



AUCKLAND DRUM
Sustainability Services



INTERMEDIATE BULK CONTAINERS

Collection and re-use programs for 'hard to recycle' packaging

COMPLETE IBC SERVICES

Auckland Drum Sustainability Services provides a comprehensive service for the collection and supply of new, rebottled and reconditioned intermediate bulk containers (IBCs).

New IBCs

Auckland Drum is the sole reseller of new Mauser® SM IBCs in New Zealand. Mauser® IBCs are designed to meet the tough needs of industrial, chemical and food packaging and are renowned for their reliability as well as the quality and variety of valves and accessories that are available.

Rebottled IBCs

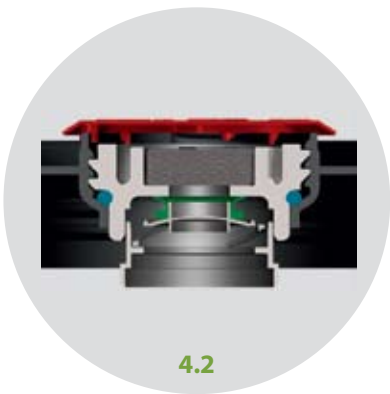
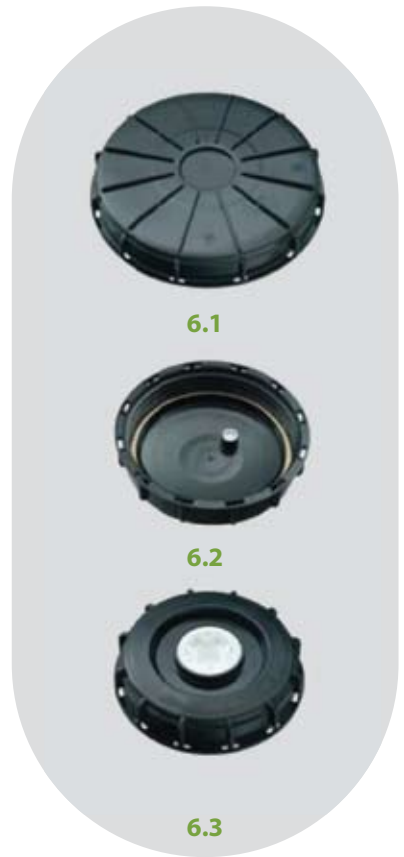
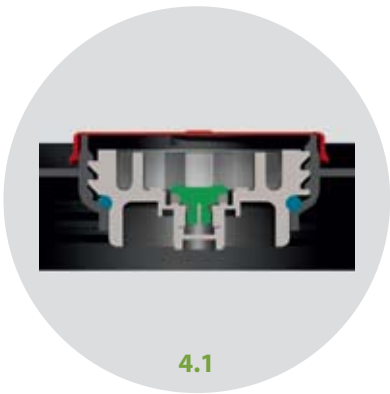
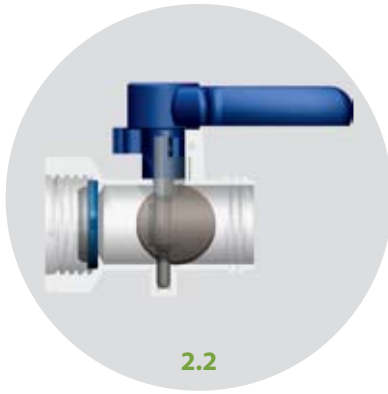
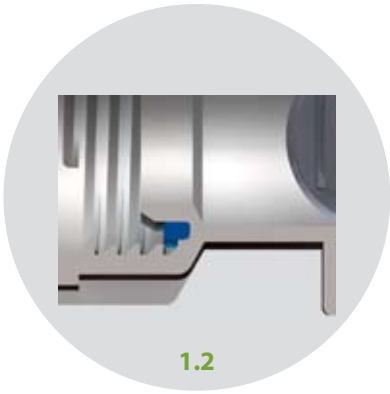
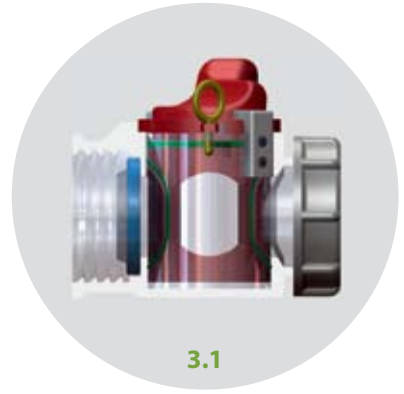
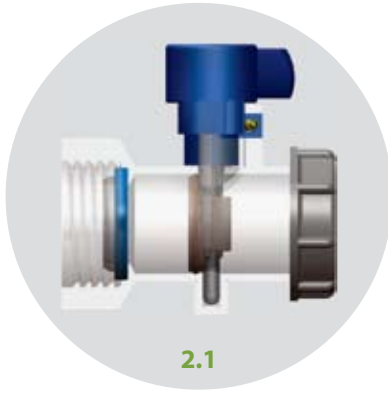
Rebottled IBCs are a cost effective alternative to a new IBC and combine the integrity of a new food contact approved bottle, valve and cap with the economy of a reconditioned cage.

