



## INCLINED SCREENS



MINING



AGGREGATES



FOUNDRY



IRON & STEEL



Proving their exceptional reliability and high productivity in the toughest industrial environments HRI inclined vibrating screens have become the world standard in bulk materials processing.

Designed for long life and low maintenance the unique Vibrex vibrator is the perfect partner, for inclined screens up to 2.7m in width.

The standard range of inclined screens, ranges from 1.25 x 3.0m – 3.0 x 9.6m and is available in single and multi-deck arrangements. Bespoke machines are also available to suit specific needs.

HRI inclined screens are at the cutting edge of design, durability and performance and operate in the toughest environments throughout the world.



# Hewitt Robins International Ltd

The Hewitt Robins double and triple deck screens have ample 18 degree sloped sideplate ends which allows the material to fall at the beginning of the lower decks, maximising the effective screen area.

HR Inclined screens have become the world standard in bulk materials processing, proving their exceptional reliability and high productivity in the toughest industrial environments.



A choice of oil splash or grease lubrication to suit specific operational requirements ensures maximum bearing life. Ease of servicing means that bearing changes or counterweight adjustments can be made in minimum downtime.

Hewitt Robins inclined screens use a single or double pair of vibrators mounted through the centre of gravity of the machine to impart a circular motion and a modified circular motion can be achieved when the vibrators are mounted on top of the screen.

The standard range of Hewitt Robins inclined screens are available as single, double or triple deck and ranges from 1000mm to 3000mm in width and from 3000mm to 9600mm in length. Screens in excess of 2.7m use the revolutionary Quad-V vibrator, ensuring high performance and low maintenance long after installation.



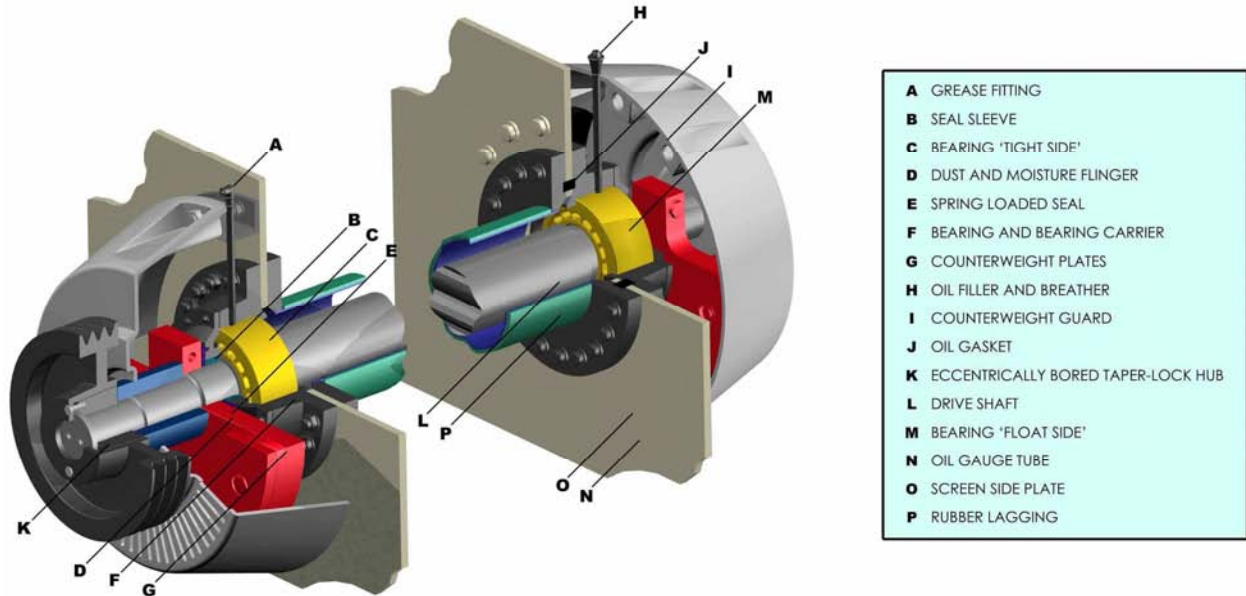
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**STANDARD SIZES** - All sizes available in Multi-deck

1.25m Wide	1.60m Wide	1.80m Wide	2.20m Wide	2.50m Wide	2.70m Wide	3.00m Wide
2.40m Long	3.00m Long	3.60m Long	4.20m Long	4.80m Long	6.00m Long	8.00m Long
3.00m Long	3.60m Long	4.20m Long	4.80m Long	6.00m Long	7.20m Long	9.00m Long
3.60m Long	4.20m Long	4.80m Long	6.00m Long	7.20m Long	7.80m Long	9.60m Long
4.20m Long	4.80m Long	6.00m Long	7.20m Long	7.80m Long	8.40m Long	10.6m 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.





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.