

**COMPOSITE MANHOLE COVERS, RAIN GRATING  
TREE FRAMES, GUIDE TILES**



**CONG VINH COMPOSITE COMPANY LIMITED**

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**CVC-JSC**

**CONG VINH COMPOSITE COMPANY LIMITED**



Cong Vinh Composite Co.,Ltd was founded in 1998 with the name Cong Vinh Co.,Ltd . 2002 transformed into Cong Vinh construction joint stock company . 2014 transformed into Cong Vinh composite Co, Ltd.

Our company has years of experience in the areas of: construction, production of building materials and producing all kinds of manhole covers, rain gratings, tree frames guide tiles for blind people made by Composite materials.

Our company has production lines the manhole covers, rain grating tree frames, guide tiles for blind people made by composite materials according to BMC technology " heat presses - not steel reinforced". This technological line allows producing for high load industrial design with much higher capacity than FRP natural curing technology.

Our products have been the directorate for standards metrology and quality certification of conformity to certification of conformity to TCVN 10333-3:2016 standard and has been the Hanoi Department of Construction approved for use in infrastructure projects of Hanoi city since 2009. Our products have been installed in the provinces and cities such as: Hanoi city, Ho Chi Minh city, Da Nang city, Hai Phong city, Quang Ninh province, Ba Ria Vung Tau province, Thanh Hoa province, Thai Binh province, Ha Nam province, Yen Bai province, Ha Giang province, Nam Dinh province, Bac Ninh province, Phu Quoc city - Kien Giang province, Vientiane - Laos.

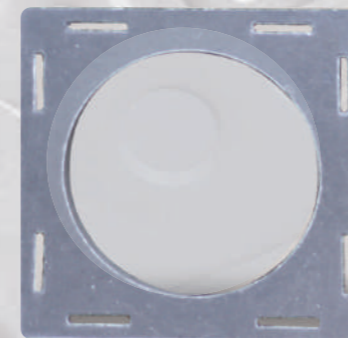
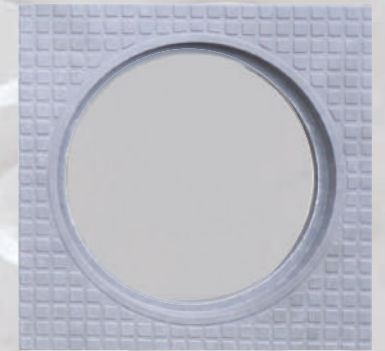
The average workforce of 50 people including managers, experienced engineers and skilled workers. Factory capacity of 100.000 products in one year , equivalent VND 120 billion.

Thanks and we hope to receive the cooperation of the customer!

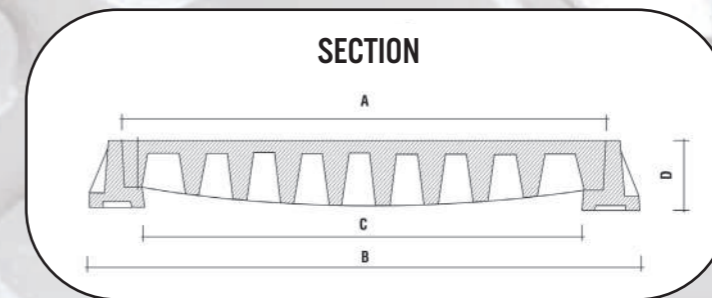




NO	PRODUCTS	SIZES				LOAD
		A	B	C	D	
1	The manhole cover, round lid, round frame 700 - 15KN	φ 700	φ 770	φ 630	70	15KN
2	The manhole cover, round lid, round frame 700 - 125KN	φ 700	φ 780	φ 630	70	125KN
3	The manhole cover, round lid, round frame 700 - 250KN	φ 700	φ 790	φ 630	80	250KN
4	The manhole cover, round lid, round frame 700 - 400KN	φ 700	φ 810	φ 630	100	400KN

