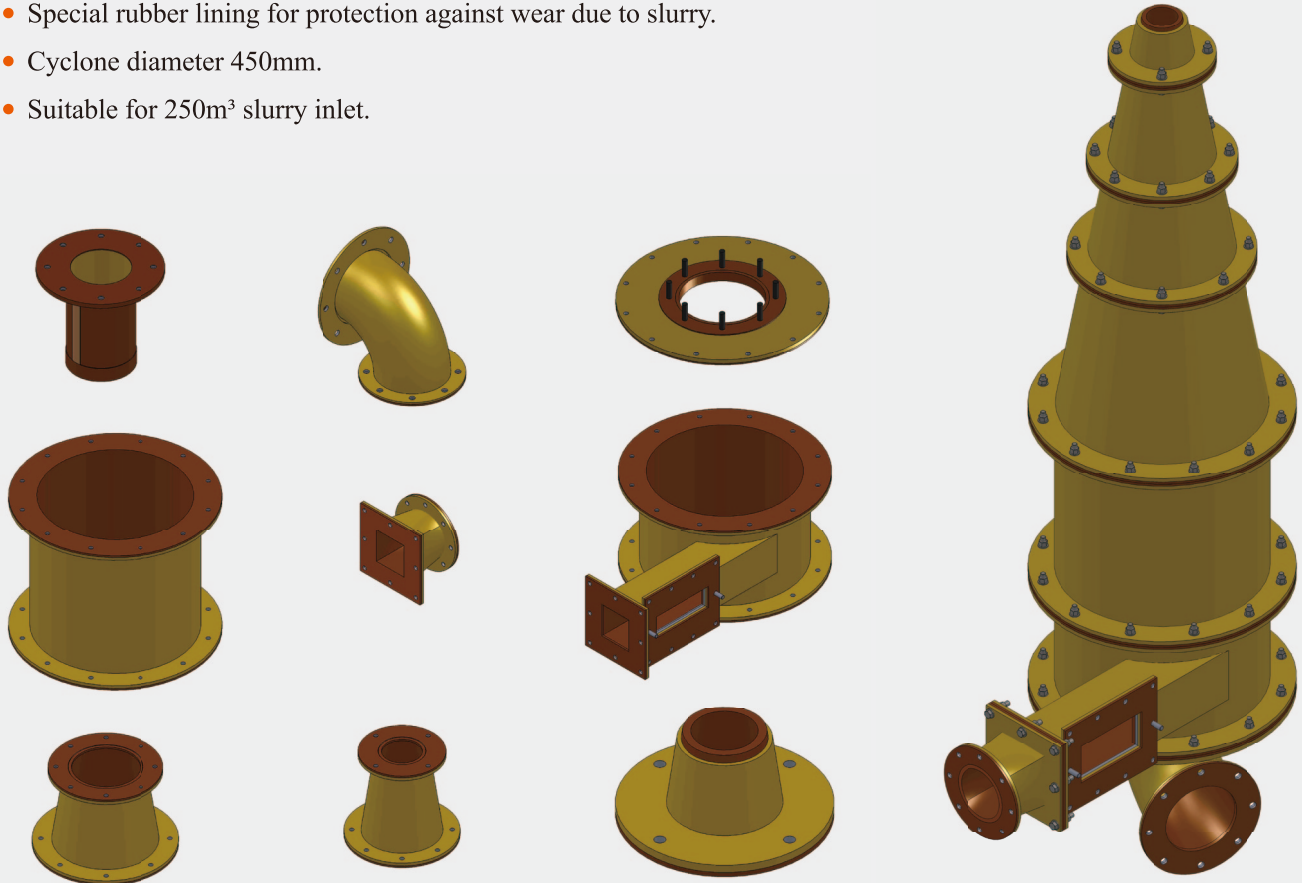


HEMCO CYCLONE SEPARATORS, SIEVES AND VIBRATION MOTORS

Cyclone separators are used to remove sand and solid particles from the slurry. Sand separation mainly depends upon viscosity and degree of charge of the slurry. Cyclone separators find extensive use with desanders or diaphragm wall cutters. Special rubber lining makes our cyclone well suited for any type of abrasive slurries.

CYCLONE SEPARATORS:

- Achievable separation cut up to 0.06mm.
- Special rubber lining for protection against wear due to slurry.
- Cyclone diameter 450mm.
- Suitable for 250m³ slurry inlet.





VIBRATION MOTORS:

Fly weights on each of the shaft ends cause the imbalance upon shaft rotation, hence producing the vibrations. Shaft rotates in the bearings which are permanently greased.

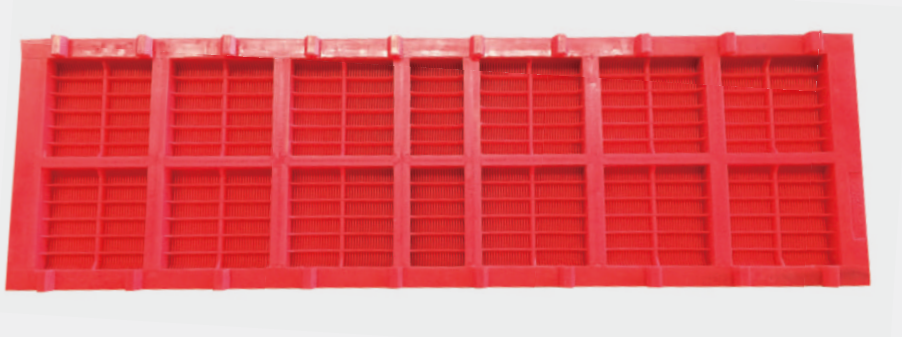
- Completely closed, vibration resistant cast metal housing.
- Cast-on fins for transmission of centrifugal forces.
- Fly weights to incorporate centrifugal force.
- Power: 1.5KW/4.5KW; Revolutions: 1500rpm
- Rubber seals on the body to prevent any dust penetration.

SIEVES/VIBRATING SCREENS:

Sieves are mounted beneath the vibrating motors of desanders. Well designed slope, assisted vibrations and specially designed sieves ensure that the solids leave the screening area after maximum dewatering. Different mesh openings are available for different types of slurry content.

ADVANTAGES

- Very easy to install
- Robust steel substructure
- Panels made of rubber or polyurethane gives high resistance to wear and tear
- Adapter bars protect substructure against wear and tear
- Possibility of using various screens on one screen deck
- Suitable for OEM equipments and conversion
- Very efficient and can also be equipped with wire screens
- Various sieve opening sizes are available in stock or as per demand



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