



The Pensteel Range of Rental IBCs – MC1000

The *RentaCube*® Stainless Steel MeterCube IBC

Ever thought of using stainless steel IBCs in your logistics or production programme but have been put off by the investment, or by your client only committing to a 6 month or 12 month contract and investing in stainless steel would be a gamble. – The answer could lie in renting IBCs instead of buying or lease purchase.

RentaCube (a division of ***Pensteel Limited***) have made it easy for your company to benefit from the use of IBCs without any major capital outlay and is available on a daily rental basis, (minimum rental is 30 days). To end the rental period you simply return the container/s in a good and clean condition.



The MeterCube – 1000 Litre capacity IBC

Benefits: -

- ◆ No capital approval required – this avoids delays and possible capital expenditure rejection.
- ◆ Renting offers a tax-deductible expense for the vast majority of companies.
- ◆ Rapid hire and de-hire is available to meet your demands.
- ◆ The most up-to-date design and robust containers to keep your products safe and hygienic.
- ◆ The IBC's size suits today's transport hardware – making savings by carrying more product per journey.
- ◆ UN Certified - acceptable for the shipment of the vast majority of today's chemicals, with no worry of IBC re-testing – this is carried out by us **FREE OF CHARGE**.
- ◆ IBCs can be heated, cooled, insulated, stirred or pumped by rental equipment, this gives your company greater flexibility.



Stacked 2 high, 20 MC cubes can fit into a 20 ft ISO container, ie. 20,000 Litres of product

Rental prices are per unit per day and the minimum rental period is 1 month (30 days)

RentaCube Rentals – a Division of :- Pensteel Limited

Unit 1 Horndon Industrial Park, West Horndon, Brentwood, Essex CM13 3XL
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Technical specification

Intermediate Bulk Container - 1000 litre capacity (220 Imp Gallons) For the transportation of hazardous chemicals, packing groups II & III

Approvals : ADR, RID, IMDG and UN (UN31A/Y/MOYR/FIN/TUKES-267/*****)

Maximum S.G : 2.6 kg/Ltr

Tare weight : Approximately 150 KGs.

Dimensions : 1150mm x 1150mm x 1140mm Height

Pressures/temperatures:

Working pressure RID/ADR 0.2 bar

Vacuum 0.03 bar

Design temperature* -10°C to + 65°C

Working Temperature* -10°C to + 65°C

Construction : Stainless Steel (Aisi 304) square tank mounted on a welded
Stainless Steel pallet (Aisi 304)
Forklift loops attached to bottom frame
4 x top crane lifting eyes

Surface finish : Satin Steel finish (acid bated both inside and out)

Stacking : 4 high

Handling : The following handling methods can be used: -

- Using bottom forklift loops, dimensions 200 mm X 100 mm
- Using top lifting eyes
- Pallet truck (4 way entry)

Connections : - 1 x Manhole in top surface, diameter 460 mm with manlid and 6 swing bolts, PTFE encapsulated EPDM seal
DN50 Stainless Steel full port ball valve with 2" male Camloc adapter
Polypropylene Camloc dust cap (seal –Buna-N) secured to tank with chain

- 1 x Fort Vale Twinact Pre/Vac Vent in Aisi 316 – Seal Perlast (5 psi)
- 2 x 1½" Socket with female BSP thread, supplied with dust cap and PTFE seal, secured to tank with chain
- 1 x 2" Socket with female BSP thread, supplied with dust cap and PTFE seal, secured to tank with chain

Heating Unit : - All connections fitted with tamper evident facility for Customs sealing

- Double wok pan heating unit in Aisi 304, fitted with ½" inlet and outlet steam pipes (½" BSP Male thread), pipes fitted with screw caps in Aisi 304 and secured to tank with chain, maximum operating pressure 2 bar (4 bar test)

Accessories : - 1 x Stainless Steel document pocket, welded to the IBC body

- 1 x Earthing strap
- 1 x UN Identification plate
- 1 X Pressure test plate

65° C Working temperature is based upon the operator coming into direct contact with the sidewall of the container, causing injury. Higher/Lower operating temperatures can be used but it is recommended that an insulation jacket be employed to avoid operator contact.

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