

Qingdao BKM Industry Co., Ltd.

Advanced Plastic Solutions Since 2000

- Innovating Industrial Solutions, Connecting Global Markets -

About BKM

Qingdao BKM Industry Co., Ltd. is a trusted manufacturer and global supplier of high-performance engineering plastics, specializing in HDPE, UHMWPE, and customized polymer solutions. With advanced CNC machining capabilities, strict quality systems, and export experience to over 60 countries, we deliver durable, precise, and reliable products for industries including sports, construction, logistics, marine, and mining.



From standard sheets and components to fully customized parts, we offer fast production, stable quality, and expert support—helping our clients optimize performance and reduce cost.

Our Core Strengths:

Product Excellence: We supply premium engineering plastics renowned for technological sophistication, high added value, and versatility. Our portfolio includes standardized and fully customizable products tailored to unique industrial demands.

Quality Assurance: Rigorous quality control processes and adherence to international standards ensure superior performance, backed by certifications from authoritative industry bodies.

Global Logistics Leverage: Strategically positioned in Huangdao's world-class port ecosystem, we enable efficient, cost-effective global distribution and supply chain management.

Technical Expertise: Our team provides end-to-end support — from material selection and technical consultation to after-sales service — driven by the principle: "User needs define our mission."

Certifications & Compliance

Our products meet international standards for safety, quality, and environmental responsibility. Certified by leading authorities, we ensure full compliance for global trade and high-performance applications.

- RoHS Compliant (EU environmental safety)
- FDA Certification (food-grade material safety)
- Mining Safety Certification (for underground applications)
- ISO 9001 / 14001 / 45001 (Quality, Environment, Health & Safety Management Systems)

Trusted by industries worldwide, our certifications reflect our commitment to excellence and reliability.



Ground Protection Mat

Industrial crews lay out Ground Protection Mats to create a stable temporary road over soft sand. Made from high density polyethylene, these mats distribute weight evenly, preventing vehicles from sinking and protecting the ground underneath. They remain firm and flexible in extreme conditions, ensuring work can continue smoothly on muddy, sandy, or uneven terrain. Designed for easy reuse over a 10+ year lifespan, Ground Protection Mats are the reliable way to keep your project moving forward on solid footing.



Key Features & Advantages

- Easy to Handle: Lightweight and flexible—simple to move, lay, and remove on any terrain.
- Built to Last: Tough HDPE/UHMWPE resists impact, UV, and weather for 10+ years of use.
- Strong Grip: Textured, non-slip surface keeps equipment and workers safe from skids.
- All-Weather Use: 100% waterproof and chemical-resistant—no rot, crack, or peel.
- Eco & Cost Friendly: Reusable, recyclable, and saves money on ground repair and downtime.
- Customizable: Offered in different sizes, colors, and connection types to match your specific site requirements.

No	Size(mm)	Thickness with texture (mm)	Weight (kg)	Loading capacity (ton)
1	2400 x 1200 x 12.7	17.7	39.456	80
2	2440 x 1220 x 12.7	22.7	43.75896	80
3	2000 x 1000 x 10	20	24	50
4	2900 x 1100 x 12.7	22.7	46.893	80
5	3000 x 1500 x 15	25	76.5	120
6	5900 x 2000 x 28	38	354	180
7	5800 x 2000 x 25	35	313.2	150
8	3000 x 2500 x 38	48	300	300
9	4500 x 2000 x 38	48	360	300
10	3000 x 2500 x 25	35	202.5	150
11	2000 x 2000 x 30	40	192	350
12	2000 x 1000 x 30	40	64	350
13	2000 x 2000 x 50	60	208	500
14	5000 x 2000 x 60	70	620	900

G R O U N D P R O T E C T I O N M A T


Application Scenarios

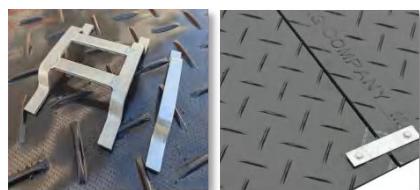
- Construction & Access Roads: Create instant, stable roadways for trucks and cranes on soft ground.
- Events & Festivals: Protect lawns and fields, keeping areas clean, dry, and safe for crowds.
- Landscaping & Utilities: Prevent turf and pavement damage during maintenance or repairs.
- Oil & Gas Sites: Stabilize sandy or marshy soil for rigs and heavy equipment in remote areas.
- Muddy or Soft Terrain: Provide firm footing in wetlands, beaches, and after heavy rain.


Pattern

Choose from different surface textures for better grip and safer performance on any terrain.

Connectors

Engineered connectors create a secure interlocking system, preventing mat shifting under heavy loads.





Crane Outrigger Pads

Crane Outrigger Pads—also referred to as stabilizer pads or crane foot pads—are load-distributing platforms placed under crane outriggers to improve stability and safety during lifting operations. Made from high-quality HDPE or UHMWPE, these pads are engineered to withstand intense pressure while preventing sinking, shifting, or ground damage on soft or sensitive terrain.

Standard Sizes & Load Capacities

Square Outrigger Pad		Round Outrigger Pad	
Common size	Loading capacity for crane feed	Common size	Loading capacity for crane feed
300*300*40mm	3-5 tons	300*40mm	2-6 tons
400*400*40mm	4-6 tons	400*40mm	3-7 tons
400*400*50mm	6-10 tons	500*40mm	4-8 tons
500*500*40mm	10-12 tons	500*50mm	8-12 tons
500*500*50mm	12-15 tons	600*40mm	10-14 tons
500*500*60mm	13-17 tons	600*50mm	12-15 tons
600*600*40mm	15-18 tons	600*60mm	15-20 tons
600*600*50mm	16-20 tons	700*50mm	22-30 tons
600*600*60mm	18-25 tons	700*60mm	25-32 tons
700*700*60mm	25-35 tons	700*70mm	30-35 tons
800*800*70mm	30-45 tons	800*70mm	40-50 tons
1000*1000*80mm	50-70 tons	1000*80mm	45-60 tons
1200*1200*100mm	60-100 tons	1200*100mm	50-90 tons
1500*1500*100mm	120-180 tons	1500*100mm	80-150 tons

Customized size, shape, and color on demand



Key Features



- Non-Conductive: Safe for use around electrical equipment.
- Waterproof & Chemical Resistant: Withstands harsh environments and chemical exposure.
- Safety-Textured Surface: Helps prevent slippage during use.
- No Sharp Edges: Smooth finish improves handling and safety.
- Lightweight: Easy to carry and reposition manually.
- Anti-Slip: Provides secure footing for stabilizers.
- Made from High-Density Polyethylene (HDPE): Durable and long-lasting.
- Water Resistance: Maintains structural integrity in wet conditions.





BKM
PLASTIC INDUSTRY

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