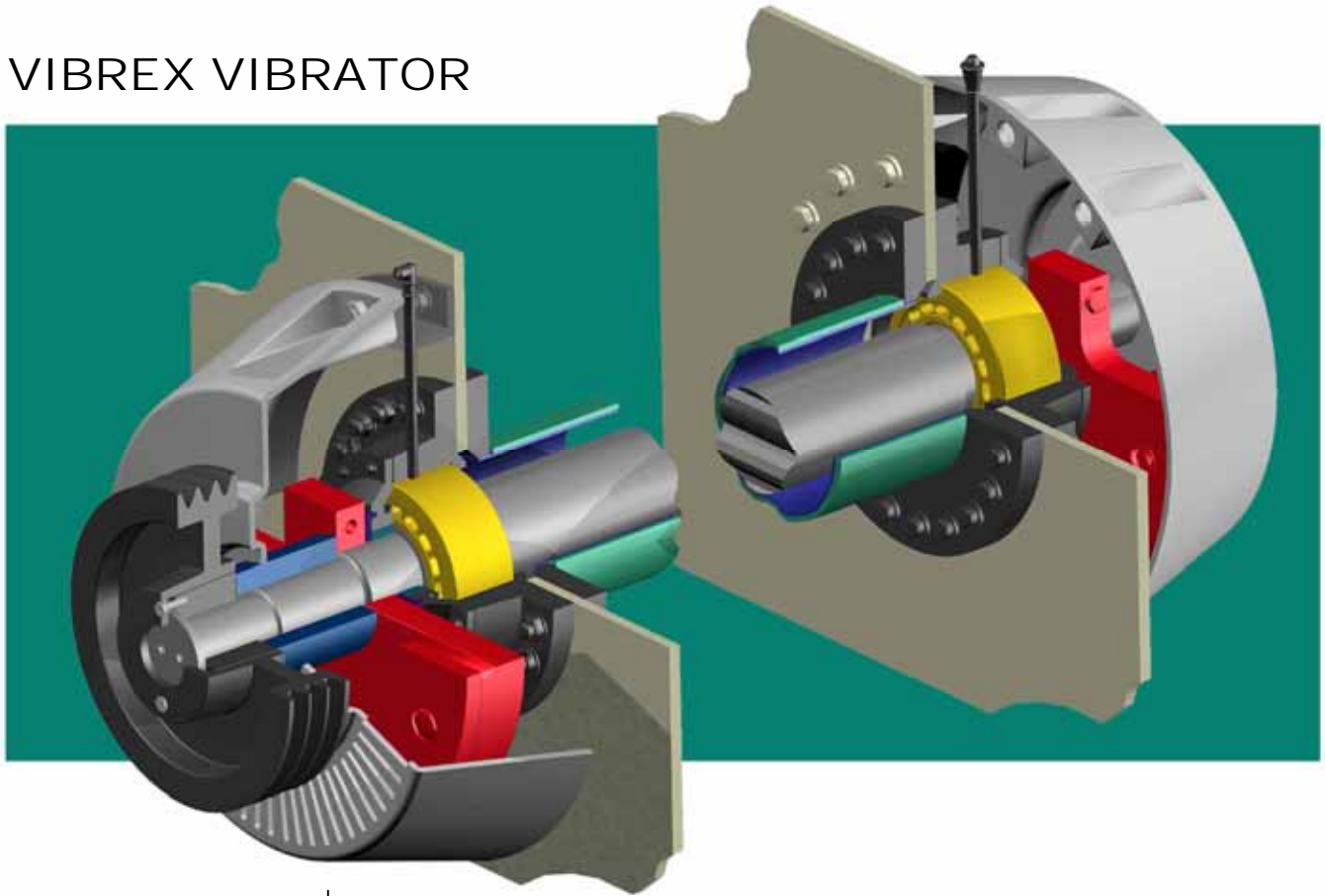




VIBREX VIBRATOR



MINING 

AGGREGATES 

FOUNDRY 

IRON & STEEL 



All Vibrex vibrators have an eccentric drive shaft which reduces counterweight size, minimising shaft flexing and easing counterweight removal during servicing. The shafts have a 'tight side' and 'float side' fit with the bearings to accommodate thermal expansion.

