



HORIZONTAL SCREENS



MINING



AGGREGATES



FOUNDRY



IRON & STEEL



The versatile HRI horizontal screen design lends itself to a broad range of configurations. Suitable for either horizontal or low angle installation, the screens can assist in reducing conveyor heights, provide space for taller feed hoppers and can be installed where existing headroom is at a premium.

HRI horizontal screens are driven by the Eliptex vibrator unit which imparts a three-way motion to the screen with horizontal, vertical and elliptical components providing high capacity, fast conveying and sharper sizing. The Hewitt Robins horizontal screen can suit all types of screening media ranging from polyurethane modules to wedge wire.

The Eliptex vibrator has a worldwide reputation for unmatched reliability and long life yet require only minimal servicing. Their simple design and use of the highest quality materials ensures that Hewitt Robins horizontal screens keep working productively through years of continuous use with minimum downtime.



Hewitt Robins International Ltd

The standard HRI range of horizontal screens ranges from 1.25 x 3.0m - 2.7 x 8.4m long and is available for medium and heavy-duty applications with single and multi-deck arrangements. Bespoke machines are also available to suit specific needs.



STANDARD SIZES - All sizes available in Multi-deck

1.25m Wide	1.60m Wide	1.80m Wide	2.20m Wide	2.50m Wide	2.70m Wide
2.40m Long	3.00m Long	3.60m Long	4.20m Long	4.80m Long	6.00m Long
3.00m Long	3.60m Long	4.20m Long	4.80m Long	6.00m Long	7.20m Long
3.60m Long	4.20m Long	4.80m Long	6.00m Long	7.20m Long	7.80m Long
4.20m Long	4.80m Long	6.00m Long	7.20m Long	7.80m Long	8.40m Long
4.80m Long	6.00m Long	7.20m Long	7.80m Long	8.40m Long	9.60m Long

Note: Hewitt Robins International Ltd design screens specifically for your application so if the size of screen you require is not listed please contact our sales office for more information.

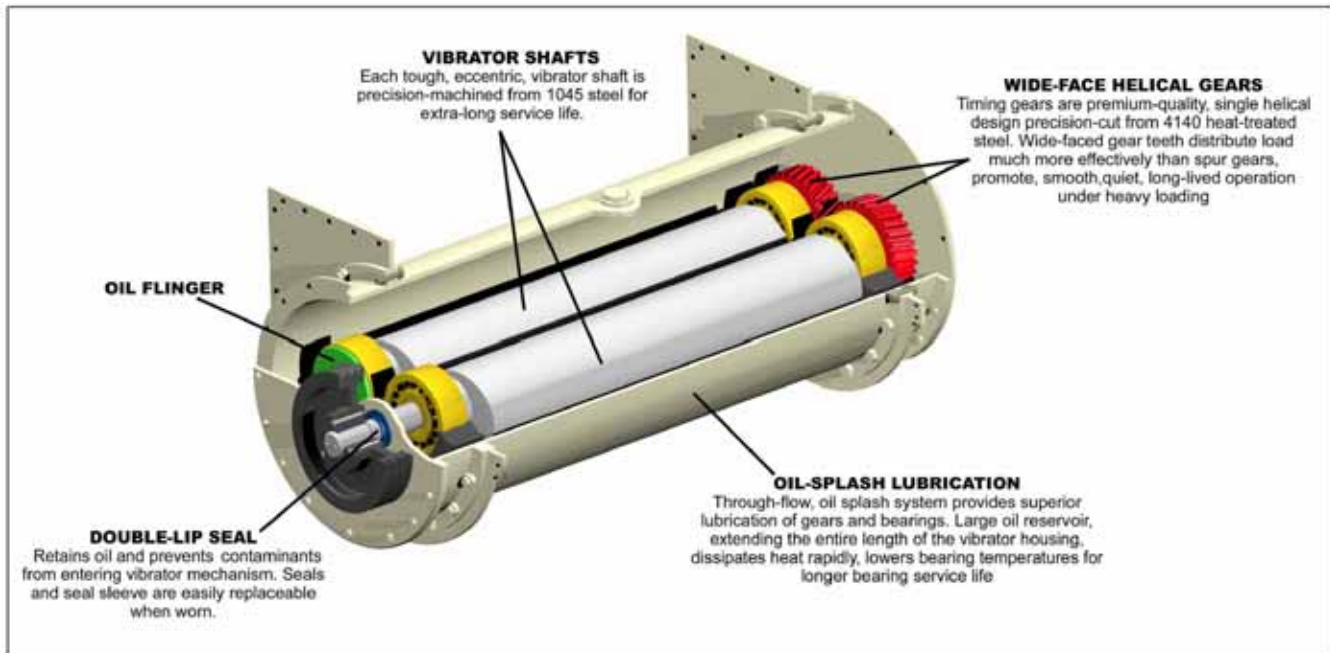




ELIPTEX VIBRATOR

For 40 years the Eliptex vibrator has been setting the industry standards for dependability and has yet to be equalled. The simple construction, rugged design and high quality components assures extra long wear life. The elliptical motion provides higher capacity screening and gives a cleaner material.

The elliptical movement quickly stratifies and turns material so that all sides of each particle are exposed to the deck openings. The result is a thorough screening (and dewatering) and more accurate sizing.



EXCLUSIVE ELLIPTICAL MOTION						
ROTATION	45 - 45	135 - 315	225 - 225	315 - 135	<p>RESULTANT ELLIPTICAL MOTION</p>	<p>SHAFTS MOUNTED IN HORIZONTAL PLANE</p>
POSITION OF ECCENTRIC SHAFTS						
RESULTANT FORCES	<p>THROW FORCE</p>	<p>COUPLE EFFECT</p>	<p>DOWNWARD FORCE</p>	<p>COUPLE EFFECT</p>		