


2026 PRODUCT CATALOG

Elevating Industrial Efficiency

 Global Hand Trucks

*Custom
Various of
Hand Trucks*

www.globalhandtrucks.com

<https://cartmfg.com>

Xiangyue Metal Technology

Corporate Profile

Engineering Excellence in Material Handling

20+ Years of Innovation | 50+ Global Markets Served

At our core, we build the heavy-duty backbone of global supply chains. From a specialized workshop to an industry-leading manufacturing hub, our mission remains unchanged: to provide the world's most reliable transport solutions.

Manufacturing at Scale

Our state-of-the-art facility combines decades of heritage with cutting-edge technology to ensure stability and speed for bulk orders.

Production Capacity: A massive 30,000+ m² facility delivering over 200,000 units annually.

Precision Engineering: Advanced robotic welding for structural integrity and CNC machining for critical components.

Rapid Fulfillment: Optimized workflows designed for stable supply and short lead times.





Corporate Profile

Quality & Compliance

Every unit—from 500kg heavy-duty steel trucks to precision medical carts—is built to withstand the most demanding environments.

Global Standards: Fully compliant with ANSI and ISO international standards.

Rigorous Testing: Every product undergoes dynamic stress and static load evaluations in our dedicated in-house lab.

Expert Design: Focused on ergonomics to enhance safety and maximize warehouse productivity.

Our Vision: Your Custom Partner

We empower global logistics through bespoke OEM/ODM solutions. We don't just manufacture tools; we design bespoke solutions that minimize downtime and drive your business forward.



Manufacturing Excellence



Manufacturing Excellence



R&D Capability

- **R&D & Prototyping: Engineering Your Success**

From Concept to High-Performance Mobility

At Xiangyue Metal Technology, we don't just manufacture equipment; we engineer solutions. R&D and Prototyping are the heart of our commitment to excellence, ensuring every product is built for the rigors of industrial use.

Our Technical Edge

We leverage a sophisticated engineering approach to transform your most complex logistics challenges into reality:

Advanced Design Software: Utilizing high-precision **CAD and 3D modeling** to ensure perfect structural integrity before production begins.

Robust Material Science: Expert selection of materials—from high-grade steel for welding carts to 304 stainless steel for medical trolleys—ensuring maximum durability.

Iterative Prototyping: A rigorous "design-test-refine" cycle that eliminates flaws and optimizes performance for real-world environments.

The Value We Deliver

Our engineering-first mindset ensures that the hand trucks and carts we deliver meet the highest professional standards:

Ergonomic Excellence: Designed to reduce physical strain and improve operator efficiency.

Industrial Durability: Built to withstand heavy loads and harsh conditions, minimizing your equipment downtime.

Bespoke Solutions: Fully customizable designs tailored to your specific warehouse, hospital, or industrial requirements.





The OEM/ODM Ecosystem: Your Brand, Factory Direct



 **Private Labeling Service**
Comprehensive branding integrated directly into the manufacturing process.

 **Brand Logo Stamping**
Permanent, industrial-grade steel-stamped logos on main structural plates.

 **Custom Finishes**
Tailored powder coating colors to match corporate brand identities perfectly.

 **Engineering Support: Free CAD technical drawings provided to clients within 3 days** 



R&D Capability

- **Private Labeling & OEM Services: Your Brand, Our Expertise**

Scale Your Business with Low Risk and High Precision

Expand your market presence without the overhead of independent manufacturing. **At Xiangyue Metal Technology**, we provide a seamless Private Labeling service that transforms our industrial-grade hardware into your branded assets.

Tailored to Your Identity

We don't just put a logo on a box; we integrate your brand into the product DNA:

Logo & Aesthetics: High-quality branding through durable labels, silk-screening, or laser engraving on frames and handles.

Custom Specifications: Tailor load capacities, wheel materials (like our Silent PU Casters), and color schemes to match your brand's unique standards.

Bespoke Packaging: Professional, retail-ready, or industrial-safe packaging featuring your company information and barcodes.

Strategic Business Advantages

Partnering with an established Medical Utility Cart Factory and industrial supplier offers you immediate market leverage:

Reduced R&D Costs: Skip the expensive development phase by utilizing our proven, ANSI/ISO-certified designs.

Speed to Market: Efficient production cycles and a 30,000+ m² facility ensure your new product line launches on schedule.

Enhanced Brand Loyalty: Deliver consistent, heavy-duty quality that builds trust with your end-users and encourages repeat orders.



The Science of Silent Mobility: Engineering Quiet Efficiency

Precision Bearing & PU Advanced Material Technology

Core Structure: Equipped with high-specification dual-layer precision ball bearings to ensure smooth 360 degree swivel rotation.

