

PROFESSIONAL OUTDOOR DRAINAGE SYSTEM SUPPLIER



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HUNAN EIJING DRAINAGE SOLUTION CO.,LTD

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COMPANY PROFILE

Hunan Eijing Drainage Solution Co., Ltd (Eijing Group) headquarter is located in Changsha City, Hunan Province, China. We have 10 factories are located in Hunan, Guangdong, Guangxi, Zhejiang, Yunnan, Jiangsu, Hebei Province and so on. Each factory workshop is about 9000 m², total are over 300 employees.

Our company is known for quality, credibility and innovative services, our business philosophy is to refine and improve the quality of our products and services.

We have first-class technical team. All our engineers have over ten years' experience in the field of outdoor drainage system. We have been carrying out extensive technical cooperation with domestic and foreign universities as well as research institutions.

Our main products: Wastewater treatment plant, Integrated pumping station, Rainwater harvesting system, FRP/GRP all kinds of tank, SMC/PE septic tank, FRP/GRP/Stainless/Cast iron manhole cover, Rain grating, HDPE Pipes and so on.

Our philosophy is win/win. Through research, hard work and struggle, we have developed the spirit of patience and service, become to the most professional outdoor drainage system supplier in China.



WASTEWATER TREATMENT PLANT

EIJING FRP WASTEWATER TREATMENT PLANT



Wastewater treatment is the process of removing contaminants from municipal sewage plus some industrial wastewater. Physical, chemical, and biological processes are used to remove contaminants and produce treated wastewater that is safe enough for release into the environment.



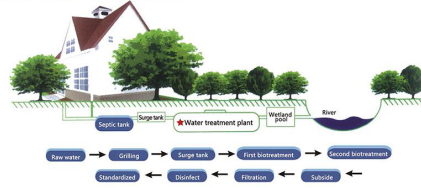
CARBON STEEL WASTEWATER TREATMENT PLANT



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TECHNICAL PRINCIPLE



1.ADVANTAGES

- Affordable and faster to implement
- Simple structure, easy maintenance, low maintenance costs
- Service life can be more than 30 years
- Chemicals resistance, Compact design

2.TECHNICAL SERVICE

- Professional engineering supplies technical supporting
- Support OEM, ODM project

3.QUALITY SERVICE

- 100% quality testing for every finished products

APPLICATION

- Homehouse sewage
- Towns and villages sewage
- Public toilets
- Centralized filtration system
- Food factories water treatment
- Hotels,school,hospital,slaughter house etc.

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WASTEWATER TREATMENT PLANT

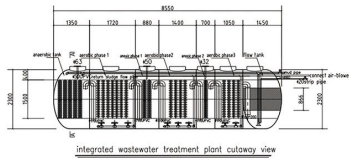
MICRO/DECENTRALIZED/CENTRALIZED WASTEWATER TREATMENT PLANT

SPECIFICATION&MODELS

Type	Models	Equipment size(mm)	Processing capacity (m ³ /d)
Decentralized processing	YJF-3	1250*2040	3
	YJF-5	1250*3400	5
	YJF-8	1250*4800	8
Centralized processing	YJC-10	1250*4650	10
	YJC-25	1800*5200	25
	YJC-50	2300*6000	50
	YJC-80	3200*5000	80
Micro processing	YJD-100	3200*6500	100
	YJF-1.5	1570*870*1500	0.8 - 1.5
	YJF-3.0	2000*1000*1500	1.5 - 3.0
Carbon Steel	We can supply special size according to customer's requirement.		

*PERSONALIZED CUSTOMIZATION IS ACCEPTABLE

TECHNICAL DRAWING



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WASTEWATER TREATMENT PLANT

FRP/GRP INTEGRATED PUMPING STATION

Integrated prefabricated pumping station is one kind of treatment plant. It is used to move wastewater to higher elevations in order to allow transport by gravity flow. Sewage is fed into and stored in a sealed underground pit, commonly is known as a wet well. When the level rises to a pre-determined point, a pump will be started to lift the sewage upward through a pressurized pipe system from where it is discharged into a gravity manhole again.

