PHOENUS CATALOG 2027

Robust Mobility



Made in Lebanon.

CATALOG CONTENT

ELECTRIC MOBILITY

03. Category Overview 3
04. Trenus on Rails 4
05. Trenus Electric Train 5
06. TooT Micro-EV 6
07. Kitchen Electric Tricycle 7

PLAYGROUND STRUCTURES

08. Category Overview 8
09. Octopus Pedal Carousel 9
10. Swing 10
11. Monkey Bridge 11
12. Ladder 12
13. Seesaw 13
14. Climbing Dome 14

CHILDREN ACTIVE MOBILITY

15. Category Overview 15
16. Triclus Solo 16
17. Triclus Cabrio 17
18. Triclus Sidecar 18
19. Triclus Taxi 19
20. Twiclus Moon 20
21. Twiclus Y-Frame 21
22. Twiclus One-Sided Frame 22
23. Twiclus Classic 23
24. Piclus Arch + Slide 24

ADULT ACTIVE MOBILITY

25. Category Overview 25
26. Triclus Adult Tricycle 26

DOME STRUCTURES

27. Category Overview 27
28. Iglus 28
29. Dome Structure F3 29

WOODEN HOUSES

30. Category Overview 30
31. Beytus 31
32. Camping Pod 1 32
33. Camping Pod 2 33
34. Tiny House 34

COMPANY & REFERENCE

01. Welcome 1
35. Business Customers 35
36. The Founder, Nicolas Abou Chaar 36
37. Our Journey: The Phoenus Timeline 37
38. Safety & Durability Commitment 38
02. Catalog Content 2

CONTACT

39. Contact Us 39

ELECTRIC MOBILITY

TRAINS & ELECTRIC VEHICLES

TRENUS ON RAILS

REF: EV-TRNS-RLS | CATEGORY: ELECTRIC

> A solar-powered touristic train.
> Designed and manufactured in Lebanon by PHOENUS.

CAPACITY & STRUCTURE

Carriages:	3
Capacity:	14 people per carriage
Total capacity:	42 people
Driving cabs:	At both ends
Manufacture:	Precision laser-cut
Chassis and structural material:	Stainless steel 304/316
Seats:	Solid Iroko wood
Flooring:	Wood or stainless steel
Windshields:	Polycarbonate

POWER & RUNNING GEAR

Motor units:	4 (two on each end wagon)
Each end wagon:	1 inverter + 1 battery 2 motors + 2 controllers
Solar panels:	4 per carriage (12 total)
Solar output:	4 kW total
Rail wheels:	Hardness >30 HRC
Brakes:	Hydraulic on end carriages
Suspension:	Rubber isolation, no shock absorbers

COMFORT & EQUIPMENT

Headlights:	Two on each end wagon
Floor lighting:	LED
Horns:	2 horns (150 dB)

PROJECT QUOTATION

Contact for Quote





TRENUS ELECTRIC TRAIN

REF: EV-TRNS | CATEGORY: ELECTRIC | 3 YEARS GUARANTEE

> High-performance 4WD electric train with a stainless steel chassis and sustainable sodium-ion battery technology. Designed for theme parks, resorts, and eco-tourism.

PERFORMANCE & POWERTRAIN

Motor: 1.5 kW (Dual motors for 4WD configuration)

Battery: 8 kWh Sodium-ion

Autonomy: 10 Hours

Max Speed: 12 km/h

FIT & CAPACITY

Capacity: 10 passengers + driver (standard train)

Length: 7 m (Standard Train)

Weight: 900 kg

Turning Circle: 6 m (High Maneuverability)

CONSTRUCTION & MATERIALS

Chassis: Laser-cut Stainless Steel

Seating: Solid Wood Benches

Configurations: Compact (2 wagons) | Standard (3 wagons) | Extended (4 wagons) |Smaller train version for Children available

Sustainability: N/A

FEATURES & LOGISTICS

Logistics: Worldwide Delivery Available

Volume: 2.5 m^3 Packaged

Accessories: N/A



PRICE

Contact for Quote

TOOT MICRO-EV

REF: TOOT EV-TT | CATEGORY: ELECTRIC | 3 YEARS GUARANTEE

> A modular, repairable urban mobility solution built with a stainless steel frame and sustainable sodium-ion battery technology.

