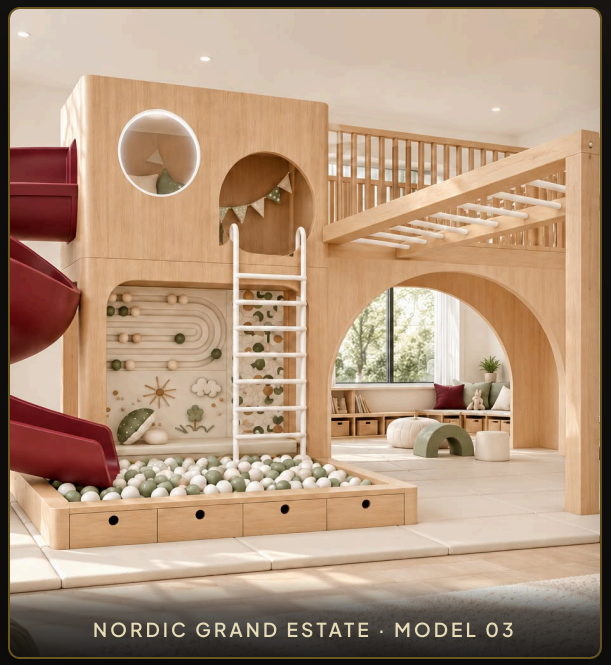
SP FABRICATION

& DESIGN

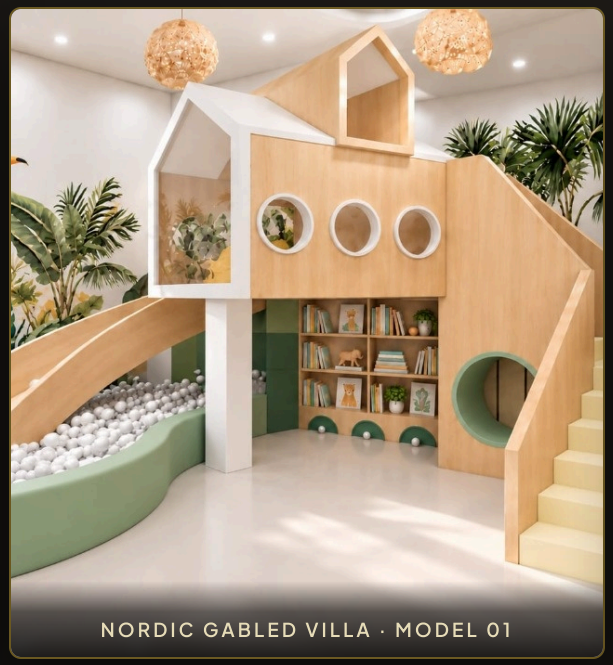
BESPOKE ARCHITECTURAL PLAYSCAPES · 2026–2027 CALENDAR & COLLECTION

THE JUNIOR ATELIER

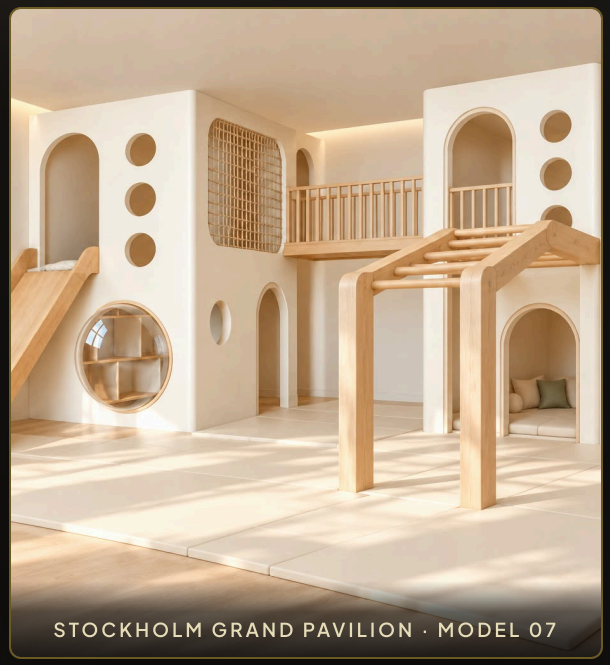
Where Architectural Integrity Meets the Wonder of Childhood Play



NORDIC GRAND ESTATE · MODEL 03



NORDIC GABLED VILLA · MODEL 01



STOCKHOLM GRAND PAVILION · MODEL 07

RESIDENTIAL ESTATES · ARCHITECTURAL SPECIFICATIONS · TRADE COMMISSIONS

CRANFORD, NJ

SP-FABRICATION.COM

THE ARCHITECTURE OF CHILDHOOD

Elevating Indoor Play to Fine Architectural Artistry.

