

VORT

V O R T K A R T



2 0 2 5 O V E R V I E W

CHINA LEADER IN KART INDUSTRY

As a leading karting solutions provider rooted in China, we take pride in delivering exceptional products and services to over 240 karting venues & clubs and occupying about 18% of the industry market share nationwide. With a proven track record of reliability and innovation, we are now expanding our expertise to global markets. Our mission is to empower international partners with high-performance karts, tailored operational support, and a commitment to driving the future of karting experiences worldwide. Let's accelerate success together.



Kart 超音速



ASHC





WHO WE ARE

FROM OBSCURITY TO A
WELL-KNOWN CHINESE
BRAND



Vortkart is the flagship brand of the Zhengzhou Zhuoyuan Amusement Equipment Co., Ltd, established in 2006, is a benchmark enterprise in China karting industry. For the past 19 years, as a comprehensive service provider, Vortkart has been dedicated to the R&D, production, and sales of karts and related products, offering clients nationwide a full range of services, including racetrack planning and design, kart and equipment supply, venue operation management, franchise partnerships, technical support, professional training for management and technical personnel, after-sales support and event organization.

Relying on the leading technical strength, continuous investment and strict quality assurance system, Vortkart has successfully created a full lineup of indoor and outdoor karts, including single/double seat rental karts, mini karts, super 4T karts, racing karts and electric karts. which are widely used in karting clubs, karting venues around the world and has won the high recognition of customers at home and abroad. Vortkart always puts customer needs first, through continuous innovation and lean production, it helps partners improve efficiency, reduce risks, and achieve sustainable development and profitability

LAUNCH NOW, MAKE YOUR TRACK THE CITY'S SPOTLIGHT!

We don't just supply high-performance karts—we empower your track business with full-chain services. From zero to grand opening, enjoy a hassle-free journey: a dedicated project manager guides you through budget planning, feasibility analysis, and venue design, ensuring your indoor/outdoor karting empire launches efficiently



TRACK DESIGN · TAILOR-MADE SOLUTIONS

From concept blueprints to construction plans, we deliver end-to-end design services, perfectly aligning with your budget and space. Whether it's a compact entertainment zone or a sprawling competitive circuit, every detail prioritizes safety and thrills, crafting a one-of-a-kind experience.



3D SPACE · REVENUE MULTIPLIER

Break free from flat layouts! Multi-level track designs unlock spatial potential—think bridges, elevated pit zones, spiral ramps, paired with smart timing systems, dynamic LED-lit tracks, and eco-friendly silent karts. Our design team creates immersive racing worlds that keep players coming back for more, driving your profits skyward!



BEYOND MANUFACTURING, WE MASTER TRACK ECOSYSTEMS

Backed by our in-house R&D production line, every kart guarantees peak performance. With decades of industry expertise, we understand operational challenges deeply. From equipment maintenance to event planning, we provide comprehensive support for your long-term success.

RACING



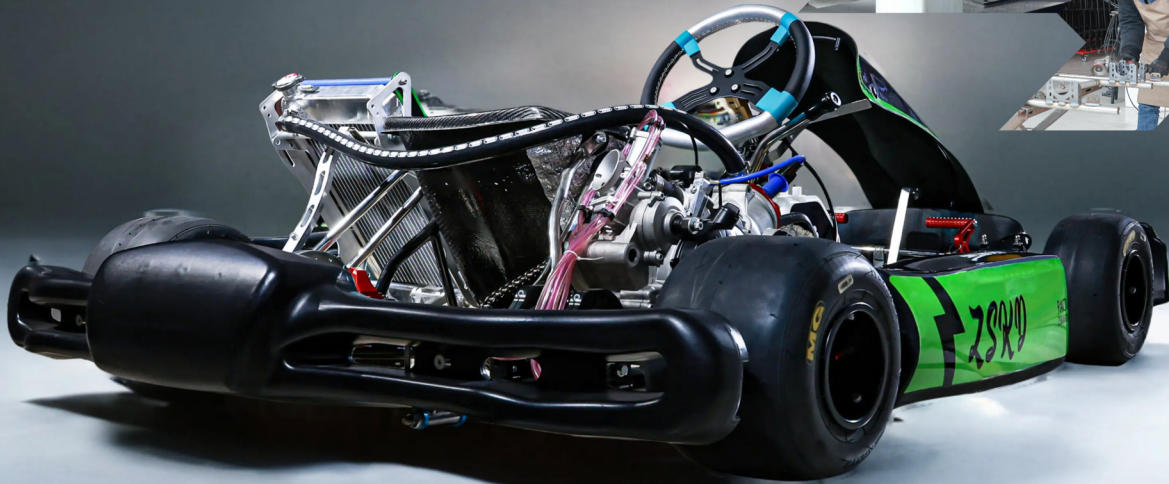
Engineered for track performance, our racing karts feature a high-strength chassis, lightweight components, and aerodynamic kits. Equipped with powerful two-stroke/four-stroke engines and high-performance braking systems, they meet professional drivers' demands, delivering adrenaline-pumping speed to fuel competitive passion.