PERFORMANCE & POWERTRAIN

Range: 65–100 km per charge (varies by configuration)
Top Speed: 25 km/h
Battery: Sodium-ion (98% recyclable)
Braking: Hydraulic + Mechanical hand brake

FIT & CAPACITY

License: AM License (14–16+)
Seating: Adjustable ergonomic seat
Use Case: Everyday Mobility | Last-mile Transport | Tourism | Urban Logistics
Op. Cost: $0 – 2 / 100 km

CONSTRUCTION & MATERIALS

Frame: Stainless Steel (SS 304)
Body: PEFC Birch Plywood
Sustainability: No dedicated molds required

FEATURES & LOGISTICS

Weather: Optional protection shell
Benefits: Eco-Friendly | Fire-Resistant Battery | Repairable | Low Cost
Logistics: N/A



TWO-SEATER	CARGO	FOUR-SEATER
USD 3,190	**USD 3,190**	**USD 5,720**

ELECTRIC KITCHEN TRICYCLE

REF: TR-K | CATEGORY: ELECTRIC | 3 YEARS GUARANTEE

> «Your mobile masterpiece: Effortless eats on wheels. Navigate urban streets with electric support & craft dishes on a gas-powered burner.»

PERFORMANCE & POWERTRAIN

Motor: 48V 750W Brushless Rear Hub

Battery: 15 Ah 48V Lithium-Ion

Braking: Front Hydraulic / Rear Mechanical

Speed: N/A

FIT & CAPACITY

Age/Height: 16+ | 160 cm+

Seat: Adjustable (160-185 cm)

Net Weight: 72 kg

Use Case: Mobile catering

CONSTRUCTION & MATERIALS

Frame: Stainless Steel (Front & Rear)

Body: Birch Plywood Tables

FEATURES & LOGISTICS

Sink: Professional with Electric Pump

Water: Clean & Used Water Reservoirs

Cooking: Gas Burner & Cool Box

Tables: 2 Folding Birch Plywood Tables

Pivot: Central Pivot up to 95°

Folded: 110 × 150 cm space

Fit: Mini vans (Kangoo, Partner, Caddy)

Logistics: N/A



PRICE

Contact for Quote

PLAYGROUND STRUCTURES

CAROUSELS, SWING, BRIDGES, SEESAW, CLIMBING STRUCTURE

OCTOPUS PEDAL CAROUSEL

REF: OTS-J/OTS-A | CATEGORY: PLAYGROUND STRUCTURE | 5 YEARS GUARANTEE

> Six-seat carousel with eight pedal arms. Online specifications list eight seats and a stainless-steel frame. Confirm seat count and frame material when ordering.

DIMENSIONS & CAPACITY

Diameter: 2.8 m

Capacity: 6 riders (configuration below)

Junior version: 5 – 12 years

Adult version: 12 – 77 years

MATERIALS & BUILD

Structure: Powder-coated steel (six-seat configuration)

Seats: Weather-resistant Polycarbonate

Bearings: Heavy-duty Central Ball Bearings

Padding: High-density Foam

Process: High-precision CNC

FEATURES & OPTIONS

Drive System: Freewheel Pedalling

Grounding: Central Interface

Challenge: N/A

Property: N/A

Safety: N/A

Options:
Junior version: DC Electricity Generator 2A +USD 770
Adult version: DC Electricity Generator 3A +USD 990

Maintenance: Low-maintenance design



OCTOPUS JUNIOR (OTS-J)
USD 2,739
Generator Option: +USD 770

OCTOPUS ADULT (OTS-A)
USD 4,169
Generator Option: +USD 990

SWING

REF: SWG | CATEGORY: PLAYGROUND STRUCTURE | 5 YEARS GUARANTEE

> Robust, high-structure swing engineered for safety and durability in demanding outdoor environments. High-precision CNC manufacturing.



DIMENSIONS & CAPACITY

Structure Height: 2.9 m

Footprint: 3.3 m (W) × 3.1 m (L)

Age Range: 5+ years

Capacity: N/A

MATERIALS & BUILD

Wood: Pine / Thermowood

Finish: Natural Linseed Protective Oil

Hardware: Stainless Steel Interfaces

Process: High-precision CNC

FEATURES & OPTIONS

Grounding: 4 Stainless Steel/Concrete Interfaces

Challenge: N/A

Property: N/A

Safety: N/A

Options: N/A

Maintenance: Low-maintenance design

RETAIL PRICE

USD 2,189

MONKEY BRIDGE

REF: MB | CATEGORY: PLAYGROUND STRUCTURE | 5 YEARS GUARANTEE

> Adventure-focused balancing challenge designed to develop motor skills and confidence. Features a 4m adventure path for young explorers.