Coefficient of Friction: Reduces startup resistance by 35% compared to standard bearings, maintaining effortless mobility even under heavy loads.

Service Lifespan: Features a sealed, dust-proof design that has successfully passed 10,000 dynamic rotation wear tests.

Acoustic Performance: Operates at < 40dB, meeting strict standards for cleanrooms and quiet office environments.

Surface Protection: 85A Shore hardness balances high elasticity with wear resistance; non-marking and safe for all floor types.

Shock Absorption: Advanced material formula effectively absorbs over 20% of ground impact and vibration.



Material Integrity

Steel Material: Q235/A36 & Q345B



Aluminum Material: 6063-T5, 304/316L



Surface Treatment

Powder Coating

- **Key Advantage:** Exceptional durability and impact resistance with a premium, fade-resistant finish



Hot-Dip Galvanizing

- **Key Advantage:** Ultimate corrosion protection with a heavy-duty zinc coating for decades of service life



Surface Treatment

Electro-Galvanizing / Zinc Plating

- **Key Advantage:** Smooth, aesthetic metallic finish with reliable rust protection and high cost-efficiency



Drip Painting / Liquid Dipping

- **Key Advantage:** Complete 360° coverage, ensuring protective coating reaches every internal crevice and joint



Industrial Hand Trucks

Heavy-Duty Industrial Hand Trucks: Engineered for 1.5x Load Redundancy

Streamline your logistics with our ISO-certified manual handling solutions. From 440lbs to 1,500lbs capacity, our trucks feature 48/72-hour salt spray resistant coating and reinforced steel frames for 24/7 high-intensity warehouse operations.



Parameters Comparison of Industrail Hand Trucks

#	SPECIFICATIONS	A (STANDARD)	B (HEAVY-DUTY)	C (EXTRA WIDE)	D (WELDING/PROFESSIONAL)
1	Load Capacity	200 kg (440 lbs)	350 kg (770 lbs)	400 kg (880 lbs)	250 kg (550 lbs)
2	Frame Material	25mm High-Tensile Steel Tube (1.2mm wall)	32mm Reinforced Steel Tube (1.5mm wall)	32mm Carbon Steel + Cross Bracing	Specialized 25mm Steel with Tank Chains
3	Overall Height	1150 mm	1310 mm	1310 mm	1180 mm
4	Toe Plate Size	355 x 220 mm	400 x 250 mm	510 x 300 mm	350 x 280 mm (Recessed)
5	Wheel Type	10" Solid Rubber	10" 4-Ply Pneumatic	10" Flat-Free PU	12" Heavy-Duty Pneumatic
6	Handle Style	Dual Plastic Grip	P-Handle (Single Hand)	Dual Safety Loop	Specialized Welding Handles
7	Self Weight	11.5 kg	14.8 kg	18.5 kg	16.5 kg
8	Ideal Application	Small Parcels / Courier	Beverage / Industrial Crates	Oversized Furniture / Appliances	Oxygen/Acetylene Cylinder Transport



Commercial Hand Trucks

Master Every Last Mile with Pro-Agility

High-performance Commercial Hand Truck designed for mall logistics and rapid delivery. Lightweight build, heavyweight reliability



Parameters Comparison of Commercial Hand Trucks

#	SPECIFICATIONS	A (LITE-FOLD)	B (MALL-PRO)	C (WIDE-BASE)	D (LOGI-ACE)
1	Load Capacity	80 kg(176 lbs)	150 kg(330 lbs)	120 kg(264 lbs)	200 kg(440 lbs)
2	Frame Material	Aluminum Alloy	Reinforced Steel	Aluminum Alloy	Aircraft-Grade Alum
3	Overall Height	1000 mm	1150 mm	1080 mm	1260 mm
4	Toe Plate Size	280 x 390 mm	300 x 400 mm	450 x 400 mm	350 x 480 mm
5	Wheel Type	5" TPR (Silent)	8" Solid Rubber	7" PU (Non-marking)	10" No-Flat Foam
6	Handle Style	Telescopic (Fold)	Flow-back Handle	Single P-Handle	Loop Handle
7	Self Weight	3.8 kg	9.5 kg	8.2 kg	11.5 kg
8	Ideal Application	Home / Office	Supermarket / Mall	E-commerce / Boxes	Courier / Delivery



Appliance Hand Trucks

Move Heavy Appliances with Pro-Level Care

Specifically engineered Appliance Hand Trucks with non-marking padding and secure tension straps. Protect your high-end investments while moving with absolute confidence.



