

AGING WITH DIGNITY

ENSU

Zhongshan ENSU Technology Co., Ltd.

CATALOG



WE ARE NOT JUST MAKING PRODUCTS

– we're shaping a new way of living for modern seniors.

Welcome To The ENSU Product Solutions

We firmly believe that great technology and design can help elders restore their independence and dignity. To this end, our products follow the principles of simplicity and ease of use, striving to achieve the convenience of "**one-handed operation**" to enhance the experience on both a daily and a deeper emotional level.

Our ultimate mission is to break the cycle of intergenerational dependency, empowering every senior to live autonomously and on their own terms.

To provide seniors with an independent, autonomous, and dignified way of life, honoring the self-respect and worth of every individual.



For Home | Aging-in-Place Living:

We design and produce a range of aging-friendly products that ensure safety, independence, and dignity in the comfort of home



For Travel | Active Mobile Living:

Premium travel solutions and accessories for active, adventurous spirits who believe the journey never truly ends.

At ENSU

we offer you more than products; we provide the indestructible, all-in-one back office for your brand. This powerhouse is built on two core capabilities:

An *R&D team that understands you*
“Do the right things.”

Our veteran team, with 20+ years of medical device experience, precisely understands user needs to develop products of real value.

Whether you require **OEM, ODM, or JDM** partnership, ENSU is structured to transform these advantages into your market success.

A reliable *full-chain manufacturing system*
“Do the right things.”

We control every step from modified plastics to final assembly, fundamentally eliminating your supply chain risks and guaranteeing quality, cost, and delivery.



5 CORE ADVANTAGES



Integrated Solutions

Your One-Stop Partner for Growth



Based on our full-chain capabilities, we offer all-mode cooperation and integrate multi-brand resources



Precision R&D



Medical-Grade Insight for Market Success

20+ years of medical design experience.
80+ patents & Red Dot Awards

Intelligent Innovation



From "Smart Features" to "Real Value"

A complete technology stack covering perception, recognition, and closed-loop systems, optimized for seniors

Full-Chain Manufacturing



From Raw Material to Final Product

In-house plastics, tooling, casters & assembly. 100% supply chain autonomy

Quality Assurance



Certified Reliability, Proven by Our Lab

FDA, CE, ISO 13485 compliant. Rigorously tested in our in-house lab.

Choose Your Path to Success

Need a market-ready product?



ODM

Product Solutions

Providing mature, market-proven product solutions developed by our veteran team to mitigate your risks and accelerate market entry.

P4-P12

Have a design, seeking manufacturing?



OEM

Precision Manufacturing

Leveraging our powerful full-chain capabilities to realize your product designs with precision and high quality.

P13-P30

Have an innovative idea?



JDM

Joint Development

Opening our R&D and manufacturing platforms to jointly define and develop future-leading innovative products with you.