We believe children's spaces should enrich family life without compromising the elegance and aesthetic harmony of a luxury home.

Every creation in *The Junior Atelier Collection* is designed, engineered, and hand-built to order in our Cranford, New Jersey workshop. Founded on decades of expertise in high-end bespoke furniture and architectural millwork, our play lofts transcend ordinary toy structures to become permanent architectural features of the home.

We combine child developmental psychology—sensory exploration, spatial awareness, physical motor coordination, and imaginative role-play—with heirloom-grade materials and structural joinery. Designed in close collaboration with parents, interior architects, and discerning designers.

> *"Play is the highest form of research. Architecture is the art of giving that curiosity a safe, magnificent sanctuary to flourish."*
>
> SP FABRICATION ATELIER · CRANFORD, NJ

OUR ARCHITECTURAL & CRAFTSMANSHIP STANDARDS

Engineered like permanent residential architecture—never like disposable toys.

01 Precision Structural Joinery & Smooth Edges

Engineered with internal heavy-duty structural steel gussets, concealed fasteners, and precision mortise-and-tenon framing built for active multi-child play. Every exposed edge is meticulously radiused (>8mm smooth bullnose contour) with zero sharp corners, pinch points, or snag hazards for total play safety.

02 Bespoke Architectural Integration & White Glove Service

Every playscape is tailored to your exact room floorplan, wall alcoves, and ceiling clearance. Our dedicated in-house craftsmen manage turnkey delivery in NY, NJ, PA and CT, room placement, professional structural wall/floor anchoring, and comprehensive site review—delivering an immediate, turn-key play sanctuary.

SOLID HARDWOOD CONSTRUCTION | ZERO-VOC FINISHES | RADIUSED EDGES | TURNKEY WHITE-GLOVE SERVICE



ARTISAN VILLA SERIES MODEL NO. SPF-AV01

The Nordic Gabled Villa & Library

Dual-Gabled Architectural Loft with Integrated Library, Crawl Portal & Serpentine Ball Pit

INTEGRATED LIBRARY | DUAL GABLED LOFTS | SERPENTINE BALL PIT

A breathtaking expression of Scandinavian biophilic architecture and quiet luxury. The Nordic Gabled Villa features dual pitched gables—a crisp white upper dormer and an open natural timber truss—complemented by three circular observation portholes. Beneath the elevated play loft, children discover a full-height reading library with open book displays and an enclosed secret den entered via a circular sage-green crawl portal. A contoured natural timber slide descends seamlessly into an organic curved ball pit, while wide, low-rise stairs with solid timber balustrades ensure effortless, safe climbing.

ARCHITECTURAL & PLAY HIGHLIGHTS

- Dual-gabled architectural roofline with white cottage dormer & open timber truss
- Three circular porthole observation windows for elevated discovery
- Built-in ground-level Montessori library bookcase and display cubbies
- Enclosed sage-green secret hideaway with circular crawl-through portal
- Ergonomic blonde timber slide landing directly into an organic serpentine ball pit
- Low-rise solid timber staircase with full-height balustrades and soft-toned safety treads

TECHNICAL SPECIFICATIONS

BASE STRUCTURE DIMENSIONS 13' L × 5' W × 9' 0" H (396 × 152 × 274 cm) Slide & ball pit adds +7' to length (Total Length: 20' / 610 cm)	MIN. CEILING CLEARANCE 9' 6" (2.90 m)
RECOMMENDED AGE 2 – 9 Years	PRIMARY MATERIALS Baltic Birch & Solid Poplar

Bespoke Options: Custom portal finishes · Reversible slide orientation · Custom interior shelving

Lead Time: 5–8 Wks



NORDIC MODULAR SERIES MODEL NO. SPF-NV02

The Nordic Vista Tower & Helix

Curved Birch Architectural Tower with Burgundy Spiral Slide & Ball Pit

SPIRAL SLIDE · SENSORY WALL · FLUSH DRAWERS

A triumph of disciplined footprint optimization and sensory discovery. Designed for luxury apartments, penthouses, and residences where space is valued, this curved birch tower offers high vertical architectural engagement within a compact 7-foot footprint. An enclosed deep burgundy helical spiral slide delivers safe deceleration, while the ground level integrates a ball pit with under-bed storage drawers and an abacus sensory relief wall.