Parameters Comparison of Appliance Hand Trucks

#	SPECIFICATIONS	A (Urban-Home)	B (Retail-Pro)	C (Stair-Climber)	D (Industrial-Max)
1	Load Capacity	180 kg(396 lbs)	250 kg(550 lbs)	220 kg(484 lbs)	350 kg(770 lbs)
2	Frame Material	1.2mm Alloy Steel	1.5mm Alloy Steel	Reinforced Aluminum	2.0mm Heavy Steel
3	Overall Height	1320 mm	1480 mm	1520 mm	1650 mm
4	Toe Plate Size	180 x 350 mm	220 x 400 mm	200 x 400 mm	280 x 450 mm
5	Wheel Setup	8" Solid Rubber	10" PU Foam	Tri-Wheel (Stair)	10" Pneumatic + 5" Caster
6	Protection System	Slim Rubber Strips	High-Density Foam	PVC Non-marring Pads	Dual Felt Padding
7	Safety Straps	Manual Buckle	Auto-Rewind (Single)	Auto-Rewind (Dual)	Heavy-Duty Winch
8	Best For	Home/Apartment	Retail & Showrooms	Multi-floor delivery	Logistics/Wholesale



Custom Hand Trucks

Your Load is Unique, Our Factory is Leading one--Your Hand Truck Should Be Too.

Stop compromising with “one-size-fits-all” tools. Build a Custom Hand Truck tailored to your specific cargo dimensions, weight requirements, and terrain challenges for zero-damage transport.



Parameters Comparison of Custom Hand Trucks

#	SPECIFICATIONS	A (Standard Steel)	B (Heavy-Duty Steel)	C (Aluminum Pro)	D (All-Terrain Climber)
1	Load Capacity	200 kg(440 lbs)	350 kg(770 lbs)	220 kg(484 lbs)	280 kg(616 lbs)
2	Frame Material	1.2mm Alloy Steel	2.0mm Heavy Steel	6061 Aluminum	Reinforced Steel
3	Overall Height	1250 mm	1550 mm	1320 mm	1480 mm
4	Toe Plate Size	180 x 350 mm	250 x 450 mm	200 x 400 mm	220 x 400 mm
5	Wheel Type	10" Pneumatic	10" Solid Rubber	8" Flat-Free PU	Tri-Wheel (Stair)
6	Handle Style	Dual Loop Handle	P-Handle / Vertical	Ergonomic Dual	Non-Slip Curved
7	Self Weight	14.5 kg	22.0 kg	10.2 kg	19.5 kg
8	Ideal Application	General Warehouse	Appliance/Logistics	Urban Delivery	Multi-floor Moving



Xiangyue Metal Technology



Aluminum Hand Trucks

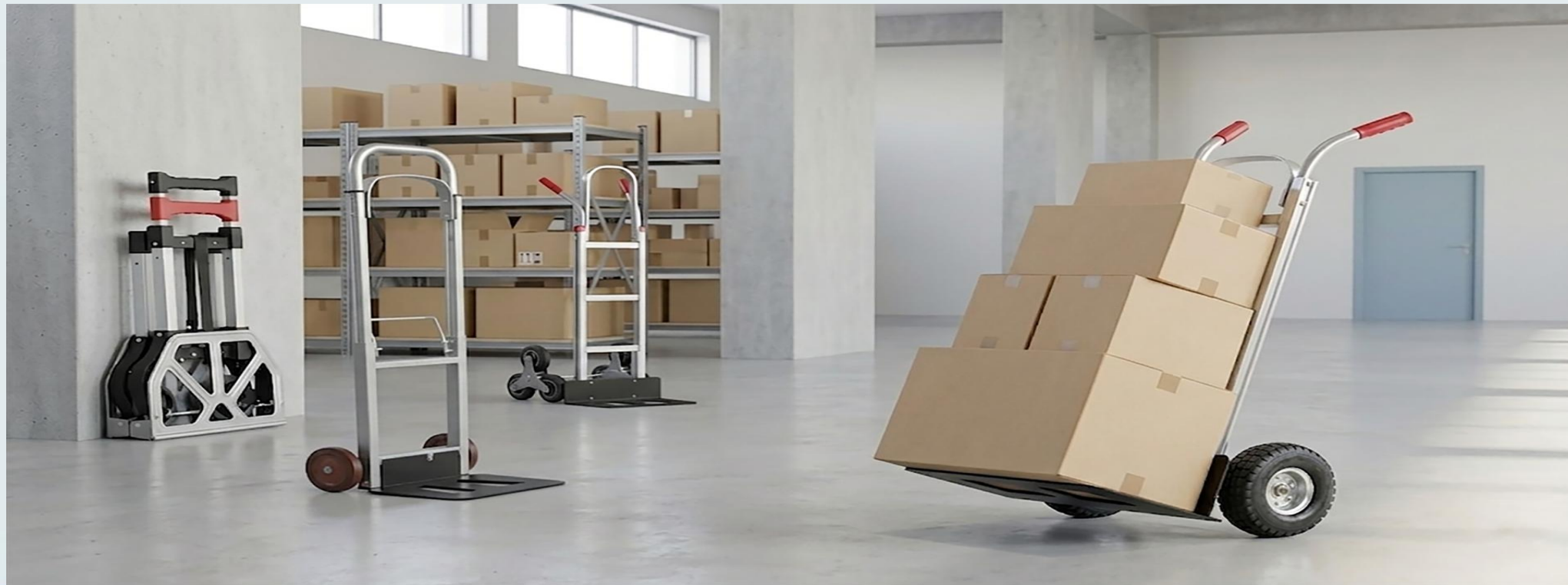
Custom Configuration, Modular Design, Versatile, Professional.