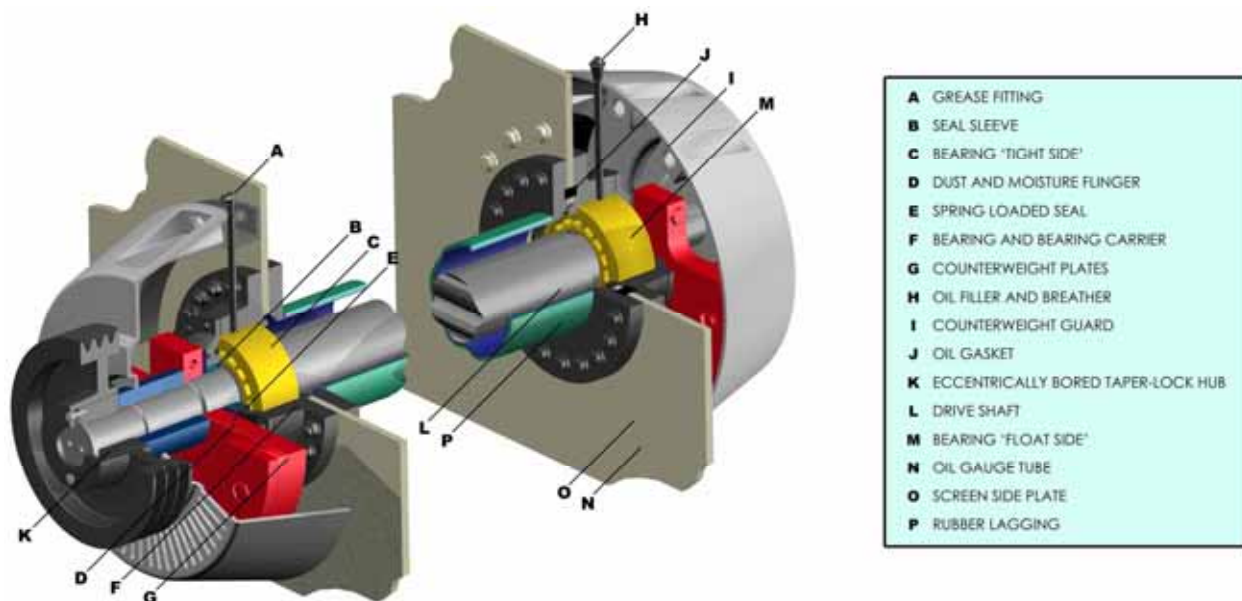
Counterweight guards are cast in aluminium; their lightweight reduces dynamic stress on the screen sideplates and enables them to be handled by one person during servicing.

The Vibrex vibrators are available in five standard bearing sizes: 70mm, 90mm, 110mm, 130mm and 160mm. The same basic construction is used throughout the range so that many components are inter-changeable between vibrators of the same bearing sizes.



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Two Hour Bearing Change - The combination of 'slip fit on the shaft' bearing assemblies and lightweight aluminium counterweight guards enables quick and easy bearing change. Most sizes can be changed in two hours, 160mm bearings taking only four hours. Complete bearing and carrier assemblies can be stocked, minimising the possibility of contaminating new bearings during replacement.



Double Shaft Extensions – Standard shafts provide drive to the vibrator from one side only. An optional double shaft extension enables the hand of drive to be changed to the other side of the screen quickly and easily.

Bearings – Slip fit double row spherical roller bearings are used throughout the Hewitt Robins range, specifically designed for vibrating equipment applications. A close tolerance, rotating labyrinth dust and moisture flinger and spring loaded, contact oil seal provide bearing protection.

Oil or grease lubrication can be specified to suit operating speeds and other production requirements. With many common parts, existing vibrators can be easily converted to suit changing lubrication needs.