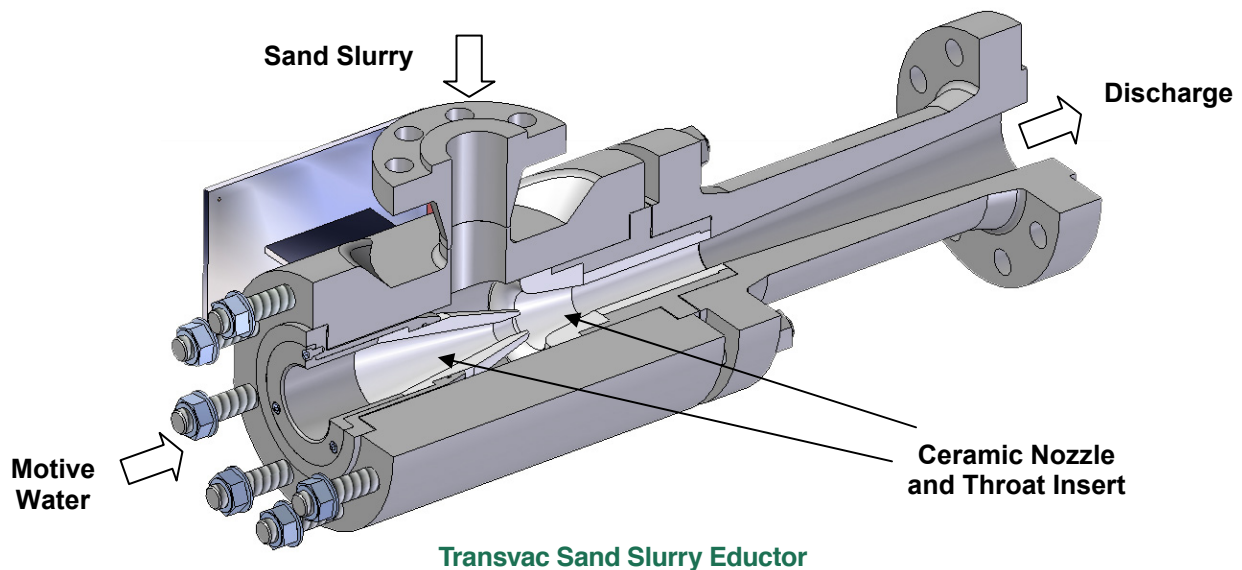


Sand Slurry Eductors

Transvac Eductors (also called Liquid Jet Pumps) are an ideal method of transporting sand slurries from Separators or Cyclones as part of a desanding / sand washing system.

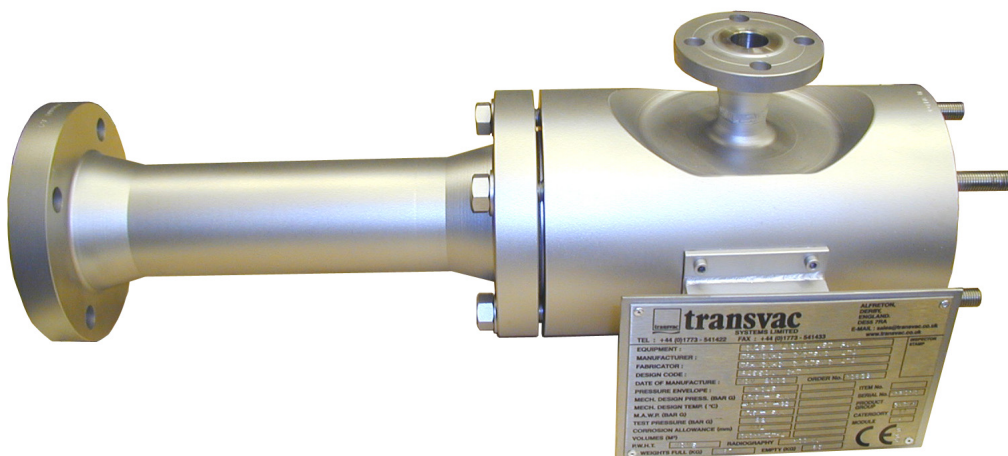
Accumulated sand is normally fluidised to ensure it will flow, using jets of water by-passed from the motive water supply, prior to entering the suction port of the Eductor. The motive fluid can be produced water or sea water.

Transvac sand slurry Eductors are manufactured as standard with a special grade ceramic motive water nozzle and throat insert to resist abrasion.



Operation

Pressurised water is accelerated through a jet nozzle creating a region of low pressure into which the fluidised sand slurry is entrained. The two streams then combine within the diffuser throat before being decelerated to regain sufficient pressure to overcome system back-pressures.

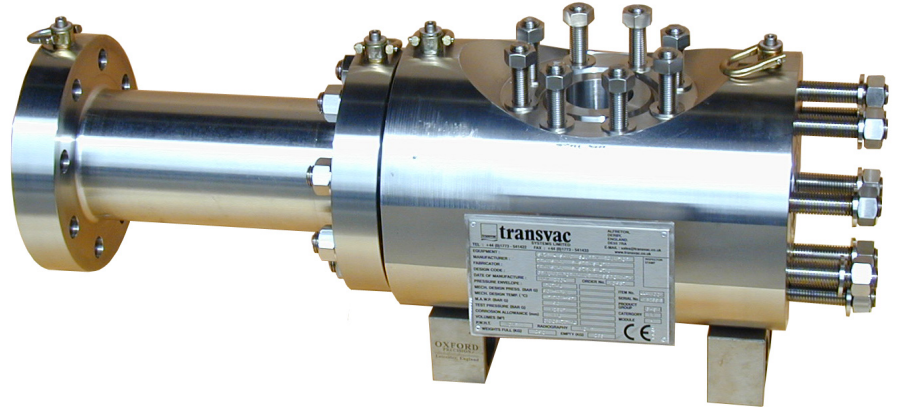


**Duplex Sand Slurry Eductor
for ConnocoPhillips, Indonesia**

Sand Slurry Eductors

Advantages

- No moving parts
- Long operating life
- Low noise
- Reliable operation
- Compact design
- Simple to install & maintain
- Easy to control
- Low capital cost
- Subsea or topside installation



**Super Duplex Sand Slurry Eductor
for Statoil, Norway**

All Transvac sand Eductors are custom designed to suit each application to ensure maximum operating efficiency.



**Carbon Steel Sand Slurry Eductor
for FPSO Chinguetti**



**Subsea Duplex Sand Slurry Eductor
for Statoil (TORDIS), Norway**

The body of the Eductor is available in stainless steel, carbon steel, duplex, super duplex or 6Mo.

Design codes and standards include ASME VIII Div1, PD 5500, ASME B31.3, Norsok, NACE and units are CE marked where applicable. Connections are flanged RF, RTJ or compact as standard.

All of Transvac's design and manufacturing processes are quality assured and certified to BS EN ISO 9001:2000. Transvac is registered with First Point Assessment and Achilles.