Build your perfect aluminum hand truck. From flat-free wheels to extended toe plates, our modular system adapts to your specific cargo needs instantly.



Parameters Comparison of Aluminum Hand Trucks

#	SPECIFICATIONS	A (Compact Home)	B (Daily Office)	C (Delivery Pro)	D (Commercial)
1	Load Capacity	80 kg(176 lbs)	120 kg(264 lbs)	150 kg(330 lbs)	200 kg(440 lbs)
2	Frame Material	1.0mm 6063 Aluminum	1.2mm 6063 Aluminum	1.5mm 6061 Aluminum	2.0mm 6061-T6 Aluminum
3	Overall Height	1000 mm (Telescopic)	1100 mm	1200 mm	1250 mm
4	Toe Plate Size	230 x 380 mm	250 x 350 mm	280 x 400 mm	300 x 450 mm
5	Wheel Type	5" TPR Rubber	7" Solid Wheel	8" Flat-Free PU	10" Pneumatic / PU
6	Handle Style	Foldable T-Bar	Single Loop	Ergonomic Dual	Reinforced P-Handle
7	Self Weight	3.2 kg	5.5 kg	7.8 kg	9.2 kg
8	Ideal Application	Shopping / Travel	Office / Files	Parcel Express	Warehouse / Retail



Heavy Duty Hand Trucks

The Last Hand Truck You'll Ever Need to Buy.

Featuring a heavy-duty powder-coated frame and puncture-proof tires, our commercial-grade dollies are built to outlast and outperform the competition year after year.



Parameters Comparison of Heavy Duty Hand Trucks

#	SPECIFICATIONS	Pro-Commercial	Pro-Heavy	Pro-Industrial
1	Load Capacity	200 kg (440 lbs)	250 kg (550 lbs)	300 kg (660 lbs)
2	Frame Material	Q235 Carbon Steel	Reinforced Carbon Steel	Heavy-Duty Thick Steel
3	Steel Tube Dia.	Ø25 mm / 1.2 mm	Ø28 mm / 1.5 mm	Ø32 mm / 2.0 mm
4	Overall Height	1150 mm	1250 mm	1320 mm
5	Toe Plate Size	350 x 220 mm	400 x 250 mm	450 x 300 mm
6	Wheel Type	10" Pneumatic	10" Flat-Free PU	10" Steel Rim PU
7	Axle Diameter	16 mm	20 mm	25 mm (Reinforced)
8	Product Weight	~11.5 kg	~13.8 kg	~16.5 kg
9	Ideal Application	Courier & Parcel Delivery / Retail	Home Appliance Moving	Construction Sites / Heavy-Duty Machinery Parts



Professional Welding Carts

Your Entire Welding Station—Professional Welding Cart, On the Move

Maximize your workspace with a heavy-duty 3-tier welding cart designed to house your welder, plasma cutter, and all essential tools in one organized, professional mobile unit.