ARCHITECTURAL & PLAY HIGHLIGHTS

- Enclosed 360° helical burgundy spiral tube slide for thrilling, controlled descent
- Integrated ball pit base with pearl-white and eucalyptus-sage crush-proof balls
- Four pull-out flush storage drawers with minimalist circular finger-pulls
- Interactive tactile sensory wall: wooden abacus tracks, carved clouds & mushroom
- Circular observation bubble window and open portal with fabric pennant bunting
- Solid European birch climbing ladder with ergonomic non-slip hardwood rungs

TECHNICAL SPECIFICATIONS

FOOTPRINT (L × W × H) **7' L × 5' W × 9' H (213 × 152 × 274 cm)**	MIN. CEILING CLEARANCE **9' 6" (2.90 m)**
RECOMMENDED AGE **3 – 6 Years**	PRIMARY MATERIALS **Multi-ply Baltic Birch & Heavy-gauge Slide**

Bespoke Options: Custom spiral slide colors (Navy, Forest, Ivory) · Custom sensory wall · Lead Time: 5–8 Wks



NORDIC MODULAR SERIES MODEL NO. SPF-NE03

The Nordic Grand Estate

Expanded Dual-Loft Play Estate with Monkey Bar Bridge & Climbing Ramp

MONKEY BARS · ROCK CLIMBING WALL · DUAL LOFTS

The ultimate architectural centerpiece for expansive luxury playrooms. Expanding the Nordic Vista platform into a multi-zone adventure estate, this magnificent installation links twin lofts via an overhead solid timber monkey bar skybridge. A broad angled rock climbing ramp builds gross motor coordination, while beneath lies a light-filled reading retreat with arched portals, low bench seating, and library shelving.

ARCHITECTURAL & PLAY HIGHLIGHTS

- Twin elevated play lofts connected by a heavy-duty timber monkey bar traverse
- Wide-angle rock climbing ramp featuring variegated natural stone-finish grips
- Signature deep-burgundy spiral helix tube slide for rapid, safe egress
- Grand ground-level archway lounge with built-in library bookcases & banquette
- Sunken ball pit with integrated storage drawers and padded perimeter borders
- Reinforced framing built for multi-child active play

ZONE A · MEZZANINE
Monkey Bar Traverse
Heavy-duty solid white oak suspension bridge connecting lofts for motor agility.

ZONE B · ASCENSION
Rock Climbing Wall
Angled ramp with multi-color ergonomic resin grips building strength & balance.

ZONE C · SANCTUARY
Library Arch Lounge
Expansive ground-level walk-through den with built-in bookshelves & seating.

TECHNICAL SPECIFICATIONS

FOOTPRINT (L × W × H) 16' 4" × 9' 8" × 8' 0" (498 × 295 × 244 cm)	MIN. CEILING CLEARANCE 8' 10" (2.70 m)
RECOMMENDED AGE 3 – 12 Years	PRIMARY MATERIALS Solid White Oak, Birch & Cast Resin Grips

Bespoke Options: Custom room dimensions · Integrated under-loft LED cove lighting Lead Time: 5–8 Wks



BIOPHILIC BOTANICAL SERIES MODEL NO. SPF-FO04

The Forest Observatory · Sage

Dual Fluted Cupola Domes with Incline Ramp Bridge & Wave Slide

DUAL DOMES · BOTANICAL SAGE · ACOUSTIC CANOPY

Celebrating biophilic architecture and organic forms, The Forest Observatory features twin curved towers crowned by slatted wooden dome cupolas that cast enchanting shadow patterns. A solid timber inclined bridge connects the upper lofts, complemented by a wave slide finished in soothing eucalyptus sage. Below, arched hideaways provide secret dens for imaginative play, paired with ceiling-hung acoustic felt leaves.

ARCHITECTURAL & PLAY HIGHLIGHTS

- Twin slatted wooden dome cupolas designed for ambient light play and ventilation
- Solid wood connecting mezzanine bridge ramp with protective handrails
- Contoured gentle wave slide with eucalyptus sage side bolsters and white run
- Multiple ground-level arched tunnel hideaways and secret crawl-throughs
- Convex circular observation porthole into the upper mezzanine tower
- Accompanied by custom suspended acoustic felt leaf ceiling baffles & pendants

FEATURE 01
Fluted Dome Cupolas
Architectural slatted birch domes designed for ambient light play & natural air circulation.

