



Product Description

The BCP® SMC Composite Round Manhole is a durable and versatile solution designed for modern infrastructure needs. Crafted from high-strength SMC material, it offers exceptional durability, lightweight handling, and easy installation. With features like knock-out duct holes, sealing covers, metallic brackets for efficient assembly, and extended cable looping, this manhole ensures seamless cable management and long-term reliability. Its UV-resistant design makes it perfect for outdoor applications, combining functionality with resilience.

Features & Benefits

- **Durable SMC Construction:** Manufactured with high-strength SMC material for enhanced durability.
- **Convenient Design:** Lightweight and knock-down structure ensures easy handling and installation
- **Versatile Access:** Features knock-out duct holes with sealing covers for adaptable cable management.
- **Efficient Assembly:** Equipped with metallic brackets for quick assembly and extended cable looping capabilities.
- **UV Resistant:** Engineered to withstand UV exposure, ensuring long-term performance in outdoor environments.

Applications

- Infrastructure
- Telecom operators and internet operators
- Developers
- Networks of public initiatives

Technical Specifications

Material	SMC (Sheet Moulding Compound) Composite Plastic
Chamber Inner Dimension	Dia900x900mm (Dia x H)
Chamber External Dimension	Dia1000x925mm (Dia x H)
Total Height	900mm
Loading Capacity	Meets all existing requirements of TS 1478 EN 124 norms Available in 3 Class standards: C250 (250Kn load capacity), D400 (400Kn load capacity) and B125 (125Kn load capacity)
Design weight	150kg (half part is 37.2kg, per panel 9.3kg, cover + frame 67kg)
Reserved duct hole size	110mm;
Accessories	Removable Duct sealing cover, cable bracket, closure bracket
Fasteners Material	Stainless Steel and Plastic



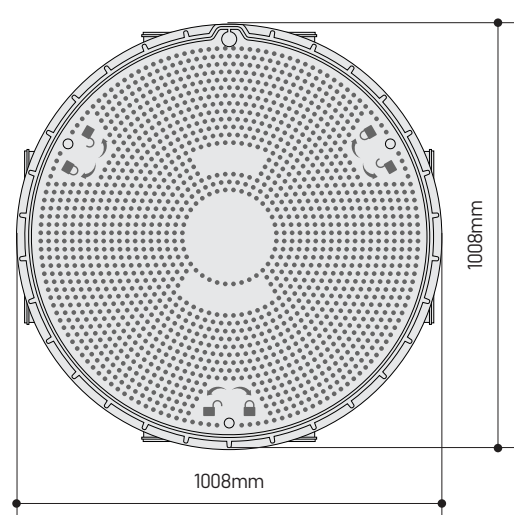
Knock-out Duct hole and Sealing Cover

110mm duct holes are pre-formed at the side wall, with "closed" statue when manufacturing. During site excavation purpose, workers can knock-out the duct hole very easily to get the duct hole through.

Accessories

Slack Bracket, occupied minimal space inside the chamber for workers to have enough working rooms.

Product Diagram



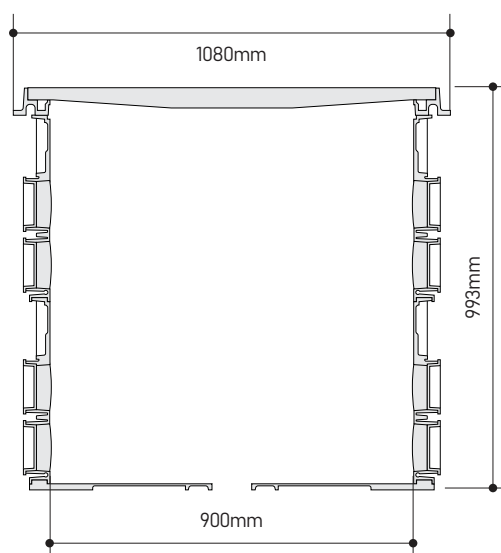
SMC Material Specifications

SMC is short of Sheet Moulding Compound, is a technology of fibreglass reinforced that widely applied in Water, Sewer, Telecom, Electricity industries. The SMC parts has the advantage of high-strength, light, non- corrosion etc.

Flexural Strength: Over 165Mpa; Flexural Modulus: Over 12000Mpa

Knock-Down Panel Design

900 is assembled with 8 single panels and 1 bottom plate, and total two layers and connected with special connectors. Panels are knock down package to reduce transportation and handling cost and set up at site.



Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Material		Colour	
SMC	SMC Composite	BLK	Black
		GRY	Grey
▲		▲	
B/SMC	11	BLK	D600
	▼		▼
1 in / 1 out	11	Diameter 600	D600
2 in / 2 out	22	Diameter 900	D900
Input / Output		Size	

Example Part Number	
Description	Part Number
Underground Cable Draw SMC Composite 1 in 1 out Black Diameter 900	B/SMC11BLKD900