Stacked Storage System
Modules w. Backboard

"The design aims at identifying this very intricate space in the world of shelving where storage, display and versatility becomes one. I have moved homes countless of times and it has made me see my belongings in a new light, valuing their ability to adapt to new and ever-changing surroundings to a high degree."

— Julien De Smedt

Designed by	Julien De Smedt
About the Designer	Julien De Smedt is the founder of JDS Architects, an award-winning, internationally acclaimed studio with an unconventional approach to architecture and design, always working to challenge the existing norms.
Environment	Indoor
Country of Production	Slovenia
Preassembled	Yes - But assembling of configurations or mounting to wall is needed.
Description	Being both versatile and functional, the Stacked Storage System can be arranged and rearranged for the exact configuration that you'd like, whether it be as shelving setups, sideboards, bookcases, or side tables. The design can easily be refreshed by playing around with the space between the modules or mounting the modules with a backboard directly onto the wall. Incorporating Modules with a Backboard and a pop of color introduces a playful element and provides a more finished appearance.
Material	Modules, plinths and shelves in PU lacquered MDF or Oak veneered fiberboard. Podium consists of powder coated steel frame and a wooden plate made from a PU lacquered MDF or oak veneered fiberboard. Clips are powder coated bent steel with rubber insert. Insert made from bent powder coated steel with rubber feet.
	Lacquered versions: Every side is cut out of MDF, glued together and painted with three layers of PU lacquer.
	Oak versions: Every side is cut out of fiberboard with oak veneer and glued together.
Cleaning & Care	Natural Oak Modules Avoid using any liquid on Natural Veneer Stacked variants. Remove dust from shelves with a soft cloth. Dry any spillages immediately with a soft cloth following the wood grains. The wood should not be exposed to excessive heat, direct sunlight, or humidity. The wood surface finish will naturally fade over time.
	Lacquered Modules Clean the modules with a damp cloth. If necessary, only use a mild detergent or washing-up liquid, not concentrated. Always wipe with a dry cloth afterward. To minimize the risk of stains and marks, liquid, grease, etc., should be removed immediately. The wood should not be exposed to excessive heat, direct sunlight, or humidity. Take care when placing or moving objects on the surfaces of Stacked as scratches can quickly occur.
	Metal Surfaces Powder-coated surfaces: Clean with a moist cloth. If necessary, use a little dish soap on the cloth.

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Additional Information	Each Stacked module comes with two Clips in the same color as the module, while Oak comes with two Clips in Grey.
	The Stacked Storage System Modules complies with the European requirements for safety, strength, durability and stability within storage — EN 16121:2013 and EN 16122:2012 — when following the assembly and configuration guidelines.
	All 24 pre-designed configurations complies with the European requirements for safety, strength, durability and stability within storage — EN 16121+A1:2017 Test Severity 2 — when following the assembly and configuration guidelines.
	The Stacked Storage System Hallway Configuration 1 and 2 complies with the European requirements for safety, strength, durability and stability – EN 16139-L2 – Requirements for non-domestic seating — when following the assembly and configuration guidelines.
Weight & Height Limits	Max. weight per module: 25 kg/ 55 lb (free-standing) & 12 kg /26.5 lb (wall-mounted). Max. total weight: 300 kg/ 660 lb when evenly distributed on the Podium. Max. total height: 285 cm/ 112.25" and max. 6 modules on top of one another. Modules must always be connected with 2 Clips or be mounted to a wall to ensure stability of the shelving system. Always follow our assembly and configuration guidelines.

