



VIBRATING SCREENS

The vibrating screens consist of a screen body, a vibrator mechanism, a drive assembly and spring suspension units mounted on a frame or support structure

The screen body is supported by coil springs which makes the body bounce freely. The vibrating motion thus is given by counterweights built on the shaft. Depending on their shaft location, GELEN two bearing inclined screens have two types:

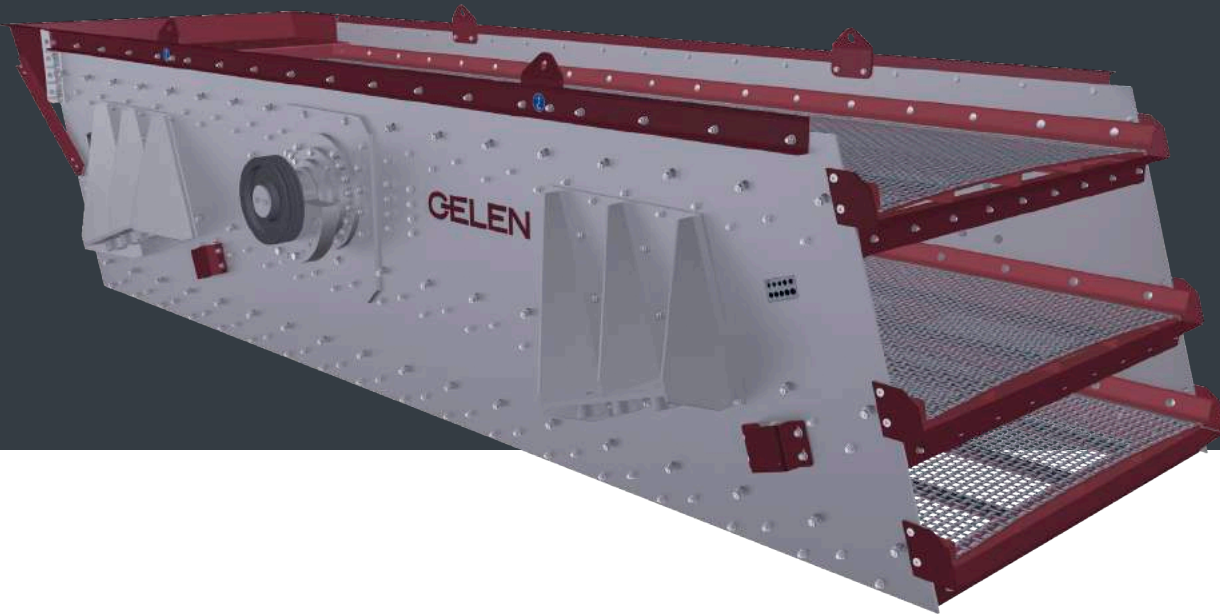
- STE Series Circular motion screens and ITE Series Grizzly screens with center mounted counterweights.
- ELTE Series Elvar screens with off center counterweights which provide different stroke patterns on the deck.

The ETE Series Elliptical Vibrating Screens are horizontal type screens with triple shaft geared together resulting in elliptical motion. Elliptical vibrating screens give better results when the feed material is sticky or flaky. Also depending on the application, the shape and the angle of the ellipse can be adjusted.

STE SERIES

CIRCULAR VIBRATING SCREENS

STE inclined screens are engineered to perform from the coarsest to the finest separations in aggregate plants. The shaft is positioned at the center of gravity of the screen resulting in a circular uniform motion at all points. They are remarkably versatile that they can be adjusted for wet screening, washing and rinsing purposes. To benefit to maximum in every application, the stroke inclination angle and the rotational speed can be set.



	MAIN DIMENSIONS mm		WEIGHT kg			POWER kw
	WIDTH	LENGTH	2-DECK	3-DECK	4-DECK	
STE2470	2400	7000	14.500	-	-	30
STE2470	2400	7000	-	16.900	19.600	37
STE2460	2400	6000	12.600	-	-	22
STE2460	2400	6000	-	15.400	18.500	30
STE2060	2000	6000	10.500	-	-	18.5
STE2060	2000	6000	-	13.700	14.600	22
STE2050	2000	5000	11.400	-	-	15
STE2050	2000	5000	-	12.200	13.800	18.5
STE1650	1600	5000	8.100	8.800	9.500	15
STE1640	1600	4000	6.600	7.000	-	11
STE1240	1200	4000	4.200	4.700	5.200	7.5
STE1030	1000	3000	2.300	2.500	-	5.5
STE1025	1000	2500	2100	-	-	4
STE1020	1000	2000	1550	-	-	3

ITE SERIES

GRIZZLY VIBRATING SCREENS

Grizzly scalpers are specially designed for heavy duty applications due to bigger top size material coming from primary crushing. Top decks are equipped with grizzly bars or specially perforated wear and abrasion steel plates. Stronger frame structure is the key element for a long lasting high performance of GELEN scalpers.