DIMENSIONS & CAPACITY

Adventure Path: 4.0 m

Full Size: 4.0m (L) × 1.0m (W) × 2.1m (H)

Age Range: 4+ years

Capacity: N/A

MATERIALS & BUILD

Wood: Pine / Optional Thermowood

Finish: Natural Linseed Protective Oil

Hardware: Stainless Steel Interfaces

Process: High-precision CNC

FEATURES & OPTIONS

Grounding: 4 Sainless Steel/Concrete Interfaces

Challenge: Rope-Balancing

Property: Weather-Resistant

Safety: N/A

Options: N/A

Maintenance: Low-maintenance design



RETAIL PRICE

USD 2,079

LADDER

REF: LDR | CATEGORY: PLAYGROUND STRUCTURE | 5 YEARS GUARANTEE

> A robust playground ladder structure engineered for durability and safety. Features high-precision CNC manufacturing and premium materials for long-lasting outdoor use.

DIMENSIONS & CAPACITY

Dimensions: L 4.0 m x W 1.0 m x H 1.85 m

Ladder Tubes: Stainless Steel (32 mm)

Age Range: N/A

Capacity: N/A

MATERIALS & BUILD

Frame Material: Pine Wood (Optional Thermowood)

Finish: Natural Linseed Protective Oil

Hardware: Stainless Steel

Process: High-precision CNC

FEATURES & OPTIONS

Grounding: 2 SS/Concrete Interfaces

Challenge: N/A

Property: N/A

Safety: N/A

Options: N/A

Maintenance: Low-maintenance design



RETAIL PRICE

USD 2,409

SEESAW

REF: SSW | CATEGORY: PLAYGROUND STRUCTURE | 5 YEARS GUARANTEE

> A robust playground seesaw engineered for durability and safety. Features high-precision CNC manufacturing and premium materials for long-lasting outdoor use.

DIMENSIONS & CAPACITY

Dimensions: L 3.0 m x W 0.45 m x H 0.55 m

Capacity: Up to 4 Users

Age Range: N/A

Load Rating: N/A

MATERIALS & BUILD

Frame Material: Pine Wood (Optional Thermowood)

Finish: Natural Linseed Protective Oil

Hardware: Stainless Steel

Process: High-precision CNC

FEATURES & OPTIONS

Grounding: 1 Central Stainless Steel/Concrete Interface

Challenge: N/A

Property: N/A

Safety: N/A

Options: N/A

Maintenance: Low-maintenance design



RETAIL PRICE

USD 1,639

CLIMBING DOME

REF: CD | CATEGORY: DOME/PLAYGROUND STRUCTURE | 5 YEARS GUARANTEE

> A robust climbing structure and camping dome engineered for safety and durability. Features a massive 2-ton load capacity and high-precision laser-cut components.

DIMENSIONS & CAPACITY

Diameter: 3.3 m

Max Load: 2 Tons

Age Range: 4 – 12 years

Sizes: Other sizes available

MATERIALS & BUILD

Panels: 27mm 3-ply PEFC Laminated Wood (E1)

Connectors: Laser-cut Stainless Steel

Protection: D4 Glue / PU Wood Protection

Base: Laser-cut Steel (Epoxy Paint)

FEATURES & OPTIONS

Grounding: N/A

Challenge: Climbing Structure

Property: N/A

Safety: N/A

Options: Camping Dome conversion

Maintenance: Low-maintenance design



RETAIL PRICE

USD 3,839

CHILDREN ACTIVE MOBILITY

TRICYCLES, BALANCE BIKES, TODDLER PLAY STRUCTURE, PEDAL CAR

TRICLUS SOLO

REF: TR-S | CATEGORY: TRICYCLE | 3 YEARS GUARANTEE

> «The unique cockpit "hugs" your child for maximum protection against collisions.»