LEISURE



Safety is our top priority. All-age friendly design with full protective devices to ensure maximum safety factor, easy-to-operate controls. Modular chassis allows quick disassembly, minimizing maintenance costs. Ideal for indoor/outdoor tracks, perfect for family fun or team-building events

ENGINEERING & DESIGN



EXCELLENCE IN DESIGN & PRECISION MANUFACTURING

Advanced Design Solution



Our engineering team utilizes cutting-edge CAD platforms for 3D modeling of components, assembly design, and engineering drawings. CAE software conducts structural strength analysis, fatigue testing, and aerodynamic optimization.

Unmatched Integrated Production Capacity:



Equipped with advanced fiber laser cutting machines, automated welding stations, multi-axis CNC press brakes, and CNC machining centers to ensure flawless precision

Rapid Mass Delivery:



Expertise in large-volume order production, delivering high-quality results on schedule. 30% faster production cycle compared to industry averages

End-to-End Process Control:



Vortkart concentrate the design and manufacturing of all components for chassis entirely in-house, Strict quality inspection standards implemented at every stage, guaranteeing product consistency and durability

TURNKEY SOLUTIONS

Vortkart has worked closely with customers and karting circuits worldwide for about 20 yrs, those extensive experience enable the company to provide all-in-one karting project solutions.

To guide and support businesses to achieve long-term success, efficient complete packages are fully tailored to meet the specific needs of each client. Here are some key services we offer:



Feasibility/market
study/budget planning



Track and related operations
facilities technical design



High quality and cost effective
electric & petrol karts (volume
& specs)



Speed control and shutdown
systems



Safe track barrier
systems



Track specific equipment
(spare parts, tools, driver
equipment)



Smart venue management
systems covering event
management, racing timing,
starting light control, info
screen control etc.



Fully insured delivery of
karts/track/timing/
management systems



Training (technical/
operations/sales etc...)

A WIDE RANGE

Relying on the leading technical strength, continuous investment and strict quality assurance system, the company has successfully created a full lineup of leisure karts suitable for every level of driver.



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FL-200/FL-270
1.2m+





FL-170/FL-200 LITE

1.2m+



FL-200D/FL-270D

1.2m+



EK-500

1-1.3m

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EL-2200

1.2m+



EL-2200D

1.2m+



FR-225J

1.4m-1.8m



FO-225

1.6m+





FR-200 X/FR-225 X

1.6m+



FR-225/FR-200

1.6m+



FR-60K

1-1.4m





FR-125

1.6m+



FR-125X

1.6m+



VORT
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FR-125 KZ

1.6m+



BLITZ

1.6m+



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PARTS & ACCESSORIES

Vortkart offers a full range of accessories and equipment dedicated exclusively to karting. Those products are designed exclusively by the Vortkart R&D department, including stub axles, wheel rims, transmissions, rear axle, sprocket carriers, pedal box, brake calipers, fiber seats, etc.