P31-P34

ODM
Brand This Product & Launch Now

**ODM Product Solutions
Powered by Medical-Grade R&D**

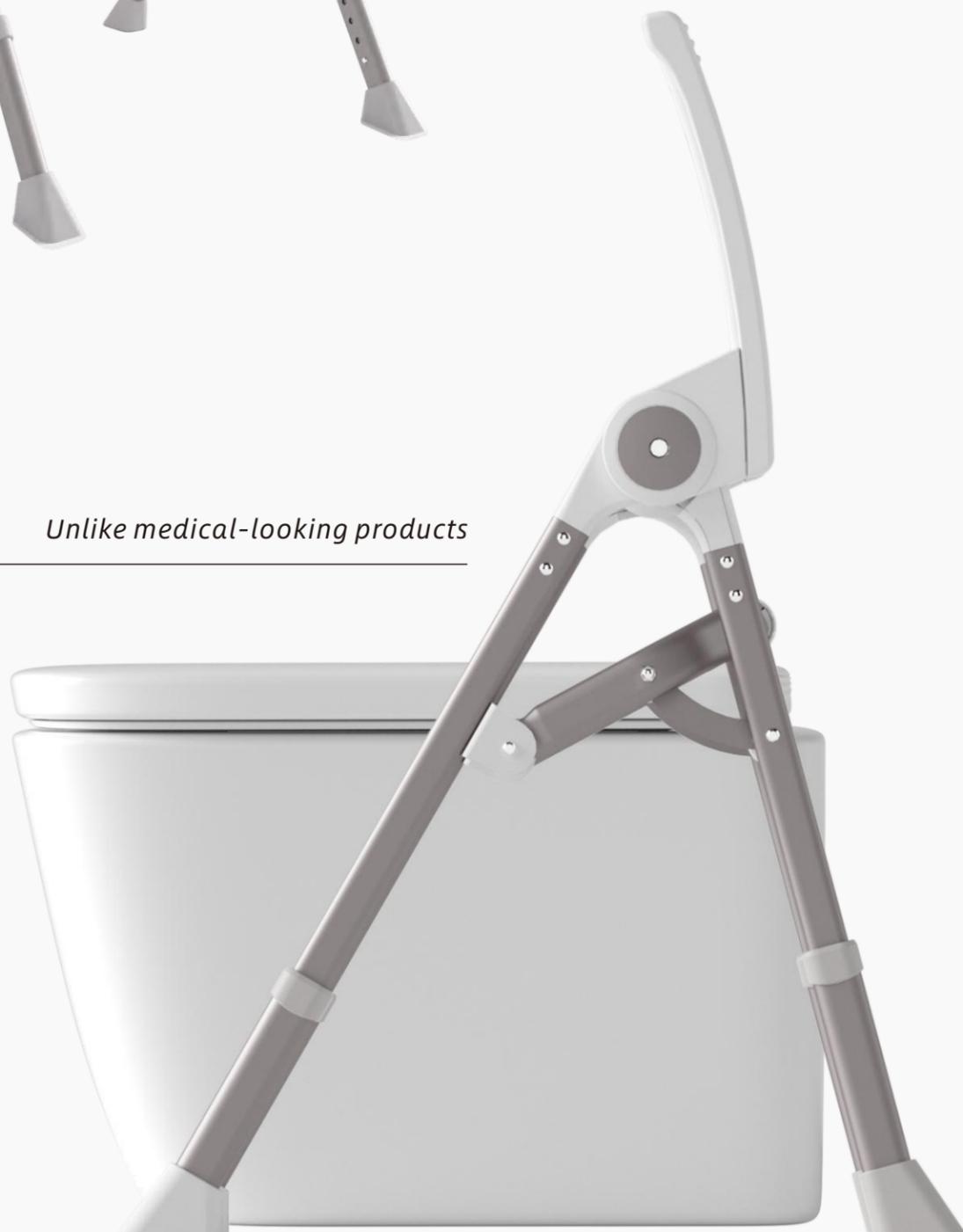
For partners who want to launch quickly and mitigate risks with proven solutions

SwiftWing

Folding Toilet Rail

Folds or unfolds in **1** second with a single hand
Love is not constant presence, but constant safety.