FIT & USE

Age: 3 – 9 years

Height: 90 – 135 cm

Net Weight: 9.8 kg

MATERIALS

Frame/Crank: Stainless Steel (SS 304)

Saddle: Laminated Wood (PEFC/E1)

Standards: EN71 Compliant

FEATURES & OPTIONS

Access: Ergonomic frame opening

Seat: Adjustable

Axle: Quick disassembly system

Colors:

Tires: Inflatable or PU Solid

LOGISTICS

Packaging: 2 units per box

Box Size: 90 × 90 × 30 cm



INFLATABLE TIRES
USD 252

PU SOLID TIRES
USD 279

TRICLUS CABRIO

REF: TR-C | CATEGORY: TRICYCLE | 3 YEARS GUARANTEE

> Streamlined and lighter model designed for easy handling and high maneuverability for young riders.



FIT & USE

Age: 3 – 9 years
Height: 90 – 135 cm
Net Weight: 7.8 kg

FEATURES & OPTIONS

Seat: Adjustable
Axle: Quick disassembly system
Tires: Inflatable or PU Solid

MATERIALS

Frame/Crank: Stainless Steel (SS 304)
Saddle: Laminated Wood (PEFC/E1)
Standards: EN71 Compliant

LOGISTICS

Packaging: 80 × 45 × 25 cm
Box Size: N/A

INFLATABLE TIRES
USD 252

PU SOLID TIRES
USD 279

TRICLUS SIDECAR

REF: TR-CAR | CATEGORY: TRICYCLE | 3 YEARS GUARANTEE

> A unique collaborative riding experience for two riders pedaling together. Engineered for shared adventure and stability.



FIT & USE

Age: 3 – 9 years

Height: 90 – 135 cm

Capacity: Two Riders

Net Weight: ~21 kg

MATERIALS

Frame/Crank: Stainless Steel (SS 304)

Saddle: Laminated Wood (PEFC/E1)

Standards: N/A

FEATURES & OPTIONS

Access: Ergonomic frame opening

Interaction: Both pedal; one steers

Seats: Adjustable

Colors: 🔴 🟢 🟡 🟣 ⚫

Tires: Inflatable or PU Solid

LOGISTICS

Packaging: 90 × 90 × 30 cm

Box Size: N/A

INFLATABLE TIRES
USD 516

PU SOLID TIRES
USD 571

TRICLUS TAXI

REF: TR-TX | CATEGORY: TRICYCLE | 3 YEARS GUARANTEE

> A high-capacity passenger transport solution featuring a robust rear trailer with significant towing capacity for resorts and parks.

FIT & USE

Age: 3 – 9 years

Height: 90 – 135 cm

Net Weight: 9.8 kg

MATERIALS

Frame/Crank: Stainless Steel (SS 304)

Saddle: Laminated Wood (PEFC/E1)

Standards: EN71 Compliant

FEATURES & OPTIONS

Access: Ergonomic frame opening

Seats: Adjustable

Colors:

Tires: Inflatable or PU Solid

LOGISTICS

Packaging: 90 × 90 × 30 cm

Box Size: N/A



INFLATABLE TIRES
USD 494

PU SOLID TIRES
USD 549

TWICLUS MOON

REF: TW-MOON | CATEGORY: BALANCE BIKE | 3 YEARS GUARANTEE

> Invertible frame (concave/convex) for growth adaptation. Two configurations: low seat to high seat.

FIT & USE

Ref: TW-MOON

Age: 1.5 – 6 years

Type: Balance Bike

Skill: Beginner to Advanced

TECHNICAL SPECS

Seat Height: 26–35cm (L) / 41–49cm (H)

Handlebar: Adjustable (5 positions)

Net Weight: 4.0 kg

Tires: Inflatable or PU Solid

Compliance: EN 71 Safety Standards

MATERIALS

Frame: 12mm PEFC Birch Plywood

Fork/Bar: Stainless Steel (SS 304)

Hardware: N/A

LOGISTICS

Carton: 60 × 30 × 10 cm (1 Unit)

Pallet: 56 Units per Europallet





INFLATABLE TIRES
USD 153

PU SOLID TIRES
USD 175

TWICLUS Y-FRAME

REF: TW-Y | CATEGORY: BALANCE BIKE | 3 YEARS GUARANTEE

> Robust design for active toddlers, featuring a 21mm Birch Plywood frame engineered for maximum durability and stability during early motor skill development.



