scale	Context	
Objects conceived as spatial devices	Approach	
Structures that generate paths, thresholds, or rooms	Action	

Folders

18.20_022-001

Context	Film set in a natural landscape
Typology	Large-scale modular scenographic elements
Support	Ground-based, tension-stabilized structures
Content	Spatial frames for movement and narration
Key aspects	Portability, lightweight structures, temporary anchoring, environmental preservation

4.19_025-001/2/4

Context	Exhibition in an historic building with archival infrastructure
Typology	Adaptive hanging system
Support	Existing metal shelving
Content	Framed images and panels
Key aspects	Infrastructure reuse, floating display, precision adjustment, no wall intervention

4.19_024-001-01

Context	Archival/editorial exhibition
Typology	Minimal display for paper-based content
Support	Inclined glass panels on light brackets
Content	Single sheets extracted from publications
Key aspects	Material reduction, reversibility, image autonomy, visual lightness

4.19_024-002

Context	Exhibition in an historic church
Typology	Temporary suspension system
Support	Compression and tension-based structures
Content	Framed artworks
Key aspects	Non-invasive setup, floating effect, heritage preservation, adjustability

4.19_023-002

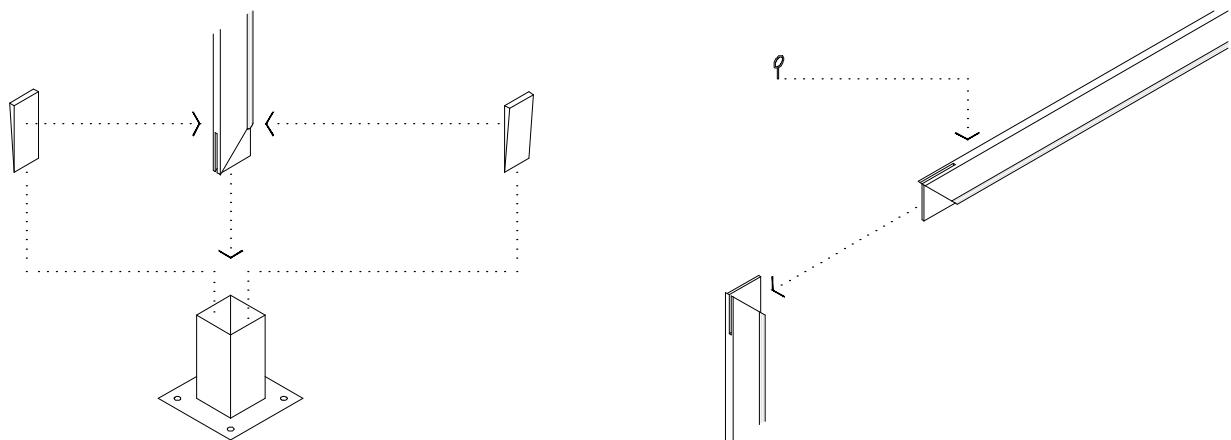
Context	Exhibition in a contemporary art gallery
Typology	Modular spatial totems
Support	Self-standing steel profiles
Content	Images, objects, mixed media
Key aspects	Modularity, standardization, infrastructure-free, reconfigurability

4.19_023-001

Context	Museum exhibition
Typology	Leaning display system
Support	Leaning elements, no wall fixing
Content	Framed images behind protective glass
Key aspects	Reversibility, preservation, no-frame, space construction

	A	B	C	D	E	F	G	H	I	L
18.20_022-001	■	■				■	■	■		■
4.19_025-001/2/4					■			■	■	
4.19_024-001-01		■	■						■	
4.19_024-002	■	■						■	■	
4.19_023-002		■		■			■			
4.19_023-001	■	■						■		
Heritage preservation										
Reversibility										
No frame										
Free-standing										
Infrastructure reuse										
Standardization										
Modularity and portability										
Unconventional contexts										
Floating										
Space construction										