COMPONENTS

1. FRP tank
2. Escalator
3. Suction culvert
4. Control System
5. Install rings
6. The water valve and piping
7. Internal service station
8. Submersible pump group
9. Precast concrete floor



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SPECIFICATION

Disposal flow (L/s)	Disposal flow (m ³ /h)	Cylinder diameter (m)	Height (m)	Pump station quantity (set)
13.9	50	1.2	Select according to actual application from 1.8m to 16m	1-2
27.8	100	1.2		1-2
55.6	200	1.2		2-3
83.3	300	2.3		2-3
110.1	400	2.3		2-3
138.9	500	2.3		2-3
222.2	800	2.3		2-3
277.8	1000	3.2		2-3
416.7	1500	3.2		2-3
555.6	2000	3.2		2-3
694.4	2500	3.8		2-4
833.3	3000	3.8		2-4
1250	4500	3.8		2-4
over 1250	over 4500	Speciality or multi-tube		Special customization



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RAINWATER HARVESTING SYSTEM

RAINWATER HARVESTING SYSTEM PP MODULE

Eijing Rainwater harvesting system is the process of collecting, storing, and distributing rainwater from the roof for use in and around the garden. Our Rainwater Collecting Module is designed with scientific structure and manufactured using recycled PP material.



Product Name	Rainwater Harvesting System PP Module
Material	PP
Color	Black
Dimension	1000mm(L)* 500 mm(W)*250mm(H) 1000mm(L)*1000mm(W)*250mm(H)
Weight	43 kgs/m ³
Pressure Strength	30 tons/m ²
Features	<ol style="list-style-type: none"> 1. 95% porosity above 2. Short engineering period 3. Excellent robustness, safety and durability 4. Large design freedom 5. Large underground rainwater reservoir space 6. Labor-saving construction 7. Effective usage of lands 8. Reduce ground run-off volume 9. Rainwater reusing and water conservation of base

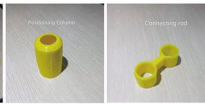
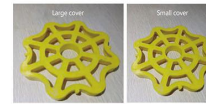
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PRODUCT SHOW



Item	Name
1.	PP modular
2.	Side plate
3.	Large cover
4.	Small cover
5.	Positioning column
6.	Connecting rod



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RAINWATER HARVESTING SYSTEM



APPLICATION

Rainwater harvesting PP module can be used for Roof Garden, Road Drainage, Water Filtration System, Car Parking Lot, Residential Area, Parkland, Sports Field System, Golf Course.

PROFESSIONAL PRODUCTION WORKSHOP

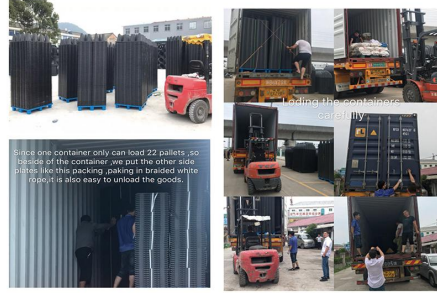


INSTALLATION



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SHIPMENT



CERTIFICATE



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RAINWATER HARVESTING SYSTEM



PRODUCT STANDARD

		FRP Rainwater		Harvesting Tank			
Model Number		BX-12	BX-20	BX-30	BX-50	BX-75	BX-100
Volume (m ³)		12	20	30	50	75	100
Strengthen	I	≥5000N/m ²	≥5000N/m ²	≥5000N/m ²	≥5000N/m ²	≥5000N/m ²	≥5000N/m ²
	II	≥10000N/m ²	≥10000N/m ²	≥10000N/m ²	≥10000N/m ²	≥10000N/m ²	≥10000N/m ²