FIT & USE

Ref: TW-Y

Age: 2 – 4.5 years

Type: Balance Bike

Skill: N/A

MATERIALS

Frame: 21mm PEFC Birch Plywood

Fork: Stainless Steel (One-sided)

Handlebar: Stainless Steel (SS 304)

Hardware: A2 Grade

TECHNICAL SPECS

Seat Height: 34 – 42 cm

Handlebar: N/A

Net Weight: 3.6 kg

Tires: 12.5-inch (Inflatable/PU)

Compliance: N/A

LOGISTICS

Carton: 60 × 30 × 10 cm

Pallet: 56 pieces per Europallet

INFLATABLE TIRES
USD 131

PU SOLID TIRES
USD 153

TWICLUS ONE-SIDED

REF: TW-OS | CATEGORY: BALANCE BIKE | 3 YEARS GUARANTEE

> Unique one-sided design allows inner tube exchange without dismantling wheels. Innovative engineering for easy maintenance.

FIT & USE

Ref: TW-OS

Age: 2 – 4.5 years

Type: Balance Bike

Skill: N/A

MATERIALS

Frame: 12mm PEFC Birch Plywood

Fork: Stainless Steel (One-sided)

Handlebar: Stainless Steel (SS 304)

Hardware: Stainless Steel A2

TECHNICAL SPECS

Seat Height: 34 – 42 cm

Handlebar: 5-position available

Net Weight: 3.6 kg

Tires: 12.5-inch (Inflatable/Solid)

Compliance: N/A

LOGISTICS

Carton: 60 × 30 × 10 cm

Pallet: 56 pieces per Europallet



INFLATABLE TIRES
USD 131

PU SOLID TIRES
USD 153

TWICLUS CLASSIC

REF: TW-S | CATEGORY: BALANCE BIKE | 3 YEARS GUARANTEE

> A timeless design for early riders, featuring a straight PEFC Birch Plywood frame that combines classic aesthetics with modern durability for children aged 2 to 4.5 years.

FIT & USE

Ref: TW-S

Age: 2 – 4.5 years

Type: Balance Bike

Skill: N/A

MATERIALS

Frame: Straight PEFC Birch Plywood

Fork: Stainless Steel (One-sided)

Handlebar: Stainless Steel (SS 304)

Hardware: A2 Grade

TECHNICAL SPECS

Seat Height: 33 – 44 cm

Handlebar: Standard or 5-position adjustable

Net Weight: 4.0 kg

Tires: 12.5-inch (Inflatable/Solid)

Compliance: N/A

LOGISTICS

Carton: 60 × 30 × 10 cm

Pallet: 56 pieces per Europallet



INFLATABLE TIRES
USD 131

PU SOLID TIRES
USD 153

PICLUS ARCH + SLIDE

REF: PLS | CATEGORY: INDOOR PLAY | 3 YEARS GUARANTEE

> A versatile wooden toy supporting creativity and physical activity. Features 12 modular setups including pickler frame, playhouse, rocking bed, and low chair.

FIT & USE

Age Range: 1 – 5 years

Environment: Indoor Play

Configurations: 12 Modular Setups

Slide: Double-sided with grips

TECHNICAL SPECS

Panels: 12mm PEFC Birch Plywood

Rods: Solid Beech Wood

Max Load: 60 kg

VARIANTS & DIMENSIONS

Small: 64cm (H) × 78cm (W) | 13kg

Large: 99cm (H) × 85cm (W) | 15kg

Slide Size: 120 cm × 46 cm

LOGISTICS

Assembly: Sold dismantled / Flat box

Box Size: 124 × 48 × 7 cm



PICLUS SMALL
USD 219

PICLUS LARGE
USD 263

ADULT ACTIVE MOBILITY

PEDAL-POWERED TRICYCLES

TRICLUS ADULT TRICYCLE

REF: TR-C/A | CATEGORY: TRICYCLE | 3 YEARS GUARANTEE

> Stability and safety for adults and teenagers. Features disc brakes and practical cargo capacity, ideal for rental activities.

