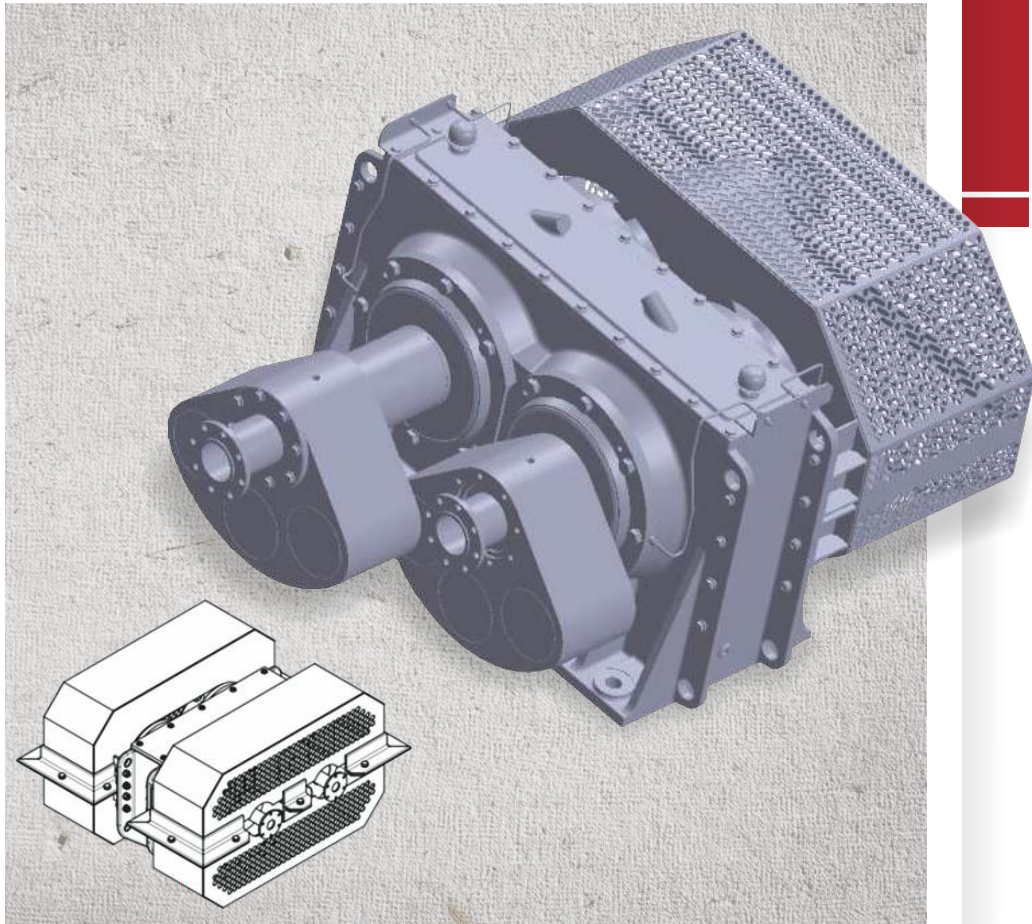




GEARLESS EXCITERS



VIBFEM

VIBFEM Equipment Private Limited



No.5, Narendra Industrial Premises,
MIDC Pirangut, Pune, Maharashtra,
India - 412115

Email : sales@vibfem.com
Phone : +91 87674 40656
Website : www.vibfem.com

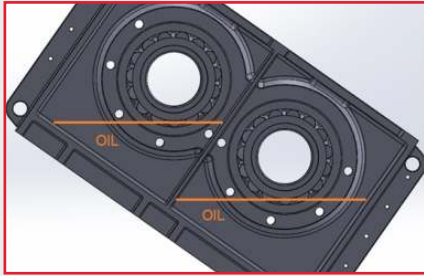


VIBFEM Pty Ltd

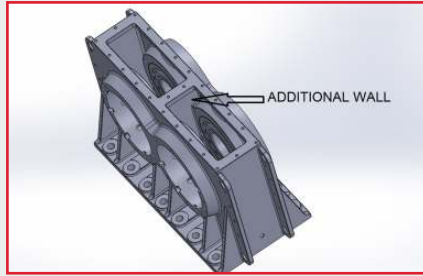
17 Wonil Way, Karawara WA 6152, Australia
Email : ziggy.gregory@vibfem.com.au
Website : www.vibfem.com.au