FEATURE 02
Inclined Bridge Ramp
Solid wood promenade connecting towers with full-height safety side balustrades.

FEATURE 03
Acoustic Leaf Canopies
Suspended sound-dampening PET felt foliage ceiling baffles and cylinder pendant lights.

TECHNICAL SPECIFICATIONS

FOOTPRINT (L × W × H) 15' 6" × 10' 4" × 8' 2" (472 × 315 × 249 cm)	MIN. CEILING CLEARANCE 9' 0" (2.75 m)
RECOMMENDED AGE 2 – 10 Years	PRIMARY MATERIALS Baltic Birch, Solid Ash & PET Felt

Bespoke Options: Custom dome rib colors · Matching tree wall art · In-tower reading nook Lead Time: 5–8 Wks



BIOPHILIC BOTANICAL SERIES MODEL NO. SPF-MP05

The Meadow Pavilion · Soleil

Curated Pastel Colorway featuring Warm Buttercup & Sky Azure Accents

BESPOKE COLORWAY · DUAL DOMES · SECRET CAVERNS

Demonstrating our bespoke color-tailoring service, The Meadow Pavilion presents our iconic dual-dome architecture in an uplifting palette of sunny buttercup and tranquil azure. Every surface is coated in a durable, scratch-resistant matte lacquer that is zero-VOC and food-grade safe. Clients and interior designers can specify any bespoke paint match from Benjamin Moore or Farrow & Ball.

ARCHITECTURAL & PLAY HIGHLIGHTS

- Custom two-tone pastel colorway: sky azure slatted dome and buttercup accents
- Elevated inclined promenade bridge connecting the observatory lofts
- Sculptural buttercup wave slide with ergonomic azure safety side walls
- Wall-mounted solid timber relief tree with matching pastel leaf discs
- Dual lower-level cavern retreats for cozy reading and imaginative refuge
- Custom color matching available to harmonize with any residential nursery palette

COLORWAY
Azure & Buttercup
Vibrant designer palette in zero-VOC matte lacquer bringing natural warmth and light.

WALL ART
Integrated Tree Relief
Matching wall-mounted timber tree motif with two-tone sculptural foliage panels.

CIRCULATION
Secret Crawl Tunnels
Arched ground-level passages for exploratory crawling and cozy hide-and-seek.

TECHNICAL SPECIFICATIONS

FOOTPRINT (L × W × H) 15' 6" × 10' 4" × 8' 2" (472 × 315 × 249 cm)	MIN. CEILING CLEARANCE 9' 0" (2.75 m)
RECOMMENDED AGE 2 – 10 Years	PRIMARY MATERIALS Premium Birch Core & Catalyzed Waterborne Finish

Bespoke Options: Custom Benjamin Moore / Farrow & Ball match · Reverse orientation · Lead Time: 5–8 Wks



SCANDINAVIAN SERIES MODEL NO. SPF-SC06

The Stockholm Cloud Studio

Modernist White Play Loft with Convex Bubble Bookshelf & Rope Netting

BUBBLE BOOKSHELF · ROPE NET MEZZANINE · BEECHWOOD SLIDE

A masterclass in modern architectural serenity. Crafted in satin warm-white lacquer paired with natural European beech, the Stockholm Studio features an iconic convex acrylic bubble dome that houses an integrated six-cell radial library—a magical reading portal. The upper sleeping and play mezzanine is secured with hand-knotted organic rope netting, paired with a solid beechwood wave slide.

ARCHITECTURAL & PLAY HIGHLIGHTS

- Architectural clear acrylic convex bubble reading dome with 6-compartment radial library
- Hand-knotted cotton safety rope net wall providing airy, luminous protection
- Solid European beechwood wave slide with raised ergonomic guide rails
- Triple circular peekaboo observation portals for whimsical visual connection
- Ground-floor arched sanctuary den with soft ambient cove-lighting channel
- Satin warm-white finish cleans effortlessly with warm water and mild soap

SIGNATURE
Acrylic Bubble Library
Convex clear reading bubble housing an integrated radial 6-compartment wooden bookshelf.

SAFETY
Rope Safety Netting
Hand-knotted cotton cord balustrade offering luminous protection and ventilation.

