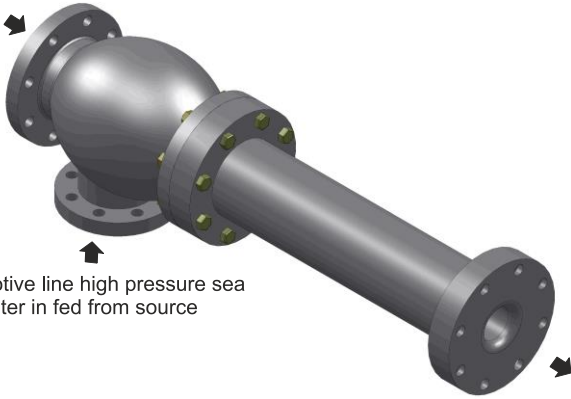


SPUD CAN EDUCTOR E-1700 Series

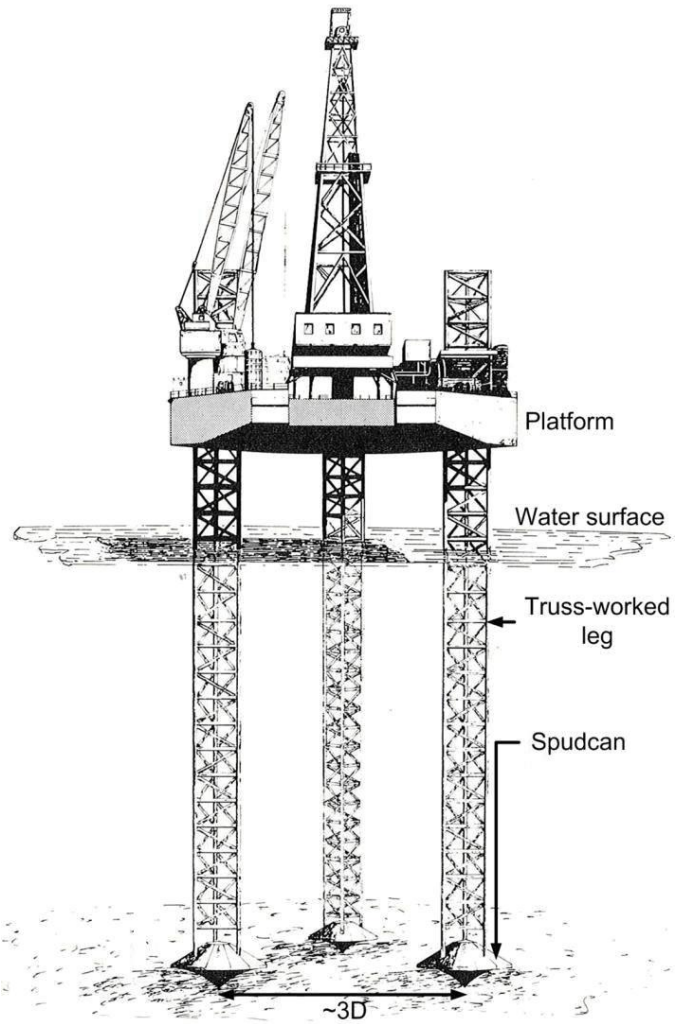


Suction line - water from spud can is sucked in to eductor



Motive line high pressure sea water in fed from source

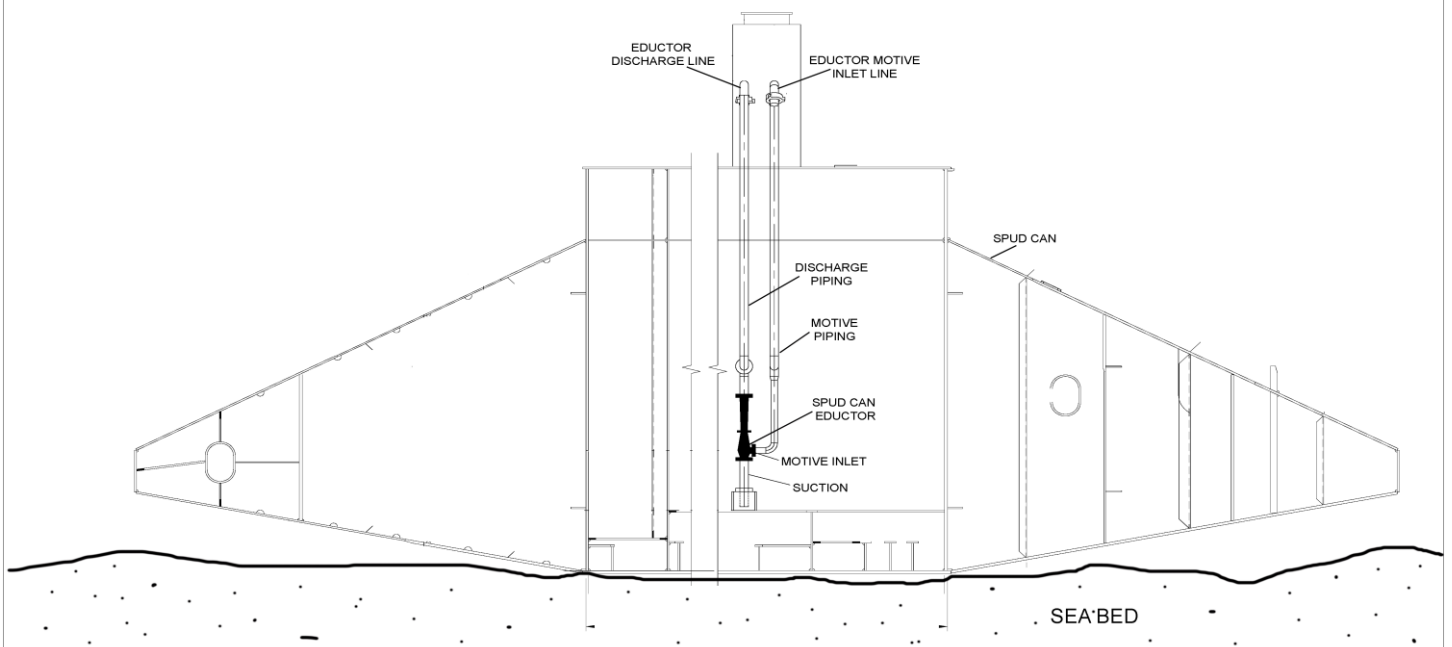
Discharge line spud can hold up volume is discharged to sea.