		FRP		Rainwater Tank			
Model Number		BX-12	BX-20	BX-30	BX-50	BX-75	BX-100
Volume (m ³)		12	20	30	50	75	100
Strengthen	I	≥5000N/m ²	≥5000N/m ²	≥5000N/m ²	≥5000N/m ²	≥5000N/m ²	≥5000N/m ²
	II	≥10000N/m ²	≥10000N/m ²	≥10000N/m ²	≥10000N/m ²	≥10000N/m ²	≥10000N/m ²

★ PERSONALIZED CUSTOMIZATION IS ACCEPTABLE

OTHER PARTS LIST



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FRP/GRP TANKS

DEFINITION OF FRP SEPTIC TANK

Every FRP Septic tank can be called GRP (glassfiber reinforced plastic) tank. It's mainly composed by fiberglass and resin, with long service life, easy installation, save labor cost, in Longitudinal, Compressive strength. Our Septic tanks have different sizes available: 2-100 m³.

SCOPE OF APPLICATION

Hospitals, nursing homes, kindergartens, homes, school, office building, workers dining halls and theatres, stadiums, shopping malls and other place.



FRP/GRP TANKS

FEATURES

- Anti-seepage process ensure no infiltrate
- The tank body stiffness reach over 1000pa
- Installation period for 1-2days-efficient
- Save the construction cost
- Reduce the area
- Save the cost maintain



CRAFT PROCESS

- Rotationally molded rugged and no infiltrate
- Automated product process ensure quality
- It can support 1500 N/m²
- Short installation period
- Even can be installed in rain season



*We can supply special FRP/GRP tank according to customer's requirement.

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FRP/GRP TANKS

PRODUCT STANDARD

Model number	BH-1	BH-2	BH-5	BH-6	BH-7	BH-9	BH-10	BH-11	BH-12	BH-13
Effective volume(m ³)	2	4	12	16	20	30	40	50	75	100
Liter	2,000	4000	120000	160000	200000	300000	400000	500000	750000	1000000
Traditional tank	Z1-25QF	Z2-45QF	Z5-125QF	Z6-165QF	Z7-205QF	Z9-305QF	Z10-405QF	Z11-505QF	Z12-755QF	Z13-1005QF
Concrete tank	G1-25QF	G2-45QF	G5-125QF	G6-165QF	G7-205QF	G9-305QF	G10-405QF	G11-505QF	G12-755QF	G13-1005QF
Hospital, sanatorium kindergarten (a=100%)	4-6	8-12	23-37	31-50	38-62	58-94	77-125	96-156	144-234	192-312
Residence,dormitory hotel (a=70%)	5-8	9-15	28-46	37-62	46-77	69-115	92-154	115-192	172-289	230-385
School and factory zone (a=40%)	16-23	31-46	94-136	125-182	156-227	234-341	313-455	391-568	586-852	781-1136
Business places (a=10%)	116	231	694	926	1157	1754-1984	2339-2645	2924-3306	4386-4959	5848-6612

★ PERSONALIZED CUSTOMIZATION IS ACCEPTABLE



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SMC SEPTIC TANKS

DESCRIPTION

Sheet Molding Compound (SMC) is a combination of resins, fiberglass, catalysts and fillers compounded into a sheet form and then used to manufacture compression-molded products. SMC benefits from very high volume production ability, excellent part reproducibility, and it is cost effective.

FEATURES

- 1.Eco-friendly
- 2.Rust proof and Leak proof
- 3.Durable
- 4.Light weight and easy to transport
- 5.Easy to install
- 6.Economical than conventional septic system
- 7.Excellent performance on reduction of BOD



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DIMENSIONS

Model	Volume(m ³)	Inlet/Outlet(mm)	Inside Diameter(mm)	Population
YJ-1	0.5	110	700*1200	2-3
YJ-2	1	110	900*1640	5-7
YJ-3	1.5	110	1100*1600	7-10
YJ-4	2	110	1200*1900	10-15
YJ-5	2.5	110	1200*2200	15-20



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PE SEPTIC TANKS

ADAVANTAGES

PE Septic tank is one-time injection molding, not easy to leakage to solve brick septic seepage problem.