Reconditioned IBCs

Reconditioning requires IBCs to go through a tightly controlled quality process that ensures the bottle and cage are thoroughly cleaned, components are checked and replaced if necessary. DG approved IBCs are recertified including leak testing and optional foil seals applied to the valves.



IBC type	New						Rebottled	Reconditioned	Reconditioned
	Suitable for food & DG packaging groups II & III						Suitable for food & DG packaging groups II & III	A Grade Suitable for DG packaging groups II & III	B or C Grade Metal, wooden or plastic pallet IBC
Dimensions	SM6	SM6 UN	SM13	SM13 UN	SM15	SM15 UN	Approximate dimension is 1200 x 1000 x 1146 (L x W x H). Please note that this may vary slightly between manufacturers		
Length (mm)	1200	1200	1200	1200	1200	1200			
Width (mm)	1000	1000	1000	1000	1000	1000			
Height (mm)	1175	1175	1146	1146	1175	1175			
Nominal volume ¹ (l)	1000	1000	1000	1000	1000	1000			
Brimful volume (l)	1050	1050	1050	1050	1050	1050	1050	1050	1050
Approval									
UN 31/HA1/Y		▲		●		●	●	●	
Type of pallet									
Wood, runner	●	●					Reconditioned pallet. The predominant pallet type is full steel, however, various other pallet configurations are available. Please consult your Auckland Drum representative		
Composite Steel-Plastic, frame			●	●					
Composite Steel-Plastic, runner			▲	▲					
Full plastic, runner ²					●	●			
Bottle									
HDPE, UV-stabilised	●	●	●	●	●	●	●	HDPE - fully laundered & cleaned of all residues	
Ex-protection		▲		▲					
Light protection	▲	▲	▲	▲	▲	▲			
Permeation barrier	▲	▲	▲	▲	▲	▲			
Screw cap/filling opening									
DN 150 ^{3,4}	●	●	●	●	●	●	●	Reconditioned top cap. Generally 150mm diameter	
DN 225 ^{3,4}	■	■	■	■	■	■			
Additional top bung ⁵									
BCS 56 x 4	▲	▲	▲	▲	▲	▲			
Discharge valve									
Butterfly DN 50 ⁶	●	●	●	●	●	●	●	Reconditioned valve. Various valve configurations are available. Please consult your Auckland Drum representative	
Cylindrical DN 50 ⁶	▲	▲	▲	▲	▲	▲			
Butterfly DN 80 ⁷	■	■	■	■	■	■			
Without valve	▲	▲	▲	▲	▲	▲			
Connection DN 150	▲		▲		▲				
Discharge tube									
DN 50	▲	▲	▲	▲	▲	▲	NA	NA	NA
DN 80	■		■		■				
Label plate									
Front 235 mm x 502 mm	●		●		●		At least one reconditioned label plate with DG label where applicable		
Front and rear 400 mm x 502 mm	▲	●	▲	●	▲	●			
● Standard	1 1250 l (330 gal) available in US.						5 Optional equipped with dip tube system.		
▲ Optional	2 EU version: runner; US version: window.						6 Connection CCS 60 x 6, NPS 2", 2"- or 1.5"-Camlock.		
■ Special Orders	3 Optional with integrated venting or centre bung.						7 Connection CCS 100 x 8, NPS 3".		
	4 Standard EPDM gasket, optional with FKM gasket.								



Mauser® discharge valves. Simply the best.