PERFORMANCE & POWERTRAIN

Braking: Front & Rear Disc Brakes
Speed: Single Speed
Motor: N/A
Battery: N/A

CONSTRUCTION & MATERIALS

Frame/Fork: Stainless Steel (SS 304)
Seat: Adjustable height
Body: Stainless Steel (SS 304)
Sustainability: N/A

FIT & CAPACITY

Age: 12+ years
Height: 140 cm+
Net Weight: 16 kg
Use Case: Ideal for rental activity

FEATURES & LOGISTICS

Sizes: 20" & 24" available
Tires: Inflatable tires
Accessory: Front basket included
Logistics: N/A



RETAIL PRICE

USD 429

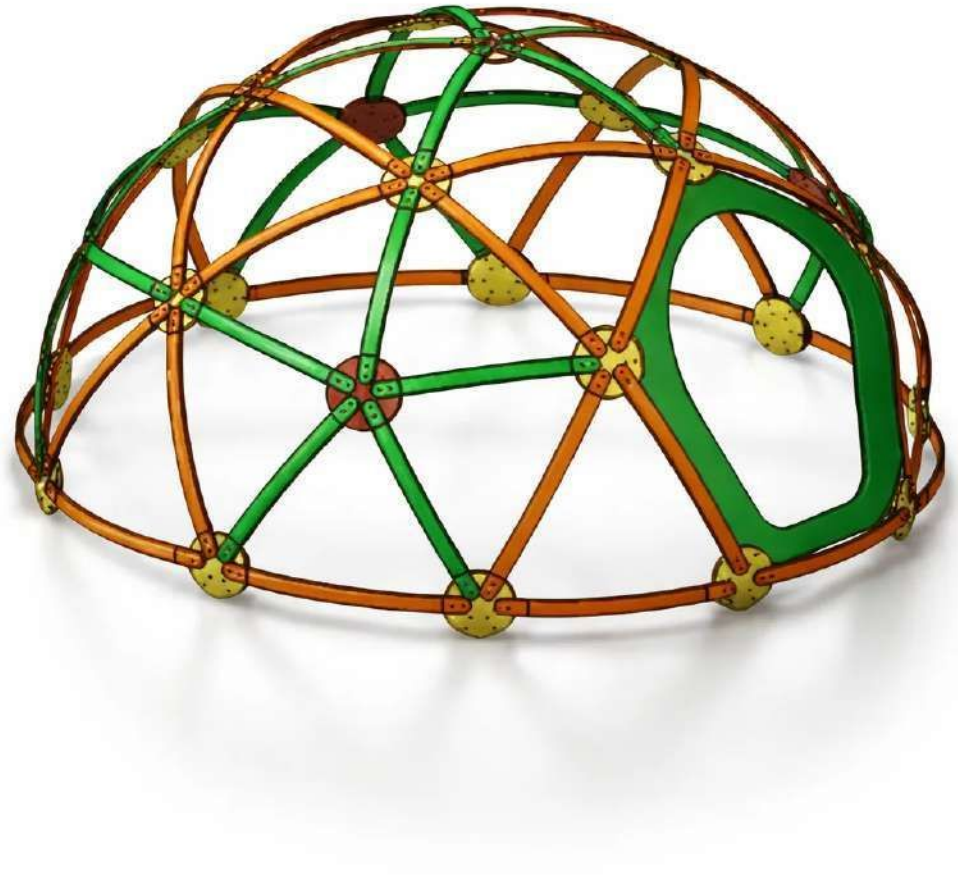
DOME STRUCTURES

WINTER GARDENS, PERGOLA

IGLUS

REF: PD-F2 | CATEGORY: DOME STRUCTURE | 5 YEARS GUARANTEE

> A high-precision dome structure designed for winter gardens. Features innovative wooden plywood connectors and a dismountable design for easy storage.



DIMENSIONS

Diameter: 5 m

Height: 2.5 m

Sizes: Various sizes available

MATERIALS & BUILD

Arms: N/A

Connectors: High-precision Plywood

Base: Laser-cut Steel (Epoxy Paint)

Hardware: N/A

Finish: N/A

COVER & SKIN

Options: Transparent / Cotton Skin

Performance: Optional Double-skin Design

CONFIGURATION & USES

Availability: Various sizes available

Intended Uses: Winter Gardens

LOGISTICS

Assembly: Dismountable into 6 sub-assemblies

Storage: Flat sub-assemblies for easy storage

RETAIL PRICE

USD 5,159

** Skin not shown in the image*

DOME STRUCTURE F3

REF: DS-F3 | CATEGORY: DOME STRUCTURE | 5 YEARS GUARANTEE

> A versatile dome structure engineered for multiple applications. Features high-precision laser-cut stainless steel connectors and premium material options for maximum durability.