PE septic tank has the advantages of compact structure, small occupied area,the actual area of the traditional septic tank of about 50%, saving land resources.

PE Septic tanks are the simplest and most commonly used unit for sewage treatment, especially human sanitary sewage.

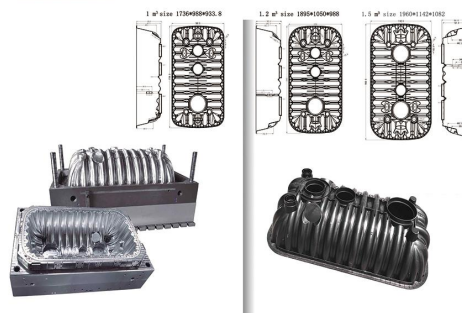


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DEFINITION

Product	Septic tank
Material	PE
Volume	0.8M ³ , 1M ³ , 1.2M ³ , 1.5M ³ , 2.0M ³
Technical	One time injection molding
Feature	Eco-Friendly, light weight ,easier installation
Accessories	Baffles , manhole cover ,inlet and outlet pipes
Color	Black
Application	Replacement the brick septic tank



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DRAINAGE PRODUCTS



HDPE DOUBLE WALL CORRUGATED PIPE

HDPE pipe is a type of flexible plastic pipe used for fluid and gas transfer and is often used to replace ageing concrete or steel mains pipelines. HDPE (High Density Poly-Ethylene) material is a polyethylene thermoplastic made from petroleum, and its high level of impermeability and strong molecular bond makes it suitable for high pressure pipelines.

STANDARD: GB/T19472.2-2004

Nominal diameter(mm)	225	300	400	500	600	800	1000	1200
Average diameter(mm)	≥220	≥294	≥392	≥490	≥588	≥785	≥985	≥1185
Joint length	≥55	≥64	≥74	≥85	≥96	≥119	≥140	≥162
Pipe length	≥6000							
Ring stiffness	SN2 ≥2KN/m ²		SN4 ≥4KN/m ²			SN8 ≥8KN/m ²		

HDPE STEEL BELT REINFORCED TUBE

PE and steel strip melt and melt composite wall forming pipe.

Serial number	Diameter (mm)	Minimum average diameter	Minimum inner wall thickness	Minimum laminated wall	Maximum pitch	Minimum strip thickness	Minimum coating thickness
1	500	490	3.5	5.0	100	0.5	2.5
2	600	588	4.0	6.0	110	0.5	2.5
3	700	685	4.0	6.0	115	0.5	2.5
4	800	785	4.5	7.5	120	0.7	3.0
5	900	885	5.0	7.5	135	0.7	3.0
6	1000	985	5.0	8.0	150	0.7	3.0
7	1200	1185	5.0	8.0	180	0.7	3.0
8	1300	1285	5.0	8.0	190	1.0	3.0
9	1400	1385	5.0	8.0	210	1.0	3.0
10	1500	1485	5.0	8.0	220	1.0	3.0
11	1600	1585	5.0	7.0	230	1.0	3.5
12	1800	1785	5.0	7.0	230	1.0	3.5
13	2000	1985	6.0	8.0	235	1.0	3.5

★ PERSONALIZED CUSTOMIZATION IS ACCEPTABLE

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HDPE HOLLOW WALL WINDING STRIP STEEL PIPE

Using high-density polyethylene as raw material, the first extrusion into a square tube into a rectangular tube, and then through the winding machine forming.