Assembly



Installation view



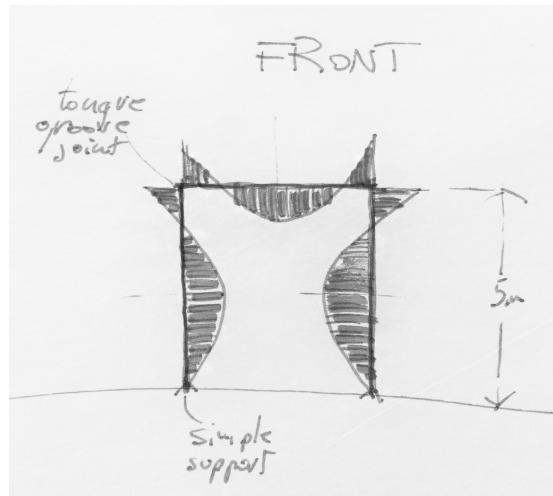
18.20_022-001

Cantando Danzavamo

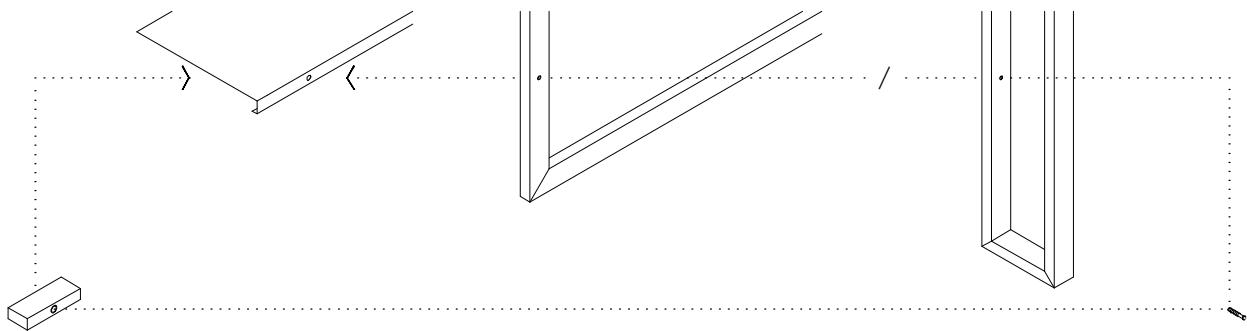
Large-scale spatial elements composed of **lightweight modular wooden portals**. Structures are assembled without hardware and stabilized through **non-invasive ground anchoring**. All components are designed for **manual transport and rapid deployment**. Despite their slenderness, the system ensures **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%
Image support system	-
Anchoring system	Standing
Interface with ground	Metal post brackets
Adjustment devices	Wooden wedges to adjust portal height and vertical
Existing supports	-
Transport / Handling	Car roof / hand handling
Smallest divisible unit	0,9 to 3m lenght
Max. dimension	5 x 3m (bigger portal)

Structural diagram



Assembly



Installation views



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

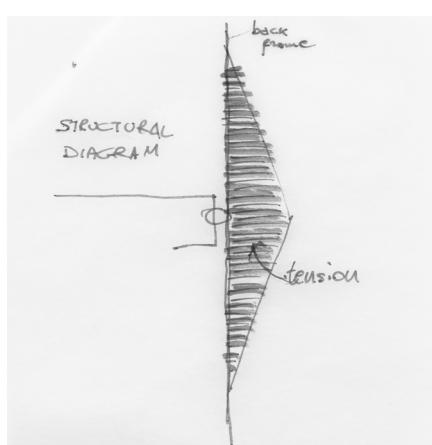
Structural principle Compression clamping system, cantilevered clamp-on structure
Ground contact strategy -
Stability control Self-stabilizing system
Load transfer method Compression (back-frame to shelf)

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

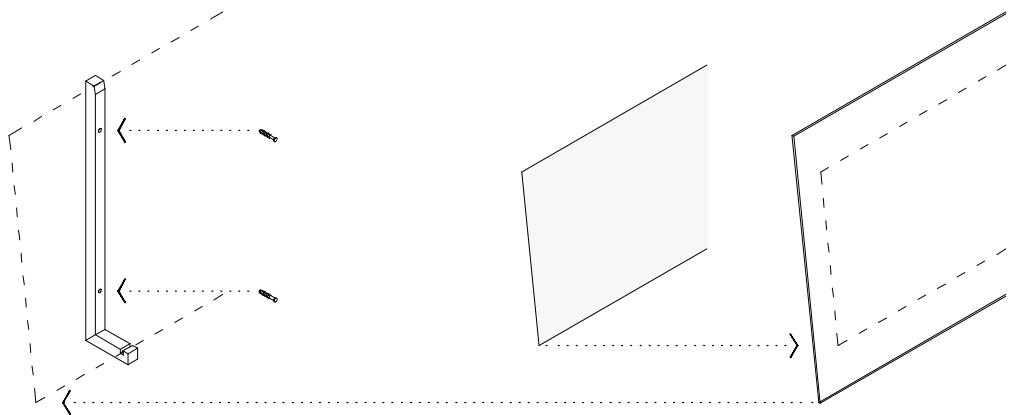
Image support system Framed image
Anchoring system Wooden back-frame
Interface with structure Rear screw-clamp
Adjustment devices Slotted hole
Existing supports Metal shelves