DESCENT
Solid Beech Slide
Precision-milled natural European beechwood slide with smoothly curved safety side walls.

TECHNICAL SPECIFICATIONS

FOOTPRINT (L × W × H) 11' 8" × 7' 6" × 7' 10" (356 × 229 × 239 cm)	MIN. CEILING CLEARANCE 8' 6" (2.60 m)
RECOMMENDED AGE 2 – 9 Years	PRIMARY MATERIALS Solid Beech, Warm-White Satin Core, Acrylic

Bespoke Options: Integrated bunk bed conversion · Built-in bookshelf LED illumination — Lead Time: 5–8 Wks



SCANDINAVIAN SERIES MODEL NO. SPF-SP07

The Stockholm Grand Pavilion

Dual-Tower Architectural Suite with Monkey Bars, Climbing Wall & Daybed

TWIN TOWERS · MONKEY BARS · DAYBED SANCTUARY

The ultimate expression of modernist Scandinavian play architecture. Twin warm-white towers are united by an overhead timber promenade bridge and an overhead solid wood monkey bar suspension traverse. The right wing features an angled rock climbing ramp with mineral-tone handholds, while below rests an arched daybed retreat with tailored floor cushions for reading and relaxation.

ARCHITECTURAL & PLAY HIGHLIGHTS

- Twin towers united by an elevated promenade balcony with timber spindle balustrade
- Heavy-duty solid hardwood monkey bar traverse for strength and coordination play
- Full rock climbing wall with custom-molded ergonomic neutral stone holds
- Ground-level daybed reading retreat complete with custom tailored floor cushions
- Integrated acrylic display sphere, rope safety netting, and solid wood slide
- Modular floor landing mat system engineered for multi-child safety

WING 01
Traverse & Rock Wall
Monkey bars overhead and full angled rock ascension ramp with natural stone holds.

CONNECTIVITY
Promenade Bridge
Elevated timber mezzanine walkway joining twin towers with vertical balustrade.

WING 02
Daybed Sanctuary
Arched ground-level lounge retreat featuring custom tailored floor cushions.

TECHNICAL SPECIFICATIONS

FOOTPRINT (L × W × H) 17' 6" × 10' 2" × 8' 0" (533 × 310 × 244 cm)	MIN. CEILING CLEARANCE 8' 10" (2.70 m)
RECOMMENDED AGE 3 – 12 Years	PRIMARY MATERIALS Solid Beech, Baltic Birch, High-Density Cushions

Bespoke Options: Custom room dimensions · Bouclé or linen upholstered floor daybeds — Lead Time: 5–8 Wks



ENCHANTED FOREST SERIES MODEL NO. SPF-WC08

The Woodland Canopy Playscape

Architectural Treehouse with Halo LED Canopies, Sensory Ball Pit & Games

HALO LED LIGHTING · KINETIC WALL GAMES · CLOUD BALL PIT

An enchanting woodland haven engineered for sensory exploration and physical discovery. Sculpted timber tree columns branch upward into ceiling canopies crowned with warm, dimmable halo LED illumination. An organic foliage-cutout bridge joins the tree lofts, flanked by an angled toddler climbing ramp, a buttercup-yellow wave slide, and an organic cloud-shaped ball pit with interactive wooden kinetic wall games.

ARCHITECTURAL & PLAY HIGHLIGHTS

- Sculptural solid timber tree trunks with indirect halo LED ceiling wash lighting (2700K)
- Organic laser-cut foliage bridge connecting dual treetop lookout platforms
- Dual movement paths: star-grip toddler climbing ramp and sunshine wave slide
- Cloud-silhouette padded sensory ball pit filled with pearl white spheres
- Interactive play elements: rotating wooden Tic-Tac-Toe matrix & kinetic marble track
- Low-voltage lighting system with wall dimmer and wireless remote control

TECHNICAL SPECIFICATIONS

FOOTPRINT (L × W × H) 12' 4" × 8' 8" × 8' 4" (376 × 264 × 254 cm)	MIN. CEILING CLEARANCE 9' 2" (2.80 m)
RECOMMENDED AGE 18 Mos – 8 Years	PRIMARY MATERIALS Solid Birch, Hard Maple, LED

Bespoke Options: Custom halo light warmth · Additional sensory activity boards · Velvet mats