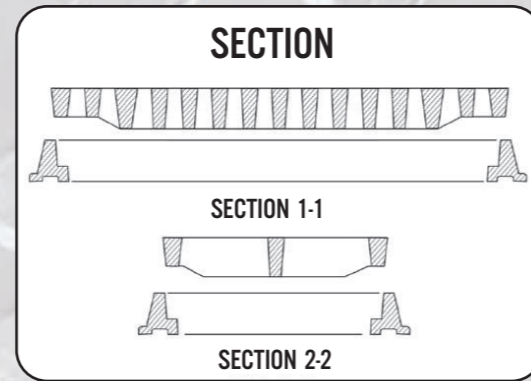
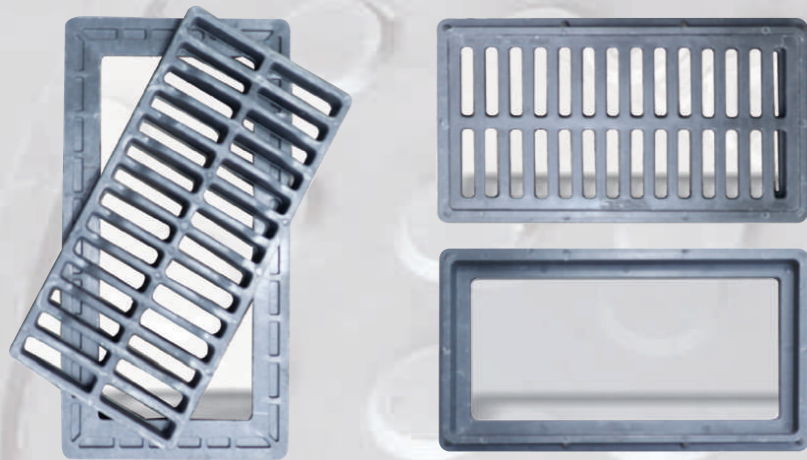


NO	PRODUCTS	SIZES				LOAD
		A	B	C	D	
5	The manhole cover, round lid, sunk square frame 850 x 850 - 125KN	φ 700	850 X 850	φ 630	70	125KN
6	The manhole cover, round lid, sunk square frame 850 x 850 - 250KN	φ 700	850 X 850	φ 630	80	250KN
7	The manhole cover, round lid, sunk square frame 850 x 850 - 400KN	φ 700	850 X 850	φ 630	100	400KN



NO	PRODUCTS	SIZES				LOAD
		A	B	C	D	
5	The manhole cover, round lid, appeared square frame 800 x 800 - 125KN	φ 700	800 X 800	φ 630	70	125KN
6	The manhole cover, round lid, appeared square frame 900 x 900 - 125KN	φ 700	900 X 900	φ 630	70	125KN
7	The manhole cover, round lid, appeared square frame 900 x 900 - 250KN	φ 700	900 X 900	φ 630	80	250KN

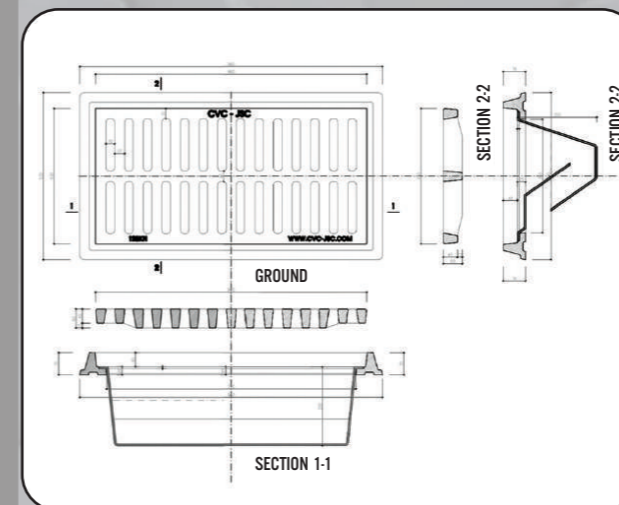




NO	PRODUCTS	SIZES		LOAD
		LID	FRAME	
1	Cover of water inlet 500 x 800	380 X 680	500 X 800	50KN
2	Cover of water inlet 500 x 800	380 X 680	500 X 800	125KN
3	Cover of water inlet 500 x 800	380 X 680	500 X 800	250KN
4	Cover of water inlet 530 x 960	430 X 860	530 X 960	50KN
5	Cover of water inlet 530 x 960	430 X 860	530 X 960	125KN
6	Cover of water inlet 530 x 960	430 X 860	530 X 960	250KN
7	Cover of water inlet has smell preventing gutter with Siphon principle	430 X 860	530 X 860	125KN
8	Cover of water inlet has smell preventing gutter with Siphon principle	430 X 860	530 X 860	250KN



