

# HORIZONTAL SCREENS

Horizontal Screens from KPI-JCI deliver high productivity and efficiency in a low-profile package. The triple-shaft design employs an oval motion stroke pattern that generates a more aggressive screening action, to reduce plugging and blinding while providing extended bearing life. This innovation, in conjunction with other features like huck-bolt construction, ensures our horizontal screens are the most durable and efficient screens available.

## BENEFITS


Adjustable oval motion length and timing angle provides optimum application flexibility.

Low screen height allows for operation in height-restricted areas and maximum portability.

Standard, medium and heavy-duty scalping configurations ensure optimal applications and performance.

Triple-shaft vibrating mechanism provides maximum resistance to blinding and plugging, and provides longer bearing life.

Type	Fine Screening	Standard Screening	Light Scalping	Speed	Maximum Stroke	Slope	Max Feed Size
				RPM	(in/mm)	(degrees)	(inches)
"LP" Flat Standard Screen	X	X		950-1050	0.75 / 19.0	0	10
"MS" Flat Medium Scalper		X	X	850-950	0.75 / 19.0	0	14
"HS" Flat Heavy Scalper		X	X	800-1150	0.875 / 22.22	0	18



Low-Profile Design | Unmatched Efficiency | Heavy-Duty Construction



#### **ECCENTRIC CRESCENT WEIGHTS**

Reduces the “egg beater” effect on oil, thereby reducing oil temperature. Additionally, segmented weights offer more stroke adjustment.



#### **WET/DRY CONFIGURATIONS**

Because of a consistent and adjustable material travel speed, as well as a low-profile height, horizontal screens are ideal for both wet and dry applications. The screens are equipped with standard spray bar “knock-out” holes. An optional spray system, complete with manifold and spray nozzles, is also available. They are the perfect tool to install on portable wash plants.



#### **TUNED AND BOLT-IN DECK BRACING**

The unit is confirmed to be operating clear of natural frequencies. That, and minimal welds reduce cracking in the cross members, ensuring maximum service life.



#### **“TITAN” OIL SEALS**

Non-contact centrifugal force drives the oil back to the wheel case, a labyrinth seal keeps contaminants out and an O-ring maintains the