DIMENSIONS

Diameter: 5 m

Height: 2.6 m

Sizes: Various sizes available

MATERIALS & BUILD

Arms: Russian Pine, Thermowood, or Stainless Steel Tube

Connectors: High-precision Stainless Steel (Laser Cut)

Base: N/A

Hardware: Stainless Steel Screws

Finish: Natural Linseed Protective Oil

COVER & SKIN

Options: N/A

Performance: N/A

CONFIGURATION & USES

Availability: Various sizes available

Intended Uses: Pergola, Climbing Structure

LOGISTICS

Assembly: N/A

Storage: N/A

SIZE DEPENDENT PRICING

CONTACT FOR QUOTE

WOODEN HOUSES

CAMPING PODS

BEYTUS

REF: PHS | CATEGORY: WOODEN HOUSE | 5 YEARS GUARANTEE

> A modular indoor/outdoor playhouse designed for durability and creative exploration. Features a robust modular construction for versatile play.



DESIGN & CONSTRUCTION

Construction: Modular System

Architecture: N/A

MATERIALS & BUILD

Panels: 12mm PEFC Birch Plywood

Cladding: Solid Pine Wood

Hardware: Stainless Steel

Water Resistance: N/A

Certifications: N/A

Connectors: N/A

SIZES & CUSTOMIZATION

Camping Pod: N/A

Playhouse: N/A

Sizes: Various sizes available

Openings: N/A

Assembly: N/A

Age Range: N/A

SIZE DEPENDENT PRICING

CONTACT FOR QUOTE

CAMPING POD 1

REF: CP-1 | CATEGORY: WOODEN HOUSE | 5 YEARS GUARANTEE

> A sustainable eco-tourism solution designed for comfort and easy relocation. This fully dismountable tiny house offers high water tightness and customizable openings.

DESIGN & CONSTRUCTION

Construction: Dismountable System

Architecture: N/A

MATERIALS & BUILD

Panels: 27mm 3-ply Laminated Wood

Cladding: N/A

Hardware: N/A

Water Resistance: High Water Tightness

Certifications: PEFC-certified | E1 Class

Connectors: Heavy-duty for multiple cycles

SIZES & CUSTOMIZATION

Camping Pod: 2.5 × 2.5 × 2.2 m

Playhouse: 2 × 2 × 1.8 m

Sizes: Various sizes available

Openings: Customizable doors & windows

Assembly: Dismountable within an hour

Age Range: 0 – 99 years



SIZE DEPENDENT PRICING

CONTACT FOR QUOTE

CAMPING POD 2

REF: CP-2 | CATEGORY: WOODEN HOUSE | 5 YEARS GUARANTEE

> A sustainable eco-tourism solution designed for comfort and easy relocation. This fully dismountable tiny house offers high water tightness and customizable openings..

DESIGN & CONSTRUCTION

Construction: Dismountable System

Architecture: N/A

MATERIALS & BUILD

Panels: 27mm 3-ply Laminated Wood

Cladding: N/A

Hardware: N/A

Water Resistance: High Water Tightness

Certifications: PEFC-certified | E1 Class

Connectors: Heavy-duty for multiple cycles

SIZES & CUSTOMIZATION

Camping Pod: 2.5 × 2.5 × 2.2 m

Playhouse: 2 × 2 × 1.8 m

Sizes: Various sizes available

Openings: Customizable doors & windows

Assembly: Dismountable within an hour

Age Range: N/A



SIZE DEPENDENT PRICING

CONTACT FOR QUOTE

TINY HOUSE

REF: TH | CATEGORY: WOODEN HOUSE | 5 YEARS GUARANTEE

> A versatile wooden house solution featuring high water tightness and a modular building technique that allows for diverse architectural designs.