**COVER OF WATER INLET HAS SMELL PREVENTING GUTTER WITH SIPHON PRINCIPLE**



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## COVER OF WATER TRENCH

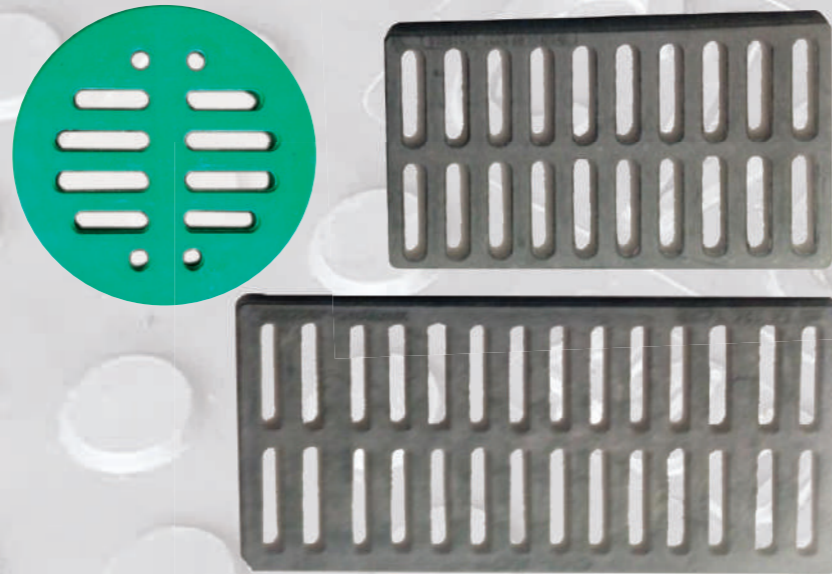
### SECTION



SECTION 1-1



SECTION 2-2



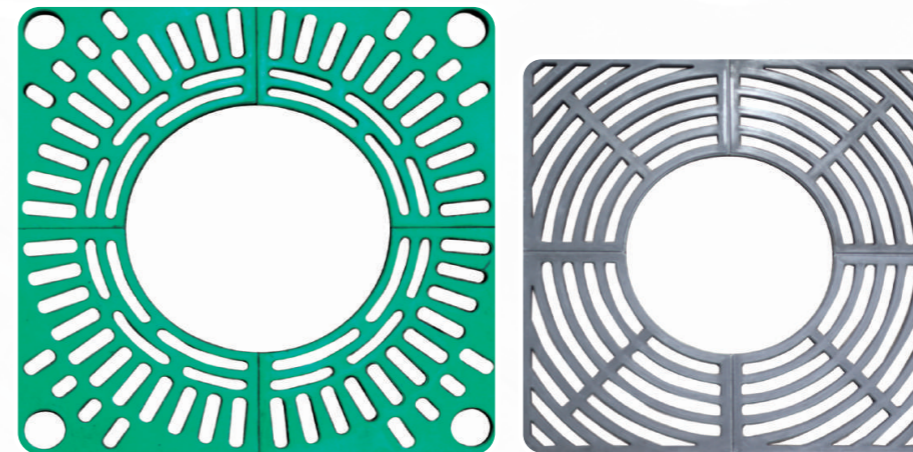
NO	PRODUCTS	LOAD	NO	PRODUCTS	LOAD
1	Cover of water trench 300 x 500	15KN	9	Cover of water trench 380 x 680	125KN
2	Cover of water trench 300 x 500	50KN	10	Cover of water trench 380 x 680	250KN
3	Cover of water trench 300 x 500	125KN	11	Cover of water trench 430 x 860	15KN
4	Cover of water trench 340 x 500	15KN	12	Cover of water trench 430 x 860	50KN
5	Cover of water trench 340 x 500	50KN	13	Cover of water trench 430 x 860	125KN
6	Cover of water trench 340 x 500	125KN	14	Cover of water trench 430 x 860	250KN
7	Cover of water trench 380 x 680	15KN	15	Cover of water trench 300 x 1000	125KN
8	Cover of water trench 380 x 680	50KN	16	Cover of water trench 300 x 1000	250KN

