



# GUARDIAN® HORIZONTAL SCREEN

Accurate Sizing and Separation for Construction Aggregates and Mining

## FEATURES

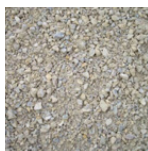
- » Heavy-duty construction handles 10" (254mm) feed size and up to 4" (102mm) openings\*
- » Handles coarse and fine screening with adjustable oval stroke motion
- » Side tension single crown decks
- » Wet or dry screening configurations
- » Various deck options are available including scalping, flat urethane/rubber, and end tension styles\*

\*Medium Scalper option increases feed size to 14". This option includes 6" side liner/extensions and thicker feedbox and top discharge lip liners.

## APPLICATIONS



Ore/Hard  
Rock Mining



Quarried  
Stone



River  
Gravel



Recycle  
Concrete



Fractured  
Gravel



Cubical  
products