GEARLESS EXCITERS

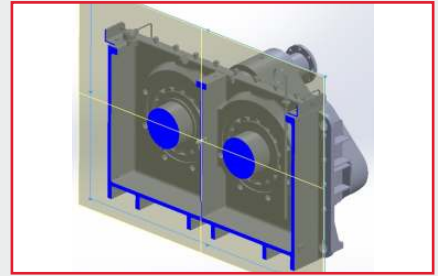
VIBFEM Gearless exciters can be fitted in existing screens. Custom designed as per application and size. Retro fitment option by VIBFEM to improve efficiency of your existing screen. We also undertake repair of mining screens.



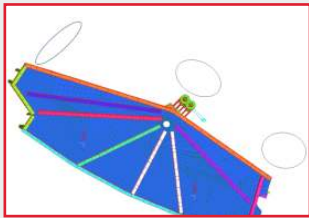
**Bearing continuously
in oil bath**



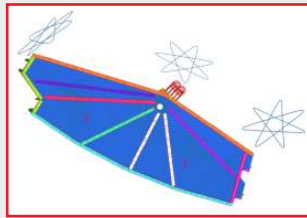
**View of housing, stronger
with additional wall**



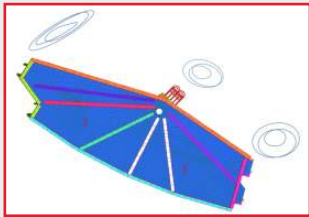
**Section of
Gearless exciter**



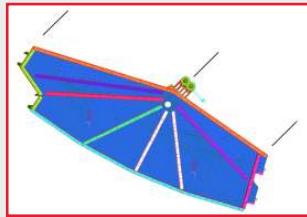
**Trajectories for the
circular motion**



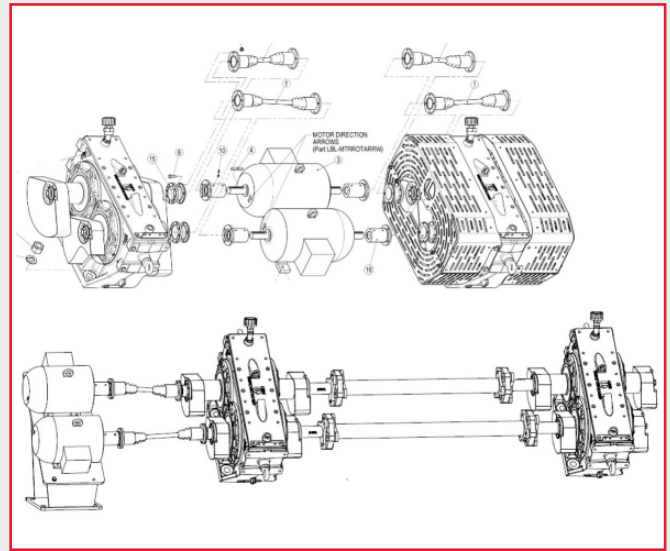
**Dual-frequency screen
counter rotation**



**Dual-frequency screen
same direction of rotation**



**Trajectories for linear
motion option**



Exciter assembly

Advantages of a gearless exciter over geared version:

- No gears – simpler design and lower cost
- No gear generated noise
- No gear generated heat
- No gear metal debris
- Exciter can work with linear, dual frequency or circular motion not only linear motion as in case of geared version
- Exciter will keep running even if one of the electrical motors failed – redundancy
- Bearings continuously in oil bath in gearless design and not relying on unreliable splash lubrication as in geared version
- Gearless exciters can be mechanically connected on adjacent screen at opposite phases and therefore the vibrations transferred to the structure can be cancelled or significantly reduced. Coupling two screens will reduce the moment and current required to start the screens.