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

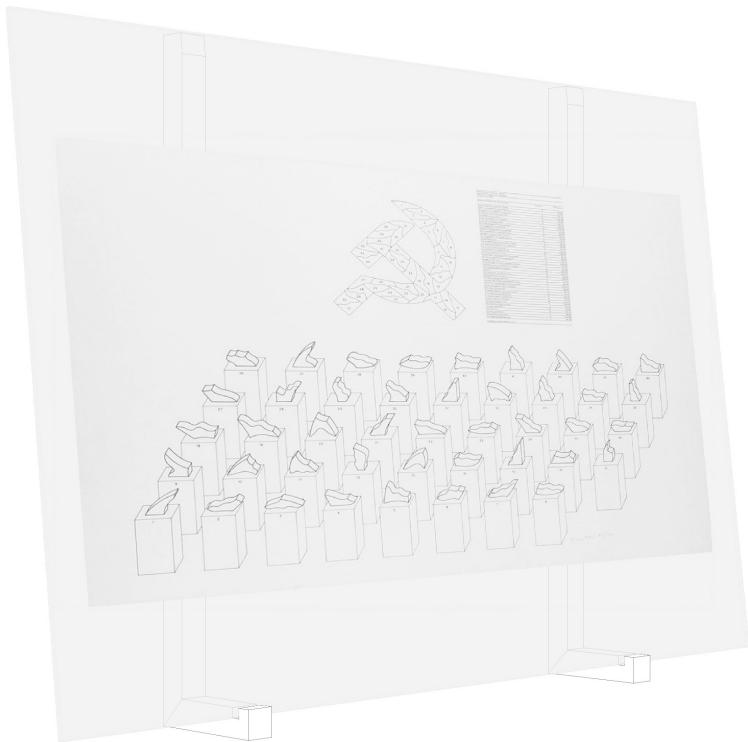
Structural diagram



Assembly



Axonometric projection



4.19_024-001-01

Untitled_1

Minimal display device designed to present archival material as **tempo-rary, 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 manual tools