Unlike medical-looking products



Aluminum



Flip-Up Armrests

Arms rotate backward for easy side entry or caregiver access

Suspended design offers open leg space and obstacle-free access

No Front Crossbar



Tool-Free Install

No drilling, no cementing - just snap into place in 30 seconds

True Single-Hand Operation

Pull up to fold, press down to open - effortless control

CAPACITY
350 LBS

G.W.
5.53 Kg



PACKAGE QTY(40HQ)
50x30x410 CM 50x30x410 CM



IronWing

Toilet Rail

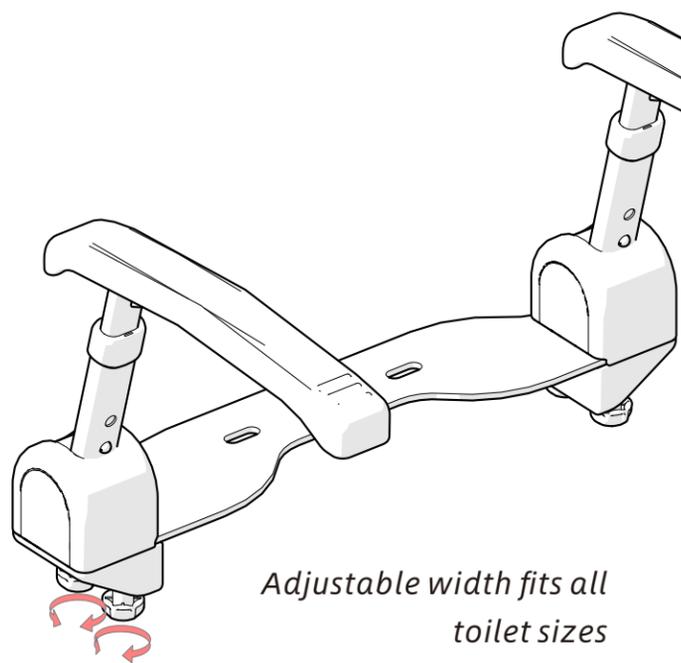
More than a rail, it's a bathroom style upgrade

CAPACITY
500 LBS

G.W.
5.30 Kg

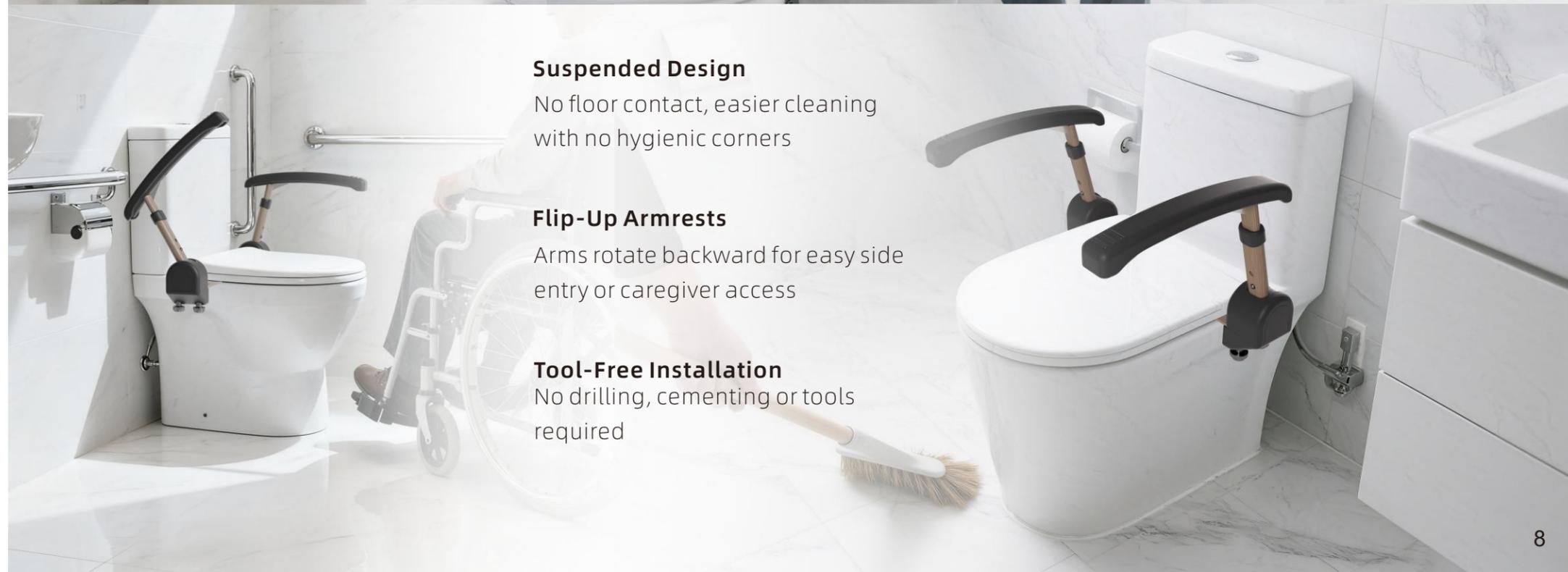


PACKAGE
50x40x10 CM



Adjustable width fits all toilet sizes

Aluminum Iron



Suspended Design

No floor contact, easier cleaning with no hygienic corners

Flip-Up Armrests

Arms rotate backward for easy side entry or caregiver access

Tool-Free Installation

No drilling, cementing or tools required

Ball

Folding Toilet Rail

Sets up in **90** seconds and folds in just **3** seconds



One-pinch Folding Technology

Folds quickly with a single press for fast storage and convenience.

