BILLY PUGH COMPANY

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MULTI-PURPOSE OFFSHORE BULK LIFTER IBC-1

Specification sheet · BPC-SPC-IBC1

DROPPED OBJECT MITIGATION

Document no.	BPC-SPC-IBC1	**Revision**	Rev. 0
Issue date	06-NOV-2026	**Status**	Controlled document
Document owner	Inside Sales	**Approved by**	Chief Operating Officer



IBC tote mode



FIBC mode, dropped object protection



Pallet mode, dropped object protection

1. DESCRIPTION

The IBC-1 is a multi-purpose offshore lifting frame for Intermediate Bulk Containers (IBCs), Flexible Intermediate Bulk Containers (FIBCs) and palleted loads. Its design is based on full load containment. In tote mode the frame is lowered over the IBC and encapsulates it, protecting against the lateral loads that come from transporting fluids. In FIBC and pallet modes the frame carries a cargo net that surrounds the load, giving dropped object protection if a bag handle breaks or material shifts.

2. SPECIFICATIONS

Item	Detail
Model	IBC-1 (patent pending)
Lifting modes	IBC tote, FIBC, pallet
Working load limit	2,500 kg (5,512 lb), IBC and FIBC modes
Working load limit, pallet mode	2,268 kg (5,000 lb)
Maximum gross weight	2,651 kg (5,846 lb), including lifter and upper rigging
Pallet lifting bar	1,250 kg working load limit each
Design standard	ASME BTH-1-2020, Service Class 1, Category B
Safety and inspection standard	ASME B30.20
Rigging	5:1 minimum design factor; Crosby or Van Beest hardware, to customer preference
Third-party approval	ABS Confirmation of Product Type Approval, 24-2511006-PDA

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Item	Detail
IBCs	275 gallon (1,040 L) and 330 gallon (1,250 L) composite IBCs
FIBCs	Footprint 30 in. x 30 in. to 48 in. x 48 in.
Pallets	40 in. x 48 in. and 48 in. x 48 in.
Hooks	Eight 3 t weld-on excavator hooks for vertical lift slings, facing inward
Cargo nets	Multiple sizes, to match the FIBC sizes on the market
Operating temperature range	0 °C to 50 °C (32 °F to 122 °F)
Use and inspection	BPC-RP-IBC1, IBC-1 Recommended Practice and Inspection

3. KEY DESIGN FEATURES

- The upper lift frame is lowered over the IBC tote to contain the load and mitigate lateral loads from sloshing fluids.
- Vertical sling sets hang from weld-on excavator hooks, designed for easy on and easy off to switch between lifting modes.
- Vertical sling sets with locking hooks are easy to inspect in the field and easily replaced if damaged.
- Multiple sling lengths are available to switch between IBC lifting and pallet lifting.
- The weld-on excavator hooks face inward, protecting them from damage during offshore lifting.
- A radiused internal bumper centers the tote in the frame and gives a safe hand position for fitting the slings.
- Integrated green handles give a safe hand placement if a load needs to be manipulated.

4. REVISION HISTORY

Rev.	Date	Description of change	Issued by
0	06-NOV-2026	First issue under a controlled document number, as BPC-SPC-IBC1. Source: uncontrolled IBC Lifter Product Brochure r1. Ratings stated to the structural calculations and ABS type approval.	R. Siqueira, CEO

5. APPROVAL

	Name and title	Signature	Date
Prepared by	Rodrigo Siqueira, Chief Executive Officer		06-NOV-2026
Approved by	Ray Coleman, Chief Operating Officer		09-Nov-2026