STANDARD:GB/T19472.2-2004

Pipe wall (mm)	225	300	400	500	600	800	1000	1200	...	2400
Pipe ring stiffness	4KN/m ²	4KN/m ²	4KN/m ²	4KN/m ²	4KN/m ²	4KN/m ²	4KN/m ²	4KN/m ²	4KN/m ²	4KN/m ²
	8 KN/m ²	8 KN/m ²	8 KN/m ²	8 KN/m ²	8 KN/m ²	8 KN/m ²	8 KN/m ²	8 KN/m ²	8 KN/m ²	8 KN/m ²
	12.5 KN/m ²	12.5 KN/m ²	12.5 KN/m ²	12.5 KN/m ²	12.5 KN/m ²	12.5 KN/m ²	12.5 KN/m ²	12.5 KN/m ²	12.5 KN/m ²	12.5 KN/m ²

FACTORY SHOW



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DRAINAGE PRODUCTS



INSPECTION CHAMBER STANDARD

Wellbore size (mm.)	Flow groove type Starting seat	Groove flow straight hole seat	Groove flow 90 degree elbow	Groove type three-way well seat	Groove type four-way well seat
	Branch pipe specification	Branch pipe specification	Branch pipe specification	Branch pipe specification	Branch pipe specification
φ200	150	150	150	150	150
φ300	110 160	110 160	110 160	110 160	110 160
φ315	200 300	200 300	200 300	200 300	200 300
φ400	200 300	200 300	200 300	200 300	200 300
φ450	200 300 400	200 300 400	200 300 400	200 300 400	200 300 400
φ500	300 400	300 400	300 400	300 400	300 400
φ600	300 400 500	300 400 500	300 400 500	300 400 500	300 400 500
φ630	200 300 400 500	200 300 400 500	200 300 400 500	200 300 400 500	200 300 400 500
φ700	400 500 600	400 500 600	400 500 600	400 500 600	400 500 600
φ800	300 400 500 600	300 400 500 600	300 400 500 600	300 400 500 600	300 400 500 600
φ1000	500 600 700 800	500 600 700 800	500 600 700 800	500 600 700 800	500 600 700 800
φ1200	600 700 800 1000	600 700 800 1000	600 700 800 1000	600 700 800 1000	600 700 800 1000
φ1500	600 800 1000 1200	600 800 1000 1200	600 800 1000 1200	600 800 1000 1200	600 800 1000 1200
φ1800	1000 1200 1600 1800	1000 1200 1600 1800	1000 1200 1600 1800	1000 1200 1600 1800	1000 1200 1600 1800

SCOPE OF APPLICATION

CJ / T326-2010 "Municipal drainage with plastic inspection wells" for eczema roads, public buildings, residential areas, factories and other areas within the depth of not more than 7m buried, can go down the operation of the plastic drainage inspection project design, Construction and maintenance.

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Wellbore size (mm.)	Silt starting seat	Silt type straight hole seat	Silt type 90 degree elbow	Silt type three-way well seat	Silt type four-way well seat
	Branch pipe specification	Branch pipe specification	Branch pipe specification	Branch pipe specification	Branch pipe specification
φ200	150	150	150	150	150
φ300	110 160	110 160	110 160	110 160	110 160
φ315	200 300	200 300	200 300	200 300	200 300
φ400	200 300	200 300	200 300	200 300	200 300
φ450	200 300 400	200 300 400	200 300 400	200 300 400	200 300 400
φ500	300 400	300 400	300 400	300 400	300 400
φ600	300 400 500	300 400 500	300 400 500	300 400 500	300 400 500
φ630	200 300 400 500	200 300 400 500	200 300 400 500	200 300 400 500	200 300 400 500
φ700	400 500 600	400 500 600	400 500 600	400 500 600	400 500 600
φ800	300 400 500 600	300 400 500 600	300 400 500 600	300 400 500 600	300 400 500 600
φ1000	500 600 700 800	500 600 700 800	500 600 700 800	500 600 700 800	500 600 700 800
φ1200	600 700 800 1000	600 700 800 1000	600 700 800 1000	600 700 800 1000	600 700 800 1000
φ1500	600 800 1000 1200	600 800 1000 1200	600 800 1000 1200	600 800 1000 1200	600 800 1000 1200
φ1800	1000 1200 1600 1800	1000 1200 1600 1800	1000 1200 1600 1800	1000 1200 1600 1800	1000 1200 1600 1800