Lead Time: 5–8 Wks

MASTER COLLECTION COMPARISON MATRIX · 2026–2027

All models fully customizable in dimension, orientation, and wood species

MODEL NAME & SERIES	FOOTPRINT (L × W × H)	MIN. CEILING	AGES	KEY ARCHITECTURAL ELEMENTS	LEAD TIME
01. The Nordic Gabled Villa **Artisan Series**	13' L × 5' W × 9' H (+7' slide & ball pit)	9' 6" (2.90m)	2 – 9 yrs	Dual gables, Built-in library, Crawl portal, Serpentine ball pit, Slide	5 – 8 Wks
02. Nordic Vista Tower **Nordic Series (Studio)**	7' L × 5' W × 9' H	9' 6" (2.90m)	3 – 6 yrs	Helical tube slide, Ball pit, Storage drawers, Sensory wall	5 – 8 Wks
03. Nordic Grand Estate **Nordic Series (Estate)**	16' 4" × 9' 8" × 8' 0"	8' 10" (2.70m)	3 – 12 yrs	Twin lofts, Monkey bar bridge, Rock wall, Ball pit, Lounge	5 – 8 Wks
04. Forest Observatory **Biophilic Series (Sage)**	15' 6" × 10' 4" × 8' 2"	9' 0" (2.75m)	2 – 10 yrs	Dual fluted domes, Incline ramp, Sage slide, Leaf acoustic panels	5 – 8 Wks
05. Meadow Pavilion **Biophilic Series (Soleil)**	15' 6" × 10' 4" × 8' 2"	9' 0" (2.75m)	2 – 10 yrs	Dual domes, Soleil/Azure custom lacquer, Wave slide, Tunnels	5 – 8 Wks
06. Stockholm Studio **Minimalist Series (Studio)**	11' 8" × 7' 6" × 7' 10"	8' 6" (2.60m)	2 – 9 yrs	Acrylic bubble library, Rope safety mesh, Solid beech slide	5 – 8 Wks
07. Stockholm Grand Pavilion **Minimalist Series (Estate)**	17' 6" × 10' 2" × 8' 0"	8' 10" (2.70m)	3 – 12 yrs	Twin towers, Monkey bar bridge, Rock wall, Daybed sanctuary	5 – 8 Wks
08. Woodland Canopy **Enchanted Forest Series**	12' 4" × 8' 8" × 8' 4"	9' 2" (2.80m)	18m – 8 yrs	Sculpted trees, 2700K halo canopies, Cloud ball pit, Tic-Tac-Toe	5 – 8 Wks

CURATED MATERIALS & FINISHES GUIDE

Baltic Birch & Ash
Multi-ply birch core with solid blonde ash slats. Hand-rubbed matte wax oil.

Warm-White Satin Enamel
Zero-VOC catalyzed waterborne enamel. Stain-resistant, non-yellowing, and wipes clean with warm soapy water.

Biophilic Botanical Sage
Earthy sage and eucalyptus matte lacquer formulated without endocrine disruptors or toxic chemical VOCs.

Nordic Burgundy & Navy
High-impact, food-grade rotationally molded structural polymer components with built-in UV & scratch protection.

Bespoke Colorway Matching: We formulate finishes precisely matched to Benjamin Moore®, Sherwin-Williams®, or Farrow & Ball® palettes. Over 3,000+ Custom Designer Colors

SP FABRICATION

& DESIGN

THE BESPOKE COMMISSIONING JOURNEY · 2026–2027

From Initial Room Vision to Flawless In-Home Installation

01
SPACE CONSULTATION
We review your room dimensions, floorplans, ceiling clearances, and electrical provisions via virtual or in-home consultation to recommend ideal layouts.

02
3D CAD MODELING
Our architectural team develops photorealistic 3D scale renderings showing your chosen configuration, custom color palette, and bespoke features.

03
ARTISAN FABRICATION
Handcrafted in our Cranford, NJ workshop using CNC precision joinery, solid hardwoods, and hand-applied finishes.

04
WHITE GLOVE DELIVERY
Turnkey delivery and in-room assembly by our craftsmen in NY, NJ, PA and CT. Other destinations are quoted per project.

WORKSHOP & DESIGN ATELIER
SP Fabrication & Design LLC
216 North Ave East, Cranford, NJ 07016, USA

DIRECT CLIENT INQUIRIES
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ARCHITECT & TRADE INQUIRIES
sp-fabrication.com
Standard lead time: 5–8 weeks across all models

5–8 WEEK
STANDARD LEAD TIME

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