Reversibility of the process 100%

Image support system Archival tape on glass

Anchoring system Glass sheet standing on L-brackets

Interface with structure Brackets drilled on wall

Adjustment devices Slotted hole

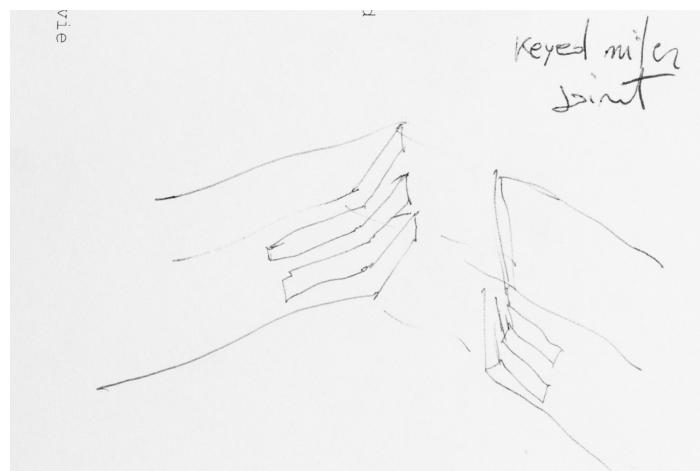
Existing supports Wall

Transport / Handling Car / hand handling

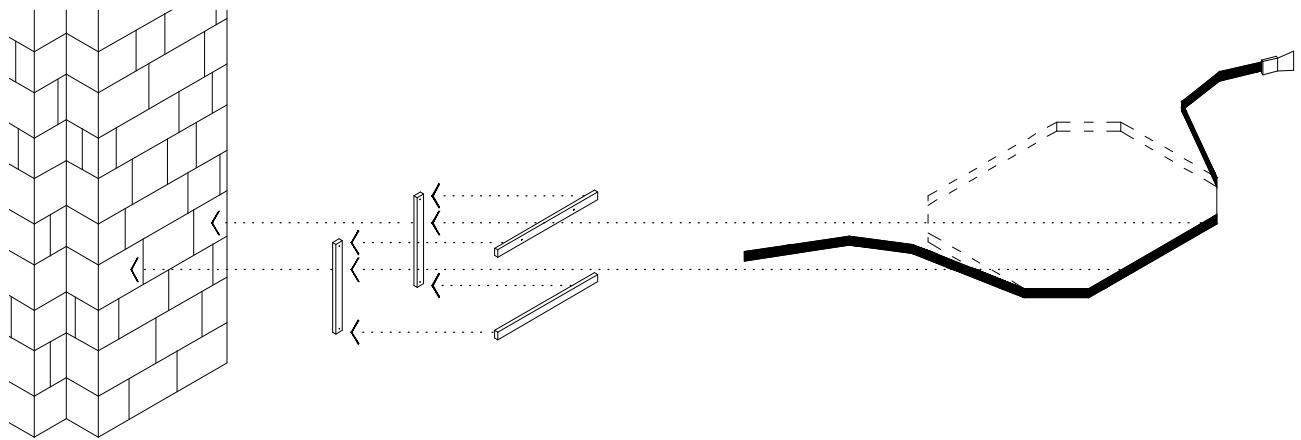
Single element max. size 47 x 9cm, 69 x 46cm