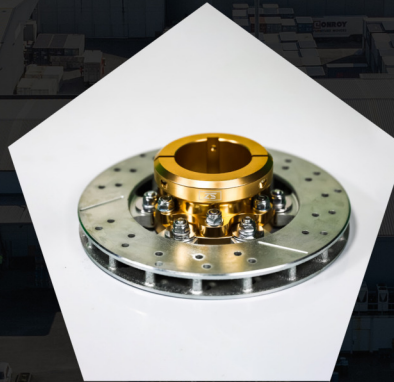
Front Wheel Hub



Brake Master Cylinder



Forged Brake Caliper



Floating Brake Rotor



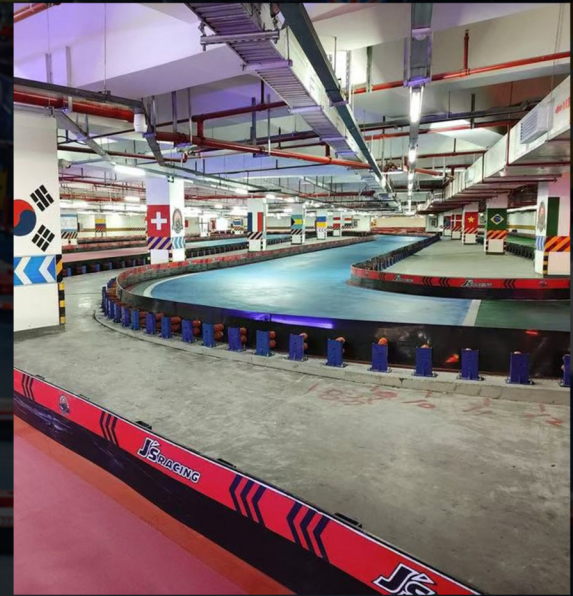
Mobile Foot Pedal



Sprocket Mount

TRACK BARRIERS

Various barriers options are available in VORTKART and, depending on investor's preferences, each of them can be supplied and integrating in your project scope. Track design and track length will be adapted to each of the chosen components.



VORTKART PROVIDE A NUMBER OF DIFFERENT TIMING SOLUTIONS INCLUDE SOFTWARE AND HARDWARE AND WILL PROVIDE ADVICE ON WHICH SYSTEM MAY BE MOST SUITABLE FOR YOUR PROJECT



TIMING SOFTWARE

Racing Timing/Racing Trajectory/Multi-Driver Database/Event Penalty Management/Starting Light Control/Info Screen Control/LED Smart Mix Screen/Leaderboard Management/Multi-Screen Client/TCP Data Interface



HARDWARE EQUIPMENT OF TRACK INFORMATION SYSTEM

Gantry Info Mix Screen/Mix Screen Flight Case



EVENT INTELLIGENT SIGNAL SYSTEM EQUIPMENT

Track MP Electronic Flag System/Smart Control for Pit Lane Entry & Exit/Command Center Console/Flag System Flight Case/Electronic Flag System Server/Electronic Flag Control Software/System Interface Configuration



TIMING EQUIPMENT

Decoder/Timing Module/Power Supply

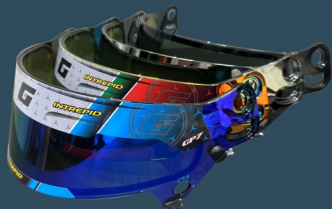
TIMING SYSTEM

From Racing Thrills to Smart Operations, Dominate Every Second of Victory!

全球专业赛事-赛道排行榜															
赛道榜 (今日)				赛道榜 (本周)				赛道榜 (月度)				赛道榜 (年度)			
Pos	Driver	LapTm		Pos	Driver	LapTm		Pos	Driver	LapTm		Pos	Driver	LapTm	
1	KOD-06	47.768		1	CIML-58	47.768		1	CIML-58	47.768		1	CIML-58	47.768	
2	KOD-06	55.130		2	KOD-06	53.953		2	KOD-06	53.953		2	KOD-06	53.953	
3	CIML-19	55.623		3	CIML-19	54.320		3	CIML-19	54.320		3	CIML-19	54.320	
4	CIML-18	55.628		4	CIML-18	54.327		4	CIML-18	54.327		4	CIML-18	54.327	
5	CIML-35	1:00.278		5	KOD-77	57.552		5	KOD-77	57.552		5	张洪强/Hans R.	56.918	
6	KOD-26	1:00.807		6	CIML-12	58.461		6	2021009	57.687		6	张洪强/Hans R.	57.042	
7	CIML-36	1:02.372		7	CIML-35	59.461		7	CIML-36	57.690		7	张洪强/Hans R.	57.114	
8	CIML-14	1:05.512		8	CIML-01	59.840		8	2208031	57.832		8	CIML-01	57.343	
9	CIML-56	1:06.897		9	CIML-08	59.958		9	CIML-12	58.379		9	CIML-05	57.348	
10	A-组	1:07.943		10	CIML-36	1:00.383		10	CIML-35	58.567		10	CIML-61	57.408	
11	A-组	1:08.541		11	张洪强/Hans R.	1:00.423		11	CIML-06	58.710		11	CIML-36	57.428	
12	CIML-04	1:08.950		12	CIML-04	1:00.688		12	CIML-56	58.795		12	张洪强/Hans R.	57.475	
13	CIML-01	1:10.313		13	CIML-06	1:00.764		13	CIML-32	59.185		13	CIML-12	57.512	
14	CIML-08	1:10.745		14	KOD-26	1:00.927		14	CIML-04	59.383		14	KOD-77	57.552	
15	CIML-12	1:11.581		15	CIML-21	1:01.295		15	CIML-21	59.385		15	O2-DQHar	57.642	