Parameters Comparison of Professional Welding Carts

#	Specifications	Standard	Pro-Enhanced	Industrial Master
1	Rated Load Capacity	80 kg (176 lbs)	120 kg (265 lbs)	150 kg (330 lbs)
2	Frame Material	1.0mm Heavy Duty Steel	1.2mm Reinforced Steel	1.5mm Industrial Steel
3	Shelf Configuration	3-Tier	3-Tier	3-Tier + Storage Drawer
4	Top Shelf Angle	0° (Flat)	15° (Ergonomic Access)	15° (Ergonomic Access)
5	Rear Wheel Size	6" Fixed Rubber Wheels	7" Heavy Duty Rubber	8" High-Bearing PU Wheels
6	Front Caster Size	2.5" Swivel Casters	3" Heavy Duty Swivel	3" Industrial Swivel w/ Brake
7	Gas Cylinder Support	Single Chain Bracket	Dual Safety Chains	Dual Chains + Steel Base
8	Cable Management	2 Fixed Hooks	4 Heavy Duty Hooks	4 Hooks + Side Tool Racks
9	Surface Finish	Glossy Powder Coating	Matte Anti-Scratch Finish	Industrial Texture Coating
10	Net Weight	~11.0 kg	~13.5 kg	~18.5 kg



Stainless Steel Carts

Engineered for Precision. Built for Durability.

From chemical-resistant surfaces to silent-glide medical casters, our stainless steel trolleys provide the heavy-duty stability required for sensitive lab equipment and pharmaceutical logistics.



Parameters Comparison of Stainless Steel Carts

#	Specifications	Standard	Storage-Plus	Clinical-Max
1	Total Load Capacity	60 kg (132 lbs)	100 kg (220 lbs)	150 kg (330 lbs)
2	Material Grade	SUS304 Stainless Steel	SUS304 Stainless Steel	SUS304 (Medical Grade)
3	Shelf Configuration	2-Tier	3-Tier	3-Tier + Dual Drawers
4	Guardrail Height	50 mm	80 mm	80 mm
5	Caster Type	3" Silent Medical Casters	4" Silent TPR Casters	4" Anti-Static Brake Casters
6	Storage Depth	100 mm	120 mm	120 mm + 100mm Drawer
7	Welding Process	Seamless Spot Welding	Reinforced Seamless	Fully Welded & Polished
8	Overall Dimensions	600 x 400 x 850 mm	660 x 440 x 860 mm	800 x 480 x 920 mm
9	Net Weight	~8.5 kg	~12.0 kg	~18.5 kg
10	Application	Dental Clinics / Medical Aesthetic Suites	Testing Laboratories / Pharmacies	Operating Rooms / Central Kitchen Catering



Special Ergonomic Design

Mastering Mobility: The Science of Ergonomic Design

Redefining Ease of Transport for Professional Logistics

At Xiangyue, our "Ergonomic-First" philosophy ensures that our hand trucks are more than just tools—they are extensions of the operator.

Effortless Start-up: Precision-engineered geometry reduces initial pushing force by 30%, minimizing physical strain during heavy-duty tasks.

Natural Grip Handles: Anatomically contoured grips ensure a neutral wrist position, preventing fatigue during long shifts in warehouse environments.

Optimal Balance Point: A scientifically calculated center of gravity allows for easier tilting and superior maneuverability, even at full load capacity.

Silent Mobility: Integrated with our 85A Shore PU wheels and dual precision bearings for a vibration-free, smooth operating experience.

Maximize Productivity. Minimize Downtime. Prioritize Operator Safety.



Strong and Silent Wheels



Strong & Silent: The Ultimate Wheel Technology

Engineered for Heavy Loads, Designed for Absolute Quiet

Our high-performance wheels are the secret to the longevity and smooth operation of our industrial carts.

Exceptional Strength: High-density core construction easily supports loads up to 500kg, ensuring structural integrity under constant heavy-duty use.

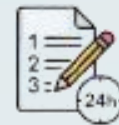
Ultra-Quiet Operation: Advanced 85A Shore PU material reduces rolling noise to < 40dB, perfect for noise-sensitive environments like hospitals and offices.

Zero-Mark Protection: Non-marking tread science protects expensive epoxy and tile floors from scratches and black streaks.

Precision Glide: Equipped with Dual Precision Ball Bearings, reducing startup resistance by 35% for effortless manual handling.

Heavy-Duty Performance. Whisper-Quiet Mobility.

Bulk Order Guide



Inquiry & Quotation (24h)



Sample Validation



Deposit & Material Sourcing



Mass Production & IPQC



Inner QC or Third-Party Inspection



Loading & Logistics

www.globalhandtrucks.com

<https://cartmfg.com>



Ready for Factory Direct Pricing?



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Huangdao District, Qingdao City, China.



Social:
Connect with us **@globalhandtrucks** on
Instagram, LinkedIn, and YouTube.

PARTNERSHIP



Trust



Planning



Teamwork



Communication



Statistics



Business Goal

Minimum Order Quantity: 500+ Units. Get a Free Wholesale Quotation & Product Specs within 24 Hours.

Xiangyue Metal Technology