Tool-Free Installation

No professional skills needed, ready to use after unboxing.

Aluminum Iron

Optional model with footrest



CAPACITY
500 LBS

G.W.
5.30 Kg



PACKAGE
50x40x10 CM

QTY(40HQ)
3516PCS

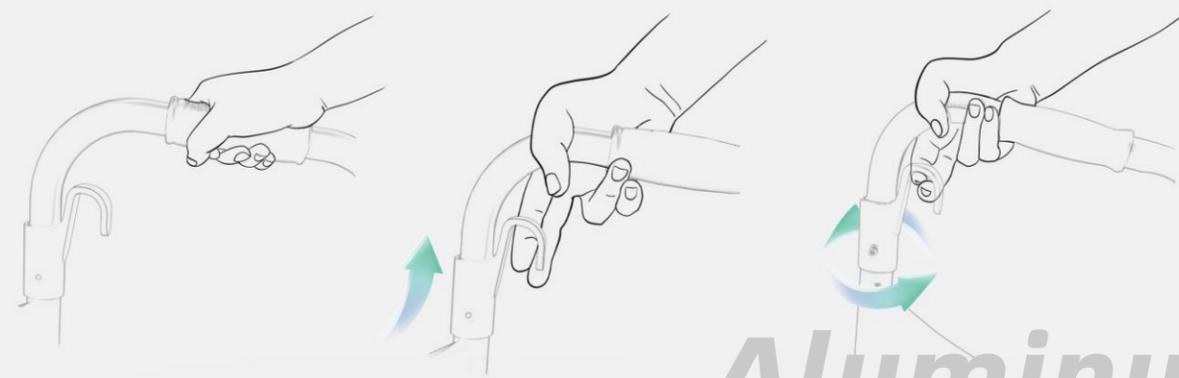




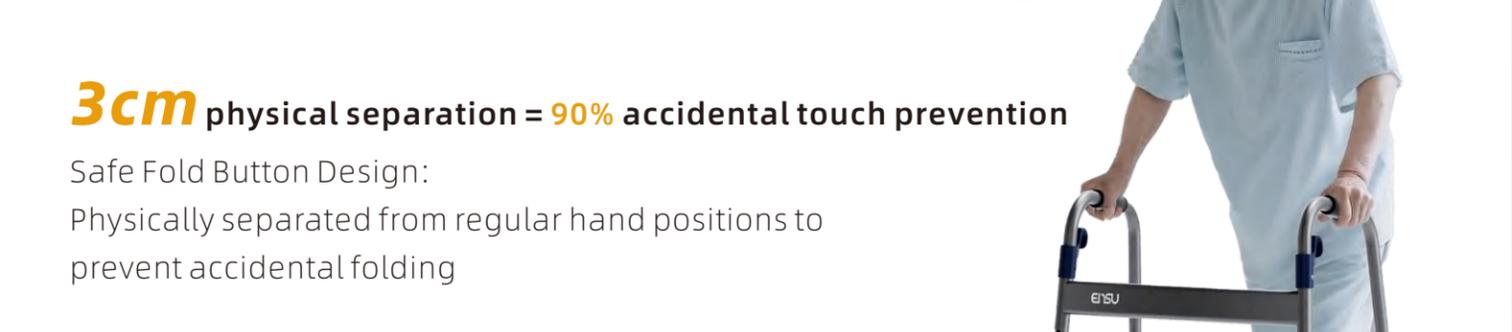
Sky Walker

One click to fold when needed,

zero risk when not



Aluminum



3cm physical separation = **90%** accidental touch prevention

Safe Fold Button Design:
Physically separated from regular hand positions to prevent accidental folding



CAPACITY
300 LBS

G.W.
4.96 Kg



PACKAGE
67x13x78.5 CM

QTY(40HQ)
985PCS



OEM

Submit Your Design for a Reliability Quote

OEM Precision Manufacturing

Guaranteed by Full-Chain Control

For partners with established designs

Who demand absolute quality and supply chain certainty.



