

Rock Catcher

Bulk transfer system protection

APPLICATIONS

Land and offshore drilling

ADVANTAGES

- Heavy-duty steel mesh for catching large objects in bulk fill lines
- Quick-connect-disconnect coupling for emptying the unit quickly and easily
- Manual pressure indicator (PI) installed upstream and downstream of the unit
- Simple robust construction and inline installation design for minimal maintenance



The rock catcher is a safeguard in the bulk transfer system, reducing the wear and tear on the system as well as preserving the uniformity of the bulk powder. The rock catcher prevents oversized objects from entering the onboard bulk system during bulk transfers from supply vessels. It also breaks any large lumps of bulk material into finer, more manageable pieces.

A heavy-duty steel mesh catches any large debris in the bulk fill lines. The captured objects are stored in a blind flange. This flange is fitted with a quick-connect-disconnect coupling to expedite emptying the unit. A manual PI is installed upstream and downstream of the unit. Operators monitor the indicators whenever the fill line is in use to ensure that the unit is not clogged or full.

Technical Specifications

Area classification	Safe zone
Control and monitoring	Manual
Operating temperature, degF [degC]	-4 to 176 [-20 to 80]
Size (typical), in [mm]	4 to 6 [102 to 152]
Weight, lbm [kg]	254 [115]

Standard Scope of Supply

Rock catcher for inline installation complete with

- Heavy-duty mesh
- Quick-connect-disconnect coupling
- Two manometers (loose supply)
- Standard documentation

Options

Spare parts