FOREIGN STANDARDS

- 1, the European standard PREN193598.2: 2004 "traffic lots and deep installation of manhole wells and check and standardize"
- 2, the British standard BS7158: 2001 "drainage, sewage with plastic inspection wells"
- 3, Japan Standard JSAS731: 2002 "Rainwater Recycled Plastic Inspection Wells and Manhole Cover", Japan Sewer Association Standard JSWASK-7 "rigid polyvinyl chloride inspection Wells for Drains use", JSWASK-9 "Sewage with a small polyvinyl chloride"

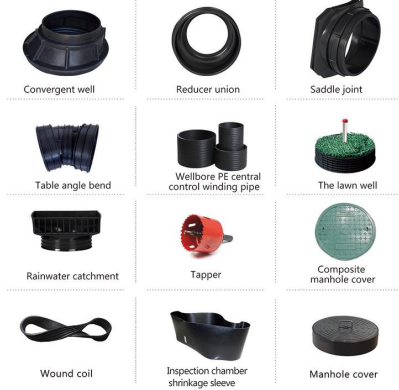
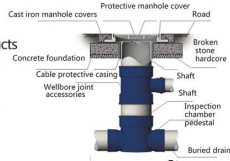
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DRAINAGE PRODUCTS



INSPECTION CHAMBER ACCESSORIES

Our standard at drainage products providing the highest quality products at fair prices with customize service to our clients.



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ADVANTAGES

Equipment : Advanced injection molding equipment to ensure quality stability

Raw material: The product adopts PPB,PVC-U or PE

Struction: Structural reinforcement is adopted in the outer wall for good performance



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DRAINAGE PRODUCTS

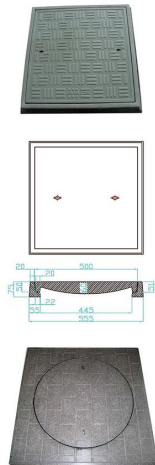


MANHOLE COVER

• Our Burglarproof Artistic manhole covers (shorted for FRP/GRP manhole cover) are made from composite materials such as glass fiber, resin, quartz, corundum etc.

• Applying wear-resistant and climate-resistant materials on the relief sculpture layer so that the products can be long-term used under different environment.

Size (mm)	Load Ability	Approx Weight (kg/set)
300*300	A15	9
	B125	19
400*400	A15	22
	B125	28
400*600	A15	25
	B125	32
450*900	A15	51
	B125	24
500*500	B125	35
	C250	46
	D400	58
500*700	A15	32
	B125	51
	C250	69
600*600	A15	37
	B125	48
	C250	58
	D400	76
600*900	A15	58
	B125	68
700*700	A15	63
	B125	81
	C250	84
800*800 (2 pieces)	A15	67
	B125	98
800*1000 (2 pieces)	A15	96
	B125	135
900*900 (2 pieces)	A15	120
	B125	127
1000*1200 (2 pieces)	A15	200
	B125	205

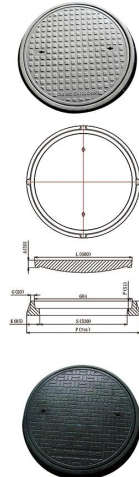


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• Applying continuous reinforced fiber on the structure layer to ensure the products having sufficient sustaining ability.

• Infusing the manhole covers with the art of relief sculpture, designing individually to meet clients demands with artistic effect, promoting the culture feeling of our products.

Size (mm)	Load Ability	Approx Weight (kg/set)
300	A15	10
	B125	15
400	B125	21
	C250	28
500	B125	33
	C250	45
	D400	58
600	B125	44
	C250	48
	D400	65
	D400	78
650	B125	42
	B125	54
	C250	68
	D400	78
700	B125	46
	C250	69
	D400	83
	D400	88
750	B125	60
	C250	77
	D400	88
760	B125	63
	C250	81
	D400	89
800	C250	99
	D400	112
850	C250	105
	D400	118



