



## DEWATERING SCREENS



MINING



AGGREGATES



FOUNDRY



IRON & STEEL



The development of the de-watering screen was pioneered by Hewitt Robins for the removal of surface moisture to enhance product quality.

The Hewitt Robins de-watering screen is designed for long life and low maintenance.

The companies experience included the processing of the materials ranging from metallic ores, crushed stone, slag to coal, potash, rock salt and wood chips. Hewitt Robins de-waterers also find specific application in pre-wetting, de-sliming, draining and rinsing filtration media.

The inclination of the Hewitt Robins de-watering screen ranges between 3-10 degrees uphill angle. Hewitt Robins de-watering machines come with crossmember protection as standard to increase durability of the machine.



## STANDARD SIZES

0.70m Wide	0.90m Wide	1.25m Wide	1.60m Wide	1.80m Wide	2.20m Wide	2.50m Wide
1.50m Long	1.50m Long	3.00m Long	3.60m Long	4.20m Long	4.80m Long	4.80m Long
2.00m Long	2.00m Long	3.60m Long	4.20m Long	4.80m Long	6.00m Long	6.00m Long
2.50m Long	2.50m Long	4.20m Long	4.80m Long	6.00m Long		
3.00m Long	3.00m Long	4.80m Long	6.00m 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.



At the heart of every Hewitt Robins de-watering screen is an eliptex vibrator to give a higher capacity and clean-up action.

The Eliptex vibrator has a worldwide reputation for unmatched reliability and long life yet require only minimal servicing.

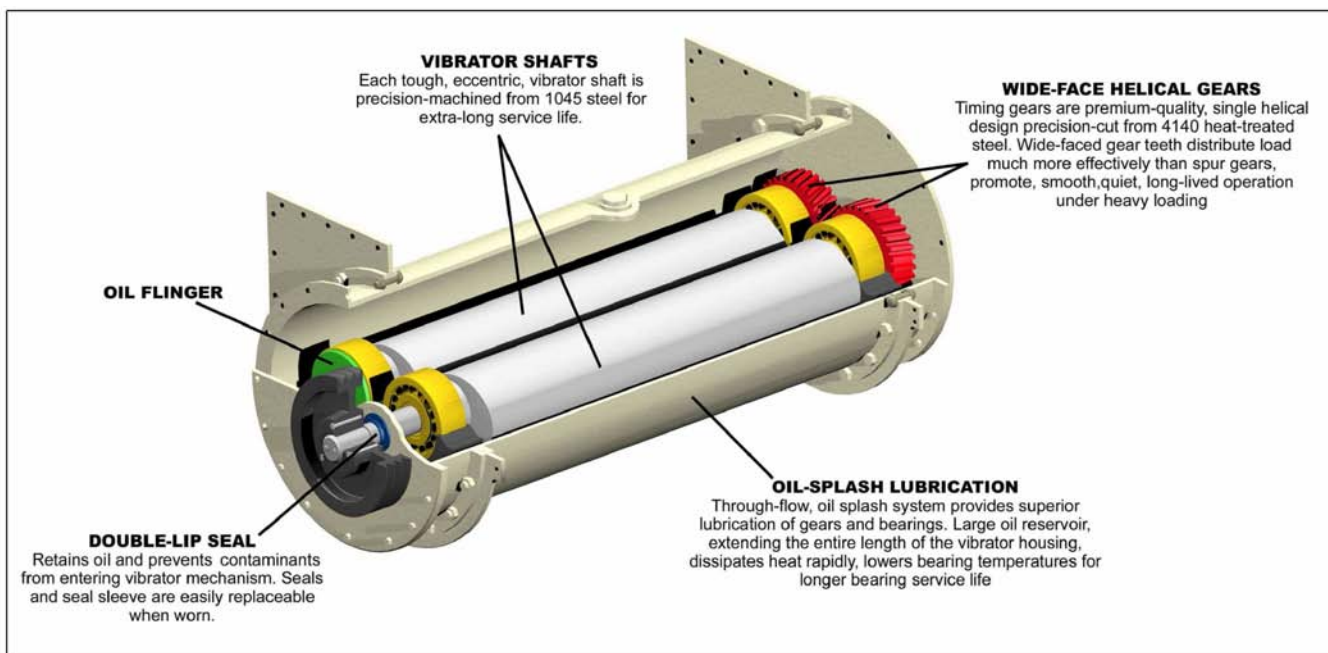
Their simple design and use of the highest quality materials ensures that Hewitt Robins horizontal screens keep working productively through years of continuous use with minimum downtime.



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