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Dimensions

Large
Length:	65,4 cm / 25.75"
Height:	43,6 cm / 17.25"
Width:	65,4 cm / 25.75"
Depth:	35 cm / 13.78"

Medium
Length:	43,6 cm / 17.25"
Height:	43,6 cm / 17.17"
Width:	43,6 cm / 17.17"
Depth:	35 cm / 13.78"

Small
Length:	21,8 cm / 8.5"
Height:	43,6 cm / 17.17"
Width:	21,8 cm / 8.58"
Depth:	35 cm / 13.78"

Ready-to-Ship

White
Oak
Light Grey
Brown Green
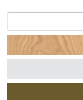
Tests, Labels & Certifications

Safety & Regulations
EAC Certificate
TSCA Title VI – formaldehyde

Strength, Durability & Stability
EN 16122 & EN 16121 Furniture

Explore Assets   DOWNLOAD SITE

Create Your Own   PRODUCT PLANNER

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STACKED STORAGE SYSTEM—ORDER GUIDE

Being both versatile and functional, the Stacked Storage System can be arranged and rearranged for the exact configuration that you'd like, whether it be as shelving setups, sideboards, bookcases, or side tables.

Option A — Choose between one of our 24 pre-designed configurations.

Option B — Design your own configuration from scratch using our diverse range of modules, bases, and accessories. Find guidance on the next pages or visit planner.muuto.com/Stacked to create your own configuration online.

The online Product Planner seamlessly integrates every guideline and assembly instruction, ensuring a smoother path to a Stacked Storage System customized for your spatial requirements!

Option A — Choose between one of our 24 pre-designed configurations

Bookcase
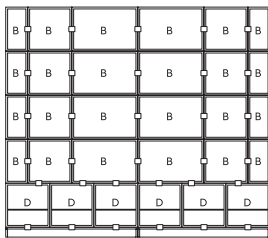
Bookcase 1
W 262 cm / 103.15"
H 228 cm / 89.76"
D 35 cm / 13.78"
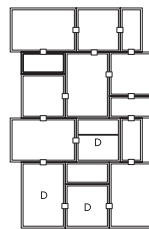
Bookcase 2
W 150 cm / 59.06"
H 218 cm / 85.83"
D 35 cm / 13.78"
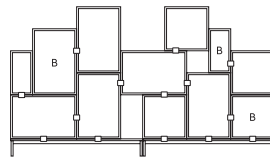
Bookcase 3
W 262 cm / 103.15"
H 148 cm / 58.27"
D 35 cm / 13.78"
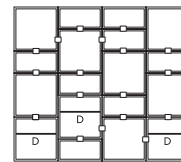
Bookcase 4
W 175 cm / 68.9"
H 153 cm / 60.24"
D 35 cm / 13.78"
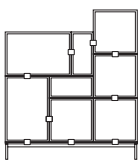
Bookcase 5
W 131 cm / 51.57"
H 148 cm / 58.27"
D 35 cm / 13.78"
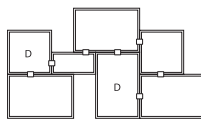
Bookcase 6
W 196 cm / 77.17"
H 109 cm / 42.91"
D 35 cm / 13.78"

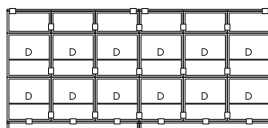**Bookcase 7 (Wall-mounted)**
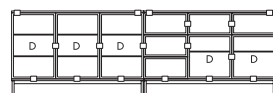W 65 cm / 25.59"
H 218 cm / 85.83"
D 35 cm / 13.78"
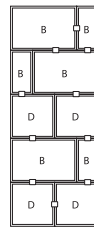
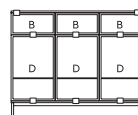**Bookcase 8**
W 87 cm / 34.25"
H 218 cm / 85.83"
D 35 cm / 13.78"
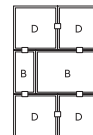
Sideboard

Sideboard 1
W 262 cm / 103.15"
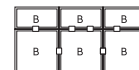H 121 cm / 47.64"
D 35 cm / 13.78"

Sideboard 2
W 262 cm / 103.15"
H 85 cm / 33.46"
D 35 cm / 13.78"

Sideboard 3
W 131 cm / 51.57"
H 106 cm / 41.73"
D 35 cm / 13.78"

Sideboard 4
W 87 cm / 34.25"
H 131 cm / 51.57"
D 35 cm / 13.78"