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

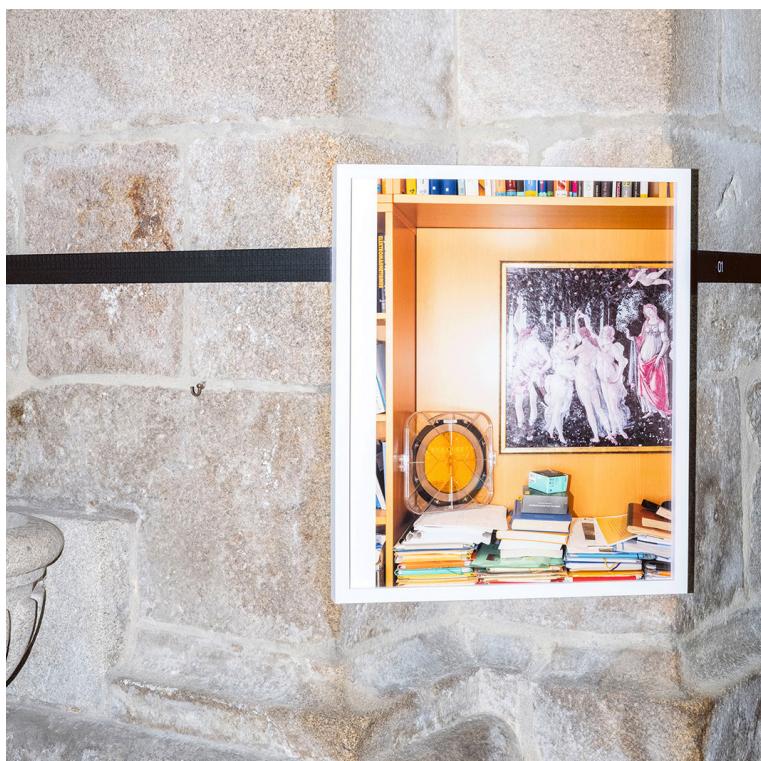
Joint



Assembly



Installation view



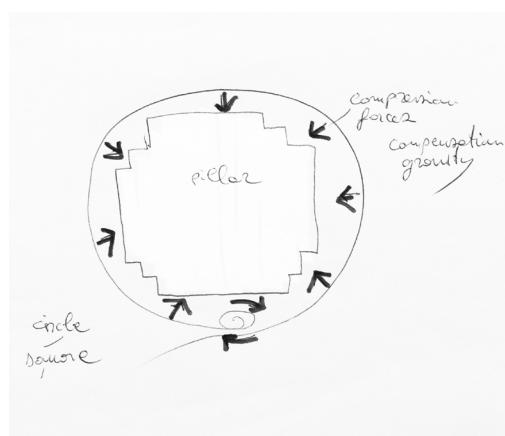
4.19_024-002

Instruments of vision

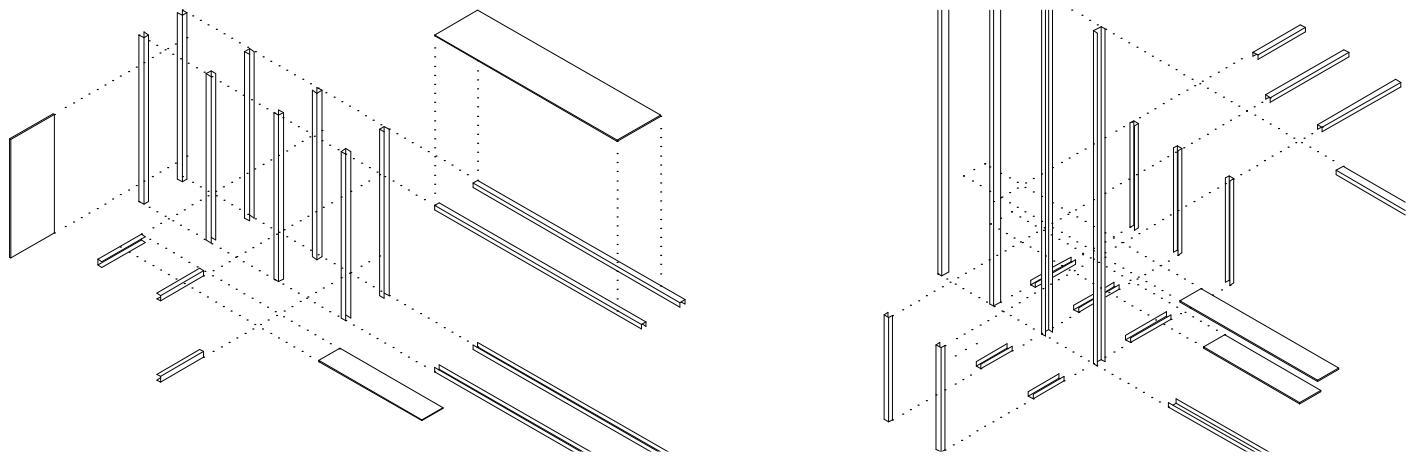
Suspended display system developed for a **historic architectural context** with no physical alteration. Light wooden frames are secured using **tensioned straps**, distributing load without surface damage. Frames enable **free positioning** in space, including corners and vertical elements. The system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

Object	Hanging system for frames
Folders	A, B, H, I
Context	Exhibition space
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%
Image support system	Frame
Anchoring system	Wooden back-frame
Interface with structure	Endless ratchet strap
Adjustment devices	Built-in feature
Existing supports	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)