2025 超级马力日常联系-3月20250319第21场															
Race Info				Track Simulator				Race Info				Race Info			
Local Time				Track Simulator				Pos				Pos			
18:08:07				Track Simulator				19				19			
Race Time				Track Simulator				Driver/Team				Last Tm			
00:10:52				Track Simulator				18				1:07.685			
Time To Go				Track Simulator				Best Tm				55.623			
Laps To Go				Track Simulator				Laps				8			
Laps To Go				Track Simulator				Time				Time			
17:57:15				Track Simulator				Green Flag				18:05:15			
18:05:15				Track Simulator				Finish Flag							

RACING CLOTHING



VORTKART WEAR SOLUTIONS



ONLINE ORDERING SYSTEM

Our dedicated team provides 24/7 one-stop procurement services, assisting you in acquiring the most suitable and cost-effective product components. With professional expertise, we address all your inquiries and ensure seamless purchasing



KARTING WEAR & ACCESSORIES

VORTKART offers a comprehensive range of karting gear, including racing Suits, helmets, neck braces, and gloves. We deliver tailored purchasing strategies to streamline your operations and help you maximize profitability



CUSTOMIZATION SERVICES

Elevate your fleet's visual identity with VORTKART's bespoke graphic designs. Choose from vibrant colors, dynamic patterns, or integrate corporate/sponsor branding. Contact us to create karts that stand out on and off the track.



PROFESSIONAL SOLUTIONS

Backed by global acclaim, VORTKART collaborates with racing teams competing in prestigious international events. Leveraging our proven expertise, we craft precision-engineered solutions tailored to your unique operational needs



RACING EVENT

As a key player in China's karting industry, Vortkart has partnered with premier national and regional series such as CKC, CRKC, GKC, and ASKC. With 120+ events hosted or contested over the past 8 years, we deliver mission-critical solutions including race-spec karts (125cc two-stroke/Super 4T powertrains), bespoke performance upgrades, and trackside technical support