Sideboard 5 (Wall-mounted)
W 131 cm / 51.57"
H 65 cm / 34.25"
D 35 cm / 13.78"

B = module w. backboard
D = module w. door
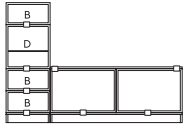The illustrations of Clips are for visual reference.
All 24 pre-designed configurations are tested according to European standard EN 16121:3013+A1:2017 Test Severity 2.
Please follow assembly rules and configuration guidelines when building your Stacked Storage System configuration.
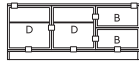
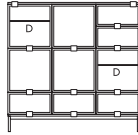muuto

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Hallway

Hallway 1
W 174 cm / 68.5"
H 119 cm / 46.85"
D 35 cm / 13.78"

Hallway 2
W 131 cm / 51.57"
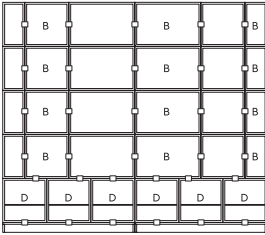H 55 cm / 21.65"
D 35 cm / 13.78"

Hallway 3
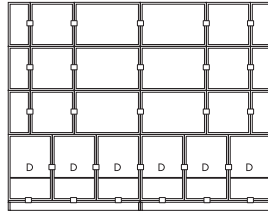W 131 cm / 51.57"
H 128 cm / 50.39"
D 35 cm / 13.78"

Hallway 4 (Wall-mounted)
W 87 cm / 34.25"
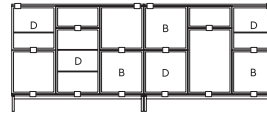H 87 cm / 34.25"
D 35 cm / 13.78"

Office

Office 1
W 262 cm / 103.15"
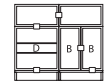H 228 cm / 89.76"
D 35 cm / 13.78"

Office 2
W 262 cm / 103.15"
H 206 cm / 81.1"
D 35 cm / 13.78"

Office 3
W 262 cm / 103.15"
H 106 cm / 41.73"
D 35 cm / 13.78"

Office 4
W 44 cm / 17.32"
H 141 cm / 55.51"
D 35 cm / 13.78"

Office 5
W 87 cm / 34.25"
H 75 cm / 29.53"
D 35 cm / 13.78"

Bedside Table

Bedside 1
W 174 cm / 68.5"
H 119 cm / 46.86"
D 35 cm / 13.78"

Bedside 2
W 131 cm / 51.57"
H 55 cm / 21.65"
D 35 cm / 13.78"

Option B — Design your own configuration

STEP 1. BASE

All Modules can be placed directly on the floor and Modules w. Back-
board or w. Door can be mounted to a wall. You can also add your
desired base, choosing from the base options as seen on the right.

All bases come in 4 different colors: Grey, White, Brown Green, Oak.
Podium w. Tube Base always comes with Grey Tube Base.

Notes
When setting up a Stacked Storage System on a Podium or Plinth, attach clips to the bottom of
each connected module on both the front and back.

All Podiums and Plinths feature 4 adjustable feet to accommodate uneven floors. Please be
aware that for the Plinths, the holes for the adjustable feet at the ends may be visible if not
covered by Modules.

A Stacked Podium is tested to withstand a maximum weight of 300 kg / 660 lbs.

Podium w. Tube Base
W 130,8 cm / 51.5"
H 17,15 cm / 6.75"
D 35 cm / 13.78"

Podium w. Tube Base
W 43,6 cm / 17.17"
H 17,15 cm / 6.75"
D 35 cm / 13.78"

Plinth
W 130,8 cm / 51.5"
H 9,8 cm / 3.86"
D 35 cm / 13.78"

Plinth
W 43,6 cm / 17.17"
H 9,8 cm / 3.86"
D 35 cm / 13.78"

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STACKED STORAGE SYSTEM—ORDER GUIDE

STEP 2. MODULES

Select the Modules of your configuration, choosing from the modules shown on the right.