LIMITLESS CUSTOMIZATION



FULL-CHAIN MANUFACTURING CONTROL

- Modified Plastics
- Precision Tooling
- Hardware & Molding
- Medical Casters
- Dedicated Assembly

***Customization is limitless.
Contact us for bespoke engineering solutions beyond this list.***

Mobility Series

- Rollator
- Walker

Bathroom Series

- Shower Chair
- Toilet Rail
- Raised Toilet Seat

Bedroom & Care

- Commode
- Bed Rail

Rollator *Mobility Series*

Walk further with confidence, knowing you have a seat with you at every step



Frame Color Powder Coating / Anodizing / Transfer Printing



Wheels 4", 5", 6" sizes. Material: PU / PVC / Pneumatic



Brake System Standard Loop Brake / Hidden Internal Cable Design



Seat & Back Nylon Mesh / PU Leather / Hard Plastic



Accessories Cane Holder / Shopping Bag / Cup Holder / Tray



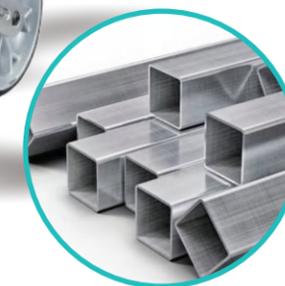
Custom Molded Parts



Logo: Laser / Embroidery



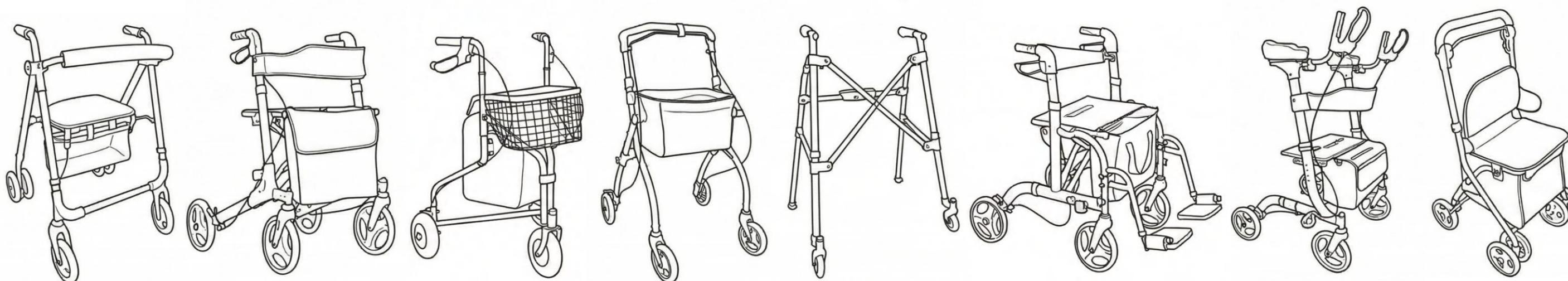
Custom Tire Tread



Tube Shape & Structure

Any Spec. Any Shape. Just Ask.

Don't see your specs? We engineer custom solutions.



Walker *Mobility Series*

The most stable walking aid: Lightweight support to help you stand and move safely



Storage Integration

Function Versatility



Frame Finish

Anodizing / Powder Coating / Chrome



Gliding & Wheels

Rubber Feet/ Sled Glides / Shock Absorbers
4", 5", 6" sizes. Single(Dual)-Wheels



Mechanism

One-Button / Dual-Button / Trigger Release



Seat Options

Nylon Fabric / Plastic / Commode Seat (with Bucket)