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DRAINAGE PRODUCTS

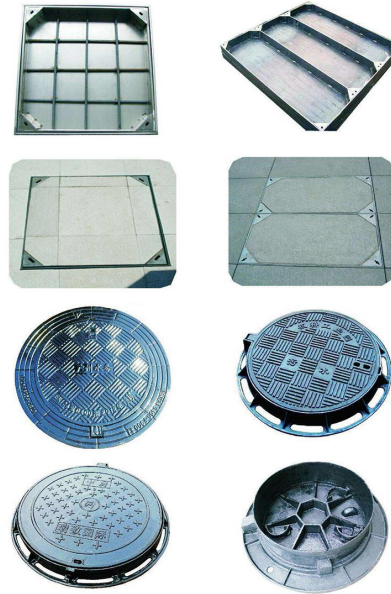


STAINLESS STEEL / CAST IRON MANHOLE COVER

Material	Stainless steel S304 / Ductile iron
Surface Treatment	Painting
Load	A15 B125 C250 D400 F600 E900
Standard	EN124-2015 EN1433
Sizes	Square manhole cover size: 300X300,400X400,500X500, 600X600,700X700mm Round manhole cover sizes: Dia 300,400,500,600,700,800mm
Application	Municipal roads, highways, communications
Advantages	High load rating and strength Against theft and safety options Durable service life Free design BS EN124 standard

★ PERSONALIZED CUSTOMIZATION IS ACCEPTABLE

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MANHOLE COVER



FACTORY & WAREHOUSE



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SHIPMENT



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DRAINAGE PRODUCTS



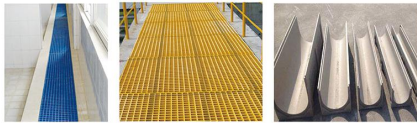
RAIN-GRATING

Size (mm)	Load Ability	Approx Weight (kg/set)
300*500*30	5 ton	6
300*500*60	8 ton	10
350*500*35	5 ton	14.5
400*600*30	5 ton	15.5
400*600*50	8 ton	19
450*750*50	8 ton	24.5
200*400*30	1.5 ton	1.8 kg/pc
300*400*30	1.5 ton	2 kg/pc



OTHER PRODUCTS

Product	Size (mm)	Approx Weight (kg/set)
Flower Pot manhole cover	700	17
Tree Grating	200*200*30	0.6



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LOAD CLASS SELECTION

The stormwater products detailed in this brochure are manufactured to comply with the load classes shown:

TRAFFIC CONDITIONS



A15- EXTRA LIGHT DUTY
Areas,including footways,accessible only to pedestrians andpedal cyclists and closed toother traffic



B125- LIGHT DUTY
Areas,including footways and light tractor paths accessible to vehicles(excludingcommercial vehicles)or livestock



C250 - MEDIUM DUTY
Malls and area open to slow-moving commercial traffic



D400 - HEAVY DUTY
Carriageways of road and areas open to commercial vehicles



E600 - EXTRA HEAVY DUTY
General docks and aircraft pavements(extra heavy duty-E)



F900 - EXTRA HEAVY DUTY
Docks and aircraft pavements subject to high wheel loads(extra heavy duty-F)

*Class E,F,G subject to availability.

NOTES:

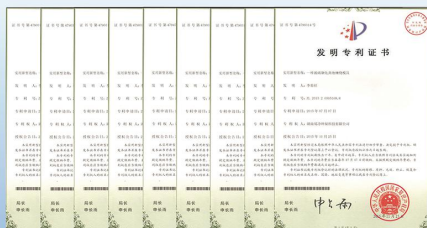
- 1.Nominal wheel loads are given to the type,size and pneumatic tire pressure of the road applied.
- 2.A force of 1 KN approximately equal to the weight of 100kg.

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ENTERPRISE QUALIFICATION

LETTER OF PATENT



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OUR MISSION
For water,for life.

OUR PROSPECT

To be excellent business,create first-class talent,leading in the drainage industry.

OUR VALUE

Customer-oriented,create value-added service for client.