	MAIN DIMENSIONS mm		WEIGHT kg			POWER kw
	WIDTH	LENGTH	2-DECK	3-DECK	4-DECK	
ITE2050	2000	5000	9.200	-	-	22
ITE1850	1800	5000	8.500	9.550	-	22
ITE1650	1600	5000	8.100	8.800	-	18.5
ITE1440	1400	4000	4.200	4.700	-	15
ITE1240	1200	4000	2.300	2.850	-	11
ITE1230	1200	3000	1.800	2.000	-	5.5
ITE1225	1200	2500	1.650	1.900	-	5.5



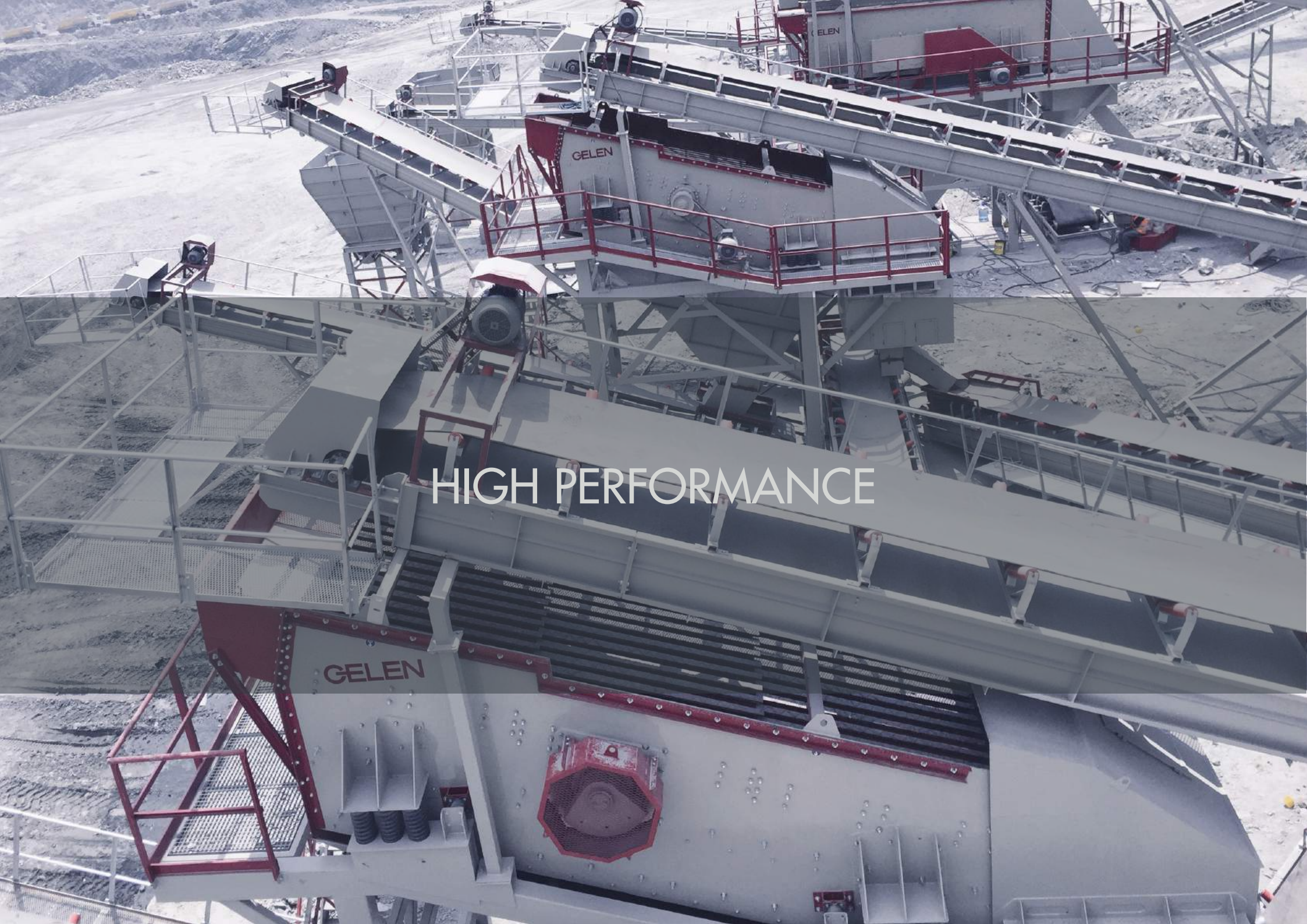
ETE SERIES

ELLIPTICAL VIBRATING SCREENS



The ETE Series Elliptical vibrating screens are of horizontal type screens with triple shaft geared together resulting in elliptical motion which is the most efficient screening motion in the industry. The ability to change the shape and angle of the ellipse allows you to best suit your screening needs from scalping to fine screening. These screens are available in wet screening and washing applications.

	MAIN DIMENSIONS mm		WEIGHT kg			POWER kw
	WIDTH	LENGTH	2-DECK	3-DECK	4-DECK	
ETE2260	2200	6000	13.800	14.800	15.700	37-45
ETE2561	2500	6100	14.700	15.700	-	45



HIGH PERFORMANCE