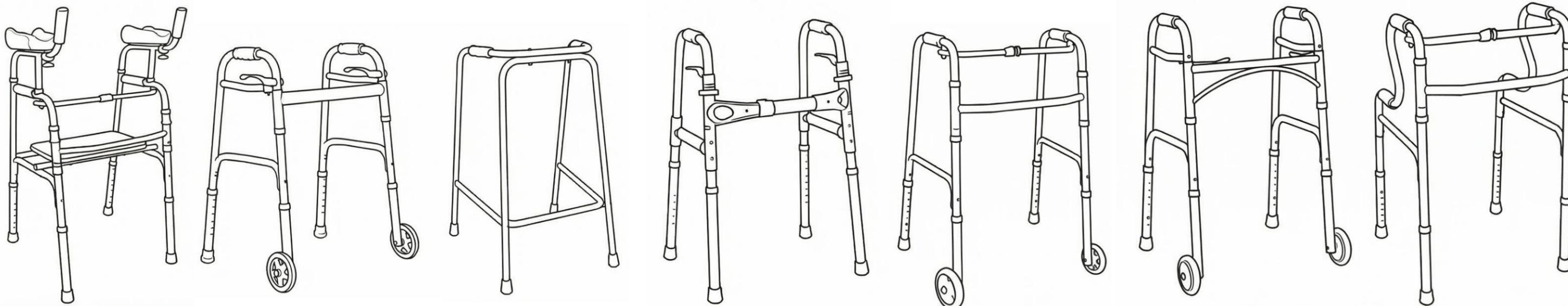
Storage

Hanging Bag / Under-seat Pouch / Side Organizer



Any Spec. Any Shape. Just Ask.

Don't see your specs? We engineer custom solutions.



Shower Chair Bathroom Series

Essential bathroom safety: Rust-proof stability with tool-free assembly



Texture & Drainage

Foldable

EVA Warm Pad

Height Adjustment



Frame Material Anodized Aluminum / Powder Coated



Feet Suction Cup Tips (Anti-slip) / Angled Tips



Seat Shape Standard Flat / U-Cut (Hygiene) / Swivel (Rotating)



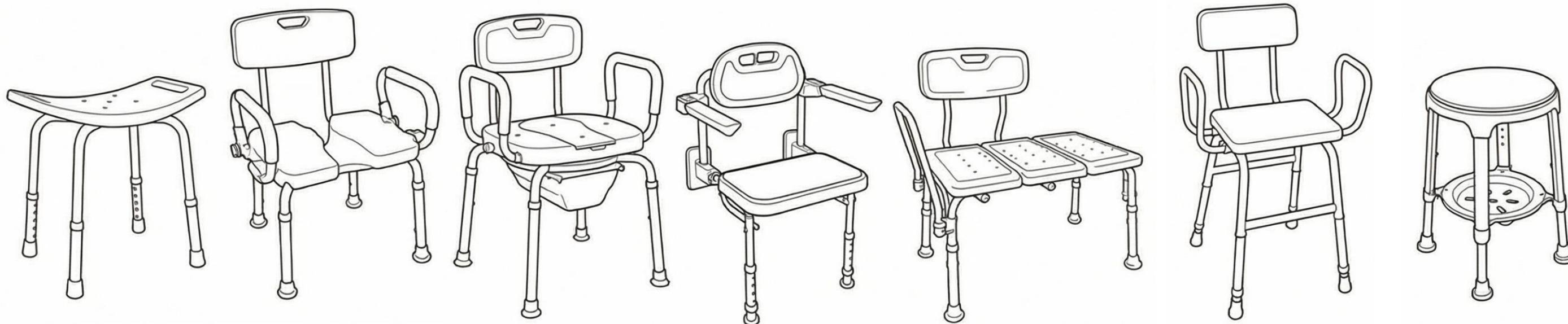
Seat Surface HDPE Plastic (Textured) / EVA Soft Pad (Warm Touch)



Structure Backrest / Armrests (Removable & Tool-Free)

Any Spec. Any Shape. Just Ask.

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Toilet Rail *Bathroom Series*