DESIGN & CONSTRUCTION

Construction: Modular System

Architecture: Modular technique for diverse designs

MATERIALS & BUILD

Panels: 27mm 3-ply Waterproof Laminated Wood

Cladding: N/A

Hardware: N/A

Water Resistance: High Water Tightness

Certifications: PEFC-certified | E1 Class

Connectors: N/A

SIZES & CUSTOMIZATION

Camping Pod: N/A

Playhouse: N/A

Sizes: Various sizes available

Openings: N/A

Assembly: N/A

Age Range: N/A

SIZE DEPENDENT PRICING

CONTACT FOR QUOTE

30+ BUSINESS CUSTOMERS ALREADY TRUST US

SPA PHOENICIA

TAHADDI

LEARNING CENTER FOR THE DEAF

XOXO

ADYAR

ANGEL ACADEMY

ARNAOON VILLAGE

BRUMMANA HIGH SCHOOL

BUYCYCLE

BYBLOS NATURE

BYBLOS PUBLIC PARK

COLLEGE NOTRE DAME DE JAMHOUR

COLLEGE PROTESTANT FRANCAIS

COTTONWOOD PARK

CYCLOSPORT

DENT DE LAIT

DEUTSCHE SCHULE JOUNIEH

DOMAIN DE TAANAYEL

ENFANT CHOYE

INTERNATIONAL COLLEGE LEBANON

JOHANN LUDWIG SCHNELLER SCHOOL

LE PASSEPORT CULINAIRE

LWIS AIS

LYCEE ALPHONSE DE LAMARTINE

LYCEE NAHR IBRAHIM

MODERN INTERNATIONAL SCHOOL

MONSIF INTERNATIONAL SCHOOL

POUPEE

RIVERLAND DAIRY BIO FARM

L'ESPRIT NATURE

MOUNTAIN PARK ALEY

BARBARA MUNICIPALITY



NICOLAS ABOU CHAAR

Founder

2008	Founded Phoenus after selling a patent to a German automotive group.
2010-12	Led wheelchair production at Arcenciel, Lebanon (part-time)
2013-14	Launched wooden-frame house activity for Indevco Group.
2016	Finalist in the Lebanese Brilliant Awards by BLC Bank.
TODAY	Serves 30+ business clients.

Background: Mechanical & Industrial Engineer (AUB & Imperial College - London).

Experience: 12 years of high-level automotive experience gained within the world's most demanding suppliers in France, Germany, and the UK. This international background ensures that every vehicle we produce is built with European-grade precision and engineering logic.

OUR JOURNEY: THE PHOENUS TIMELINE

2009

THE FOUNDATION

Began manufacturing premium children's tricycles.

2017

EXPANSION

Launch of 4 Balance Bike models.

2019

ACTIVE PLAY

Diversification into innovative Playground equipment.

2021

THE PIVOT POINT

Official Certification: homologation under the european EN71 Toys Safety Norm.
Expansion into electrically assisted Adult Tricycles.

2024

THE ELECTRIC ERA

Development of the first light-weight Electric Vehicles (EV).

2025

SPECIALISED ELECTRIC VEHICLES

Delivery of a low-speed recreational electric train to a resort in Senegal

2026

FIRST BATCH OF ELECTRIC VEHICLES

Launch of the **Sekem** pre-series light-weight electric vehicle.
Launch of BaraTrain.

JAN 2027

FIRST 20 UNITS AT SEKEM

First batch of 20 units at SEKEM in Egypt.

SAFETY & DURABILITY COMMITMENT

CORE MATERIALS & PRECISION

Premium Birch Plywood:

PEFC-certified, sustainably sourced. Utilized in thicknesses from 4mm to 21mm. The 4mm thickness is precision-engineered specifically for ergonomic seating.

Renewable Stainless Steel (Inox):

A lifetime material. Unlike painted surfaces, Inox can be polished to remove scratches, returning it to a "brand new" state regardless of age.

FINISHES & ADHESIVES

European Quality:

Finishes and adhesives are imported exclusively from Europe to ensure 100% compliance with rigorous safety standards.

EN71 Compliance:

We prioritize safety over everything. All materials exceed the EN71 Toys Safety Norm for non-toxic and child-safe use.

GUARANTEE

Minimum 3 years guarantee on all products.

PRODUCT FEATURES: THE "SCHOOL-PROOF" TIRE

For high-traffic environments like schools, we offer Zero-Downtime solutions. Swap standard inflatable air tires for Solid Polyurethane "Un-poppable" Tires. Completely puncture-proof and maintenance-free.

THANK YOU

Building a sustainable future, one ride at a time.

EMAIL

yahala@phoenus.com

PHONE / WHATSAPP

+961 70 893 205

ADDRESS

St. Theodorus Street, Rihaneh
Byblos, Lebanon

ONLINE

phoenus.com
@phoenus_lb