For all applications

Mauser® SM discharge valves have a rigid, one-piece polyethylene body which increases both their strength and resistance to corrosion. In addition, they have a retained gasket which improves the efficiency of the seal. The choice of polyethylene as the gasket material avoids the need to evaluate compatibility in relation to filling goods. IBC discharge valves are so critical to the integrity of the complete IBC that Mauser® produces all its valves in just one factory, giving total control over production and quality. The valves are produced in the most modern, injection moulding facility and completed in full automation. 100% inspection is used to secure functionality and liquid tightness. In manufacturing, the fitting of the valve to the bottle is also automated in a fully controlled process.

Butterfly valve DN 50 (2") and DN 80 (3")

Simple construction and easy to use: these are the characteristics of this robust butterfly valve. The ETFE seal used for the valve flap has outstanding chemical compatibility. For additional mechanical strength all moveable components are made of fibreglass-filled plastics.

Cylindrical valve DN 50 (2")

Comparable to the ball valve, the cylindrical valve works with an internal cylinder which is rotated by the handle into the open or closed position. In the open position, it permits unrestricted flow which can be regulated by the movement of the handle. The butterfly and the cylindrical discharge valves are available in metric and NPS threads or with quick connect in 2" and 1.5" sizes. A variety of adaptors are available.

- 1.1 Valve body
- 1.2 Retained gasket
- 2.1 Butterfly valve – closed
- 2.2 Butterfly valve – open
- 3.1 Cylindrical valve – closed
- 3.2 Cylindrical valve – open

Mauser® accessories. More than just a standard.

Screw caps

Screw caps can be delivered in standard diameters of DN 150 (6") and DN 225 (9"). Both sizes are available in a plain version or with integrated venting. These venting systems are required for gaseous filling goods or, alternatively, when there are large temperature changes such as with hot filling. Screw caps with a centre bung in BCS 56 x 4 or 2" NPS sizes are available for use with pumps or dip tubes.

Optivent®

This unique venting system, which is fully UN approved, enables the IBCs to be emptied without having to unscrew the cap. This is critical in such areas as offshore oil platforms or ultra-clean applications where contamination from the outside must be prevented. Any contamination is captured by an integrated filter system while the valve mechanism simultaneously permits a high level of air flow.

Pressure relief valve

This relief valve was developed for filling goods capable of dangerous reactions that include the release of large amounts of gas. During normal operations, the valve is closed in both directions but, at a defined pressure level, the pressure relief valve opens and depressurises the IBC bottle.

Label plates

Steel label plates are available in small, medium and large sizes for the Mauser® SM IBCs. To eliminate the possibility of damage to the IBC bottle, all edges are flanged and rounded off. There is also a XXL version made of plastic. All label plates are securely connected to the IBC cage though plates can be exchanged or additional plates fitted easily.

- 4.1 Pressure relief valve
- 4.2 Optivent® valve
- 5.1 Label plate large
- 5.2 Label plate medium
- 6.1 Screw cap DN 225
- 6.2 Screw cap DN 150 with integrated venting
- 6.3 Screw cap DN 150 with centre bung

COMPLETE IBC SERVICES

Auckland Drum is a leading service provider for the collection and supply of 'hard to recycle' packaging. With national collection, buying and reconditioning services, Auckland Drum can offer customers a lower and a more environmentally sound solution for bulk packaging.

Key Benefits of Using our IBC Services

Collection of IBCs

- Our collection and buying service covers all types and brands of IBCs.
- Auckland Drum is a member of the global Mauser® Recollect Program which provides free pick up of empty IBCs in most industrial zones worldwide.
- To arrange collection, simply call the toll free number shown on our collection sticker in either New Zealand or Australia.

Reconditioning and Rebottling Services

- Our reconditioning and rebottling services can extend the life of IBCs without compromising quality.
- We have the capability to recondition all brands of IBCs in the market.
- Spare parts are available from Auckland Drum.

Dangerous Goods Recertification

- If your company transports DG rated products, Auckland Drum is qualified to recertify IBCs to DG standard – a legal requirement when transporting dangerous goods domestically or for export.

Total Fleet Management

- Auckland Drum can manage your entire IBC fleet including contract cleaning, maintenance, DG recertification and return logistics. We can also provide a collection service from your customer's premises.
- Tailor made solutions are available to suit each customer's needs.
- When your IBC reaches end of life, we dispose of it responsibly.



Collection and re-use programs for 'hard to recycle' packaging

For IBC sales or collections contact:

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AUCKLAND DRUM
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