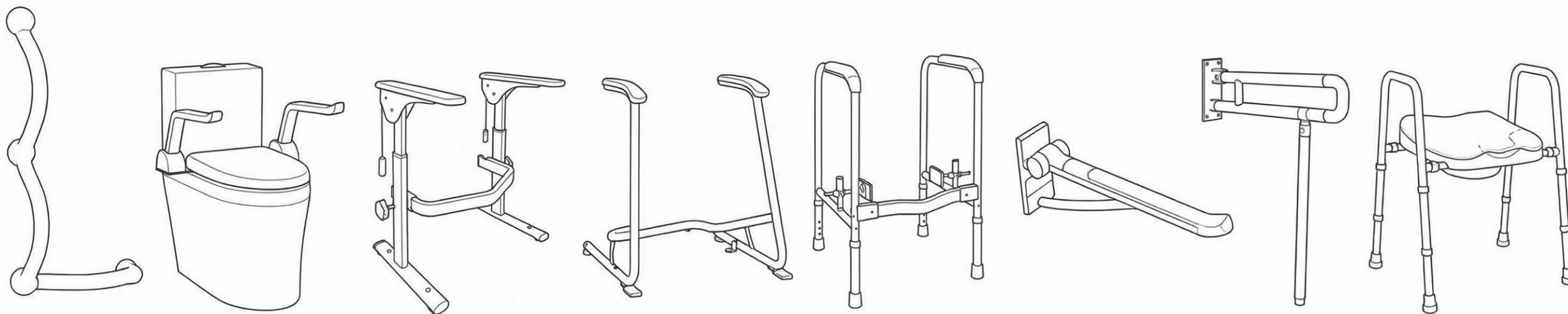
Restoring Independence: Secure support to sit and stand without assistance

	Frame Material	Anodized Aluminum / Powder Coated Steel / Stainless Steel
	Feet Options	Suction Cups (Tile) / Rubber Tips / Floor Bolts
	Armrest	HDPE Plastic / Soft Foam / Ergonomic PU / Wood
	Adjustability	Width Adjustable / Height Adjustable / Flip-up Design
	Structure Type	Clamp-on / Free-standing / Wall-Mounted / Floor-Mounted
	Installation	Tool-Free Knobs (Easy Install) / Screw-in (Permanent)



Any Spec. Any Shape. Just Ask.

Don't see your specs? We engineer custom solutions.



Raised Toilet Seat *Bathroom Series*

Adds essential height to reduce bending strain for easier sitting and standing

-  Elevation Height 2" / 4" / 6" (Standard Industry Sizes)
-  Bowl Shape Round (Standard) / Elongated / Universal Fit
-  Material HDPE (Blow Molded) / Soft PU Foam (Premium)
-  Locking Mech Front Locking / Side Clamps / Slip-on
-  Armrests Aluminum / Padded / Removable / None
-  Lid Design With Lid / Without Lid / Soft-Close Lid



Bathroom

*Any Spec. Any Shape. Just Ask.
Don't see your specs? We engineer custom solutions.*



Commode *Bedroom & Care*

A versatile 3-in-1 design acting as a bedside toilet, safety frame, or shower seat

-  **Frame Material** Powder Coated Steel (Economy) / Anodized Aluminum (Rust-proof)
-  **Seat Type** Snap-on Plastic / PU Soft Seat / Padded Vinyl
-  **Pail / Bucket** Round / Elongated / With Handle & Lid / Splash Guard
-  **Finish Color** White / Grey / Chrome / Bronze
-  **Structure** Fixed / Foldable (KD) / Drop-Arm (Easy Transfer)
-  **Mobility** Anti-slip Rubber Tips / 4" Locking Wheels (Shower use)



Drop-Arm Mechanism



Comfort & Hygiene



Pail Design



Folding Logic



Any Spec. Any Shape. Just Ask.

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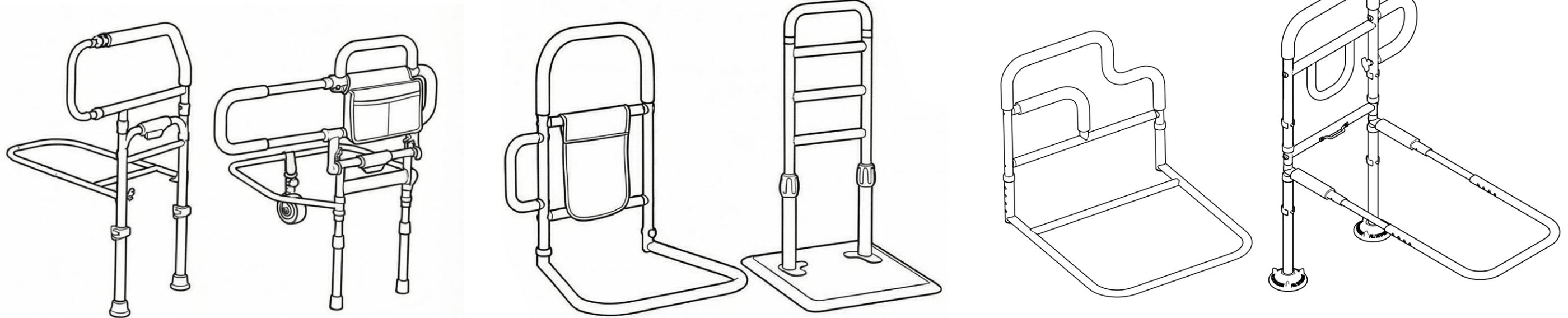
Bed Rail *Bedroom & Care*