ASKC

CKC

CRKC

GKC

Zh
Karting

RMCC

ZZIC
Zhuzhou International Karting Circuit
株洲国际卡丁车场

ZIA
郑州国际赛场
Zhengzhou International Karting Circuit

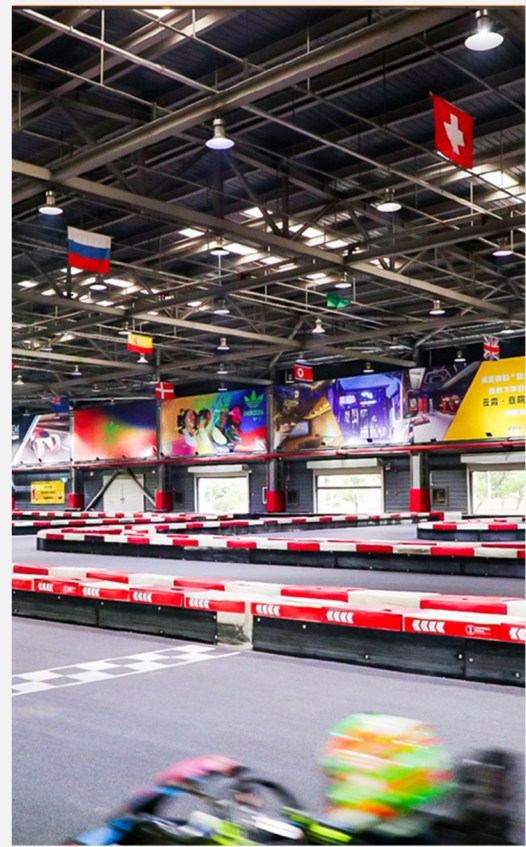
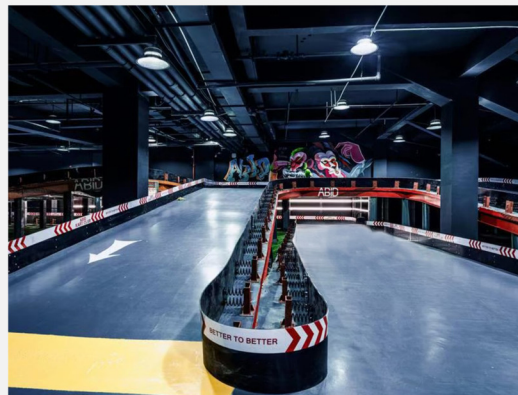
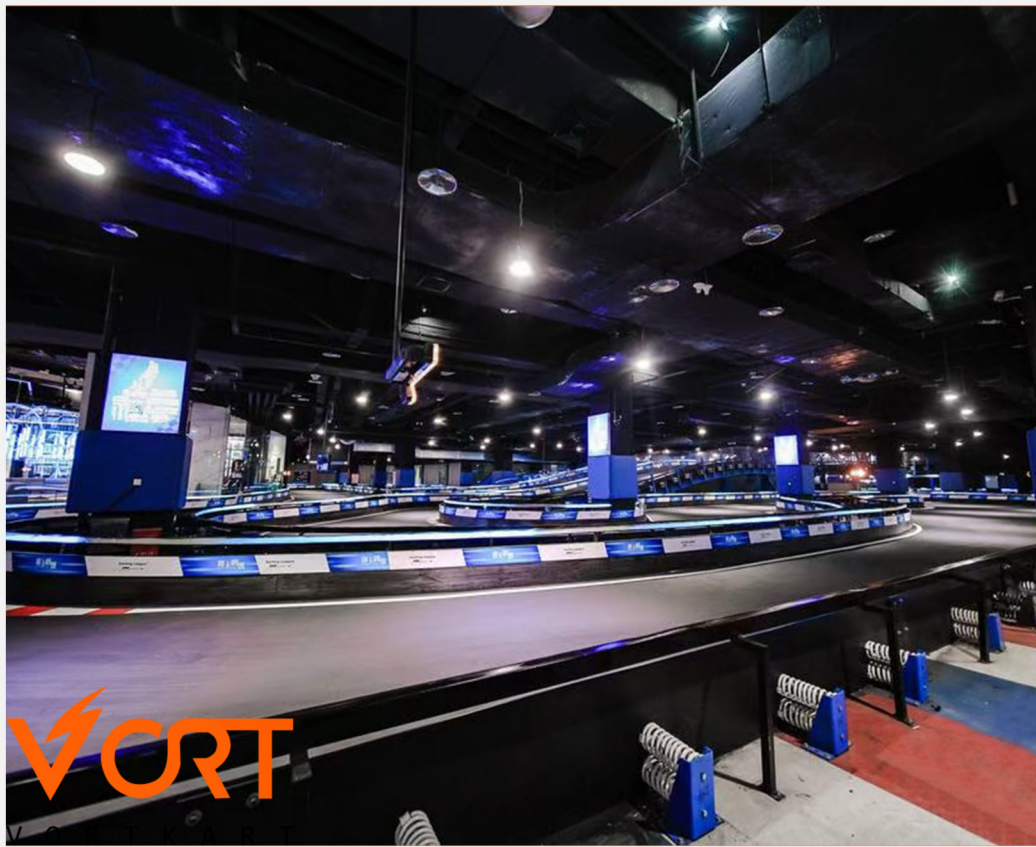


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CUSTOMER REFERENCES

From theme parks to luxury resorts, our high-performance entertainment karts and innovative track designs have fueled excitement worldwide. Explore how we transformed spaces into 240+ adrenaline-packed racetracks for clients in 40+ countries, delivering customized solutions on time while balancing safety, creativity, and profitability. Witness the tracks we engineered and karts we built—proof of expertise that turns visions into thrilling realities.







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