## AGAINST DAZZLE PIECE



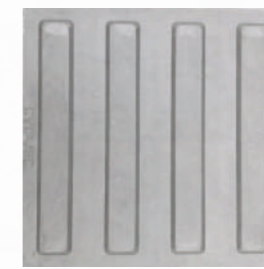
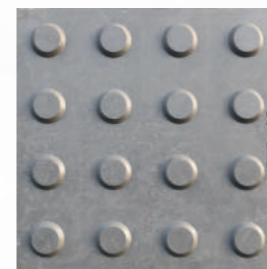
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## TREE - GRATING

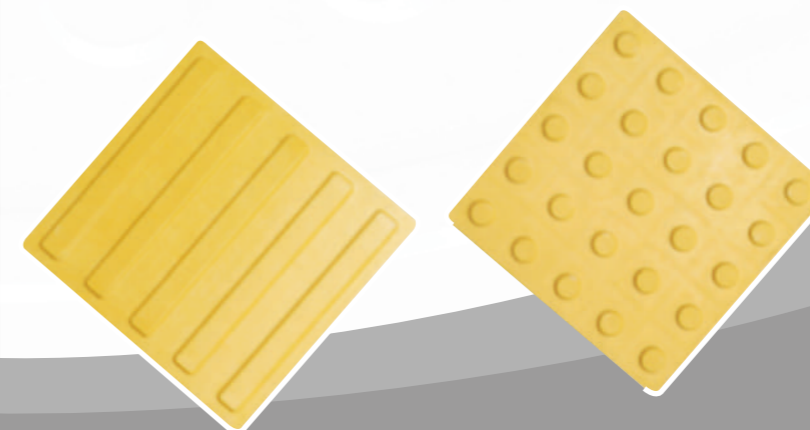


NO	PRODUCTS
1	Tree - Grating 1.200 x 1.200 x 25
2	Tree - Grating 1.000 x 1.000 x 25

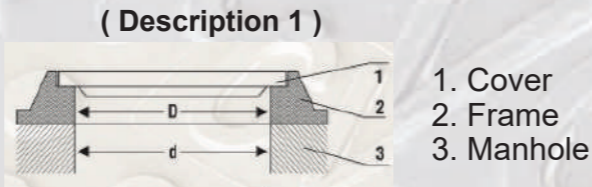
## GUIDE TILES



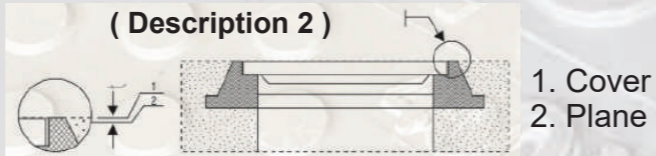
NO	PRODUCTS
1	Guide tiles: 300 x 300 x 20
2	Stop tiles: 300 x 300 x 20
3	Guide tiles: 400 x 400 x 20
4	Stop tiles: 400 x 400 x 20



1 Internal size d of the culvert head must not be large than size of hole D of the supporting frame to protect the frame from the decrement leading to the break - down in the Description 1.



2 Acceptance height difference the plane of he culvert cover and the surrounding ground surface is around ± 3mm in the Description 2.



3 Buffering a large of high - grade cement mortar is thick from 0.5 to 1cm below frame of manhole covers.

4 Installing chamfers around the frame of the manhole cover by concrete or asphalt concrete before matting concrete or asphalt concrete on the road surface.

5 Ensuring the setting time of concrete or mortar is allowed to go up the manhole covers.

6 During the installation and use, it is always imperative to place the right face of the cover upward ( the surface with design, logo) and open manhole cover by open hand with T shape.

7 Place of Installation

TYPE	LOAD	PLACE OF INSTALLATION
A	15KN	Areas which can only be used by pedestrians and pedal cyclists.
B	125KN	Footways, pedestrian areas and comparable areas, car parks or caf parking decks
C	250KN	For gully tops installed in the area of kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0.5 m into the carriageway and a maximum of 0.2 into the footway.
D	400KN	Carriageways of roads( including pedestrian streets ), hard shoulders and parking areas , for all types of road vehicles.