All modules come in 4 different colors: Grey, White, Brown Green, Oak.

Notes

You must only stack a maximum of 5 Modules on top of each other, reaching a height no taller than 240 cm / 94.49 inches.

Door Modules must always be placed so the door opens vertically. Never place Door Modules horizontally.

Position Stacked Medium w. Door Modules no higher than 148 cm / 58.26 inches above the ground. Stacked Large w. Door Modules should only be placed on the 1st row of a configuration.

A Stacked Module is tested to hold up to 25 kg / 55 lbs.

A wall-mounted Stacked Module is tested to hold up to 12 kg / 26.5 lbs.

H 43,6 cm / 17.25"
D 35 cm / 13.78"

Small Open
W 21,8 cm / 8.58"

Small w. Backboard
W 21,8 cm / 8.58"

H 43,6 cm / 17.25"
D 35 cm / 13.78"

Medium Open
W 43,6 cm / 17.17"

Medium w. Backboard
W 43,6 cm / 17.17"

Medium w. Door
W 43,6 cm / 17.17"

H 43,6 cm / 17.25"
D 35 cm / 13.78"

Large Open
W 65,4 cm / 25.75"

Large w. Backboard
W 65,4 cm / 25.75"

Large w. Door
W 65,4 cm / 25.75"

STEP 3. TOP PLATE OR SEAT CUSHION

If relevant, add your desired number of Top Plates for a nice finish when e.g. building a sideboard configuration. Add a Seat Cushion to create a cozy nook providing additional comfort, e.g. when building a bench for your Hallway.

Top Plates come in 4 different colors: Grey, White, Brown Green, Oak.

Notes

Do not build any Stacked Storage Systems taller than 130 cm / 51.18" when building a configuration with a Top Plate. Do not build with a Top Plate if the configuration is wall-mounted.

When building with a Top Plate, minimum 4 Clips must be placed in each corner to secure the Top Plate.

The Top Plate(s) must be placed evenly on the Modules, meaning that the Top Plate(s) must not be placed so that the Top Plate(s) are sticking out from the side of the Modules beneath.

H 1,85 cm / .73"
D 35 cm / 13.78"

Top Plate
L 130,8 cm / 51.57"

H 1,85 cm / .73"
D 35 cm / 13.78"

Top Plate
L 43,6 cm / 17.17"

H 5 cm / 1.97"
D 35 cm / 13.78"

Seat Cushion Leather
L 131 cm / 51.57"

H 5 cm / 1.97"
D 35 cm / 13.78"

Seat Cushion Textile
L 131 cm / 51.57"

STEP 4. SHELVES

Add your desired Shelves or Inserts.

Shelves come in 4 different colors: Grey, White, Brown Green, Oak.
Inserts come in 2 different colors: Grey, Blue Grey.

H 1,05 cm / .41"
D 28,7 cm / 11.3"

Shelf
W 39,7 cm / 15.63"

H 20 cm / 7.87"
D 28,2 cm / 11.1"

Insert
W 39,6 cm / 15.59"

Notes

Shelves can be positioned in two fixed positions inside modules w. door.
Inserts can be placed in open modules and modules w. backboard.

STEP 5. CLIPS

Each module comes with two Clips in the same color as the module, while Oak comes with two Clips in Grey.
Identify the amount of possible extra Clips required to connect the modules in your configuration, following the guidelines below.

H 4,1 cm / 1.61"
D 2,39 cm / .94"

Clip
W 4,17 cm / 1.64"

Notes

Clips must always be used when joining together Modules, Bases and Top Plates. The Clips must connect the elements in the system from left to right to ensure the overall stability of the Stacked Storage System.

As a general rule, attach one clip to the front and one to the back of each module. When placing a Stacked clip on the backside of a Stacked Module with a Door, you must always position it at the bottom, both at the front and back.

Extra clips can be purchased separately to increase the configuration's stability. You can buy extra Clips in set of two.

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