Secure support for safe sleep and easy rising

-  Structure Type: Standard M-Shape / Adjustable Length / Swing-Down
-  Base Design: Tubular Base / Flat Bar (Unfelt under mattress)
-  Grip Material: PU Foam (Soft) / Ergonomic Rubber / Anti-slip Texture
-  Storage Pouch: Nylon / Canvas / Felt / Custom Embroidery Logo
-  Floor Support: Mattress-only / With Support Legs (Extra Stability)
-  Safety Config: Safety Strap (Anti-gap) / Motion Sensor Light



*Any Spec. Any Shape. Just Ask.
Don't see your specs? We engineer custom solutions.*



JDM

Schedule an Exploratory Session with Our Chief Engineer

JDM Joint Development Your Vision, Our Entire Ecosystem

For visionary partners with an idea
Seeking an end-to-end platform to turn concepts into market-leading products.



Structural Engineering

Safety First

Optimization for stability
and standard compliance



Tooling Development

30 Days (To T0 Sample)

In-house molding shop ensures
speed and confidentiality



Testing & Certification

In-House Lab

Pre-compliance testing (FDA/CE)
to guarantee pass rate



1

ID & Concept

DFM-Ready

We design with cost & production
logic from Day 1.



2

3

Rapid Prototyping

3 Days (Sample Ready)

Visualize your idea and verify
functions instantly



4

5

Pilot Run

Small Batch

Verify assembly line process and
fix potential risks



6

7

Mass Production

Consistent Quality

Scalable manufacturing with 100%
on-time delivery



The Success Story

Case Study: CPSC Compliant Safety Bed Rail

The Challenge

Meeting the stringent US **16 CFR Part 1270** standard to prevent life-threatening entrapment risks.

Our Solution

Redesigned frame geometry to eliminate hazardous gaps. Engineered an integrated Safety Retention System (Securing Strap) to ensure the rail stays tight against the mattress.

100% Pass Rate in 3rd-party lab testing (SGS/Intertek).

Zero recalls. Helped the client secure market share while competitors were banned.



ASTM F3186-1



Your Vision + Our Engineering



The Next Market Bestseller

High-Margin Add-ons

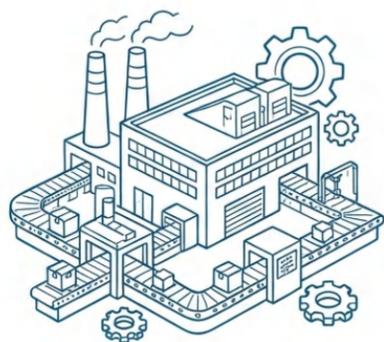
Dedicated Project Squad

Your Dedicated JDM Team:

- 1 Project Manager (SPOC - Single Point of Contact)
- 1 Industrial Designer (Red Dot Level)
- 1 Structural Engineer (20+ Years Exp.)
- 1 Electronics Engineer (IoT Specialist)

Service

By producing our own molds and modified plastics, we cut out middleman markups and optimize costs directly at the design stage



Scale & Capacity

4,000 m² Facility

50,000 Units/Month



Service & Delivery

35-45 Day Lead Time

24-Hour Inquiry Response



Partnership Flexibility

Low MOQ Supported



After-Sales & Assurance

Standard Warranty Long-Term Support



Business Terms

Payment: T/T & L/C

Sample Cost Creditable



Logistics & Delivery

FOB/CIF/EXW

ISTA Packaging



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