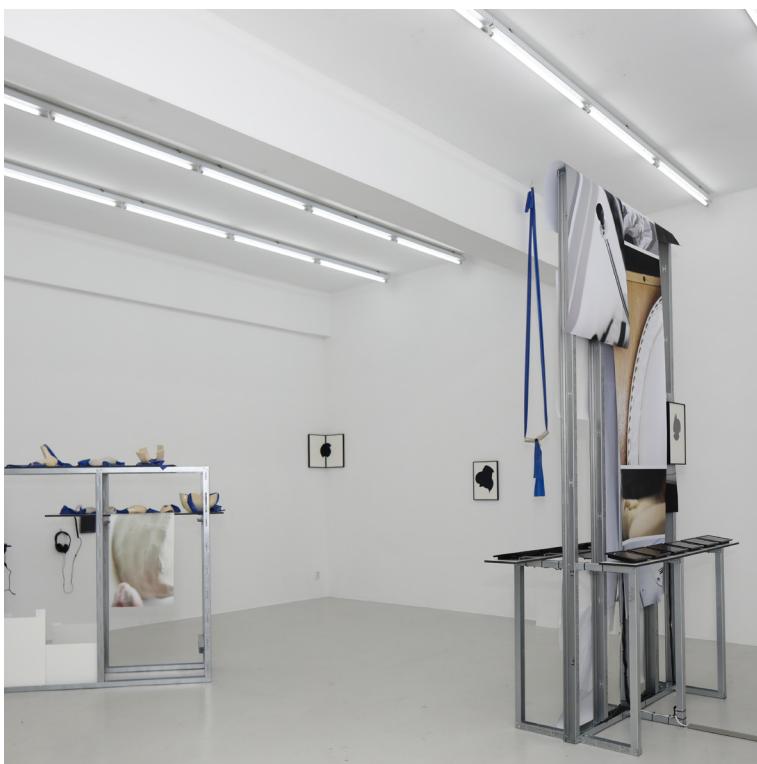
Forces iteration



Structural elements



Installation view



4.19_023-002

Greifen und Loslassen

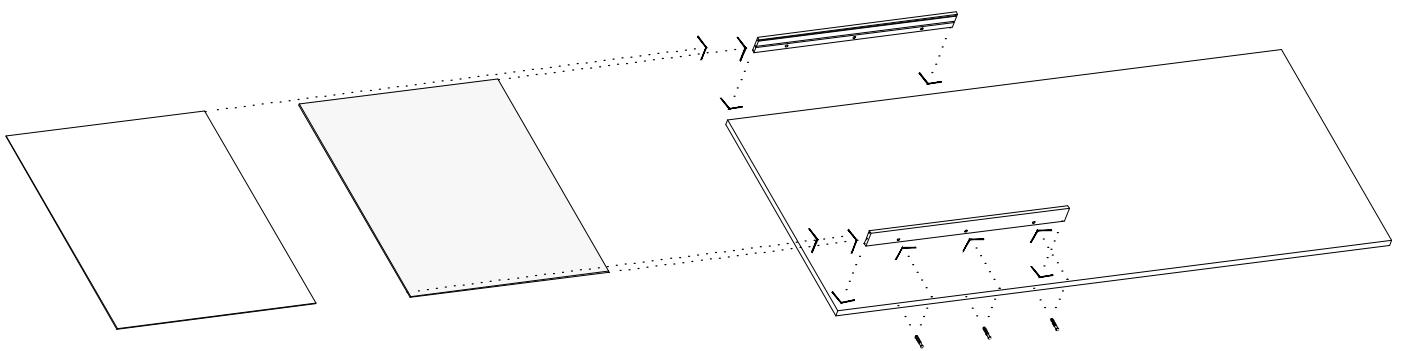
Spatial support structures built from **standard drywall steel profiles**, left exposed and untreated. Elements function as **self-standing three-dimensional supports**, adaptable to multiple layouts. The system allows **direct intervention** on surfaces while remaining fully demountable. Components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

Object	Modular spatial totems
Folders	B, D, F, G, I
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 manual tools
Reversibility of the process	100%
Image support system	-
Anchoring system	-
Interface with structure	Screw-fastening
Adjustment devices	-
Existing supports	-
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

Framework



Assembly



Installation view



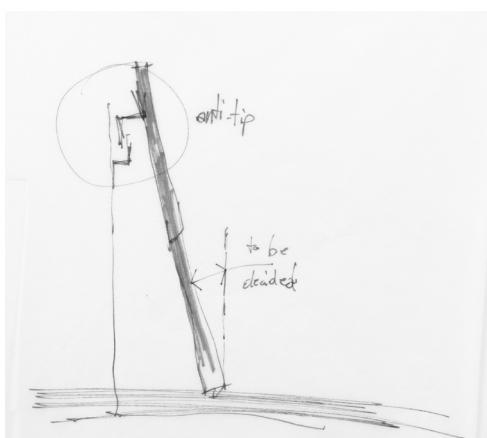
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Quantum conditions

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
Context	Exhibition space
Requirement	Unconstrained placement along the walls
Protection constraints	-
Structural principle	Gravity-based leaning panel
Ground contact strategy	Linear support
Stability control	Rear anti-tip bracket
Load transfer method	Gravity load, lateral thrust
Materials	MDF, maple wood, glass AR70
Standard components used	-
Availability of components	High
Assembly/disassembly process	Dry assembly with manual tools
Reversibility of the process	100%
Image support system	Side Support Rails
Anchoring system	Gravity held,
Interface with structure	Leaning
Adjustment devices	-
Existing supports	-
Transport / Handling	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

AnSafety device



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