



ELECTRIC VACUUM UNIT (EVU).



SPECIFICATION.

POWER

75kW or 110kW

CLASSIFICATION

DNV 2.7-1

DIMENSIONS (LxWxH)

2.44m x 1.65m x 2.15m

TARE WEIGHT

1000kg

ZONE CLASSIFICATION

Zone II area, 3G t4X

PRODUCT DESCRIPTION.

TWMA's in-house designed, manufactured, and operated EVU's are one of the most versatile vacuum systems on the market capable of supporting cleaning operations but also used in drilling waste transfer solutions.

The liquid-ring pump compresses gas by rotating an impeller located eccentrically within a cylindrical casing. Water is fed into the pump and, by centrifugal acceleration, forms a moving cylindrical ring against the inside of the casing. This liquid ring creates a series of seals in the space between the impeller vanes, which form compression chamber and subsequent vacuum in the system.

This efficient vacuum system allows for efficient rig site management of drilling waste and associated materials.

FEATURES & BENEFITS.

- Eliminates any handling difficulties
- Minimises personnel exposure when handling hazardous waste material
- Vacuum rated waste containers can be relocated and processed offline at a convenient location/time
- Can be used in conjunction with vacuum rated waste skips
- Can handle varying particle size encountered offshore during cleaning operations
- Designed and built with major emphasis on flexibility, ease of operation and minimal maintenance