Eductor is hydraulically driven equipment which utilizes the pressure energy in the flowing fluid to suck & evacuate other fluid and discharge it.

Eductor principles are applied in design & development of "SPUD CAN EDUCTORS" which are widely used in "OFF-SHORE DRILLING" application.

SPUD CAN EDUCTOR – TYPICAL INSTALLATION

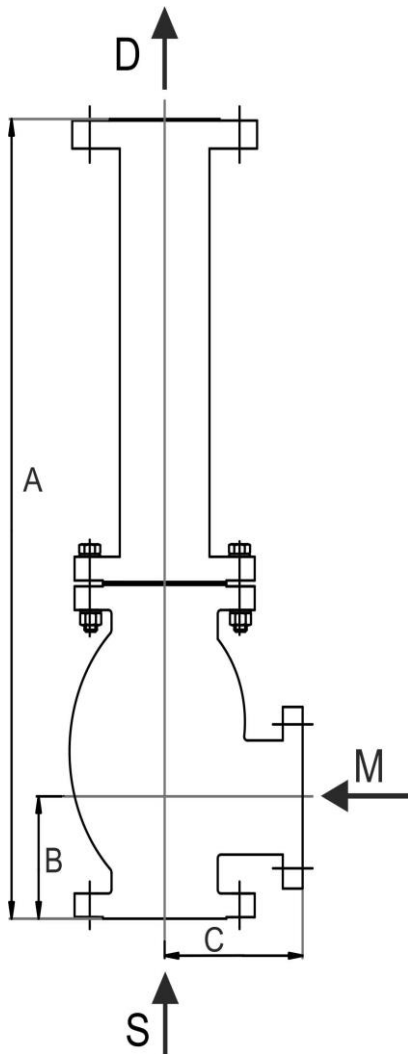


- ⤴ A Spudcan is a conical footings used as foundation for offshore platforms especially for 'Jack-up' type oil platform.
- ⤴ Legs are the key components of a jack up drilling platform, are used to support the main body of a jack up. Typically, there are three legs for each jack up with the legs arranged in a triangular form, and the legs are long enough to allow the jack up to work in deep water when it is in an elevated position.
- ⤴ It is designed to spread the load so that the rig does not sink deep into the seabed. Air will also be blown through it while seating the legs so as to move any loose debris away.
- ⤴ The base of each leg is fitted with a "SPUD CAN" which consists of a plate or dish designed to spread the load and prevent over penetration of the leg into the seabed.
- ⤴ Spuds are circular, square or polygonal, and are usually small.
- ⤴ Spud cans are subjected to bearing pressures of around 5000-1000 pounds per square foot.
- ⤴ Allowable bearing pressures must be known before a jack-up can be put on location.
- ⤴ A water ejector system is fitted inside the spudcans (leg footing) to empty the leg footings for ocean tow or inspection.



PRODUCT DIMENSIONAL DATA

SUPERIOR DESIGN



Primetech offers E-1500 Series, standard and custom built SPUD CAN EDUCTORS. Unlike conventional eductors, these E-1500 Series Spud can Eductors are designed with "IN-LINE SUCTION & ANGULAR IN-LINE MOTIVE" flow feature.

This design feature enables vertical upward installation of SPUD CAN EDUCTOR, thereby enabling direct suction from Spud can bottom and easy discharge in vertically upward line. This improves suction/Evacuation efficiency and minimizes losses.

APPLICATION

SPUD CAN STRIPPING

MATERIAL OF CONSTRUCTION

Body	Cast Iron/ Carbon Steel/ SS316/ Bronze/ Gun Metal.
Nozzle	Cast Iron/ Carbon Steel/ SS316/ Bronze/ Gun Metal.
Fasteners	Steel-GI/ Other MOC as required.
Gaskets	Oil resistant rubber.

END CONNECTION

Flanged to ANSI B16.5 150# as a standard. We can also provide other standard end connection as required.

E-1700 SERIES – SPUD CAN EDUCTOR – DATA TABLE

Model	Capacity*	Inlet	Suction	Outlet	Dim (A)	Dim (B)	Dim (C)
E1703	100	80NB	100NB	150NB	700	130	170
E1704	165	100NB	150NB	200NB	930	150	200
E1706	250	150NB	200NB	250NB	1080	180	230
E1708	400	200NB	250NB	300NB	2650	230	280

*Capacity will vary with operating conditions. Custom built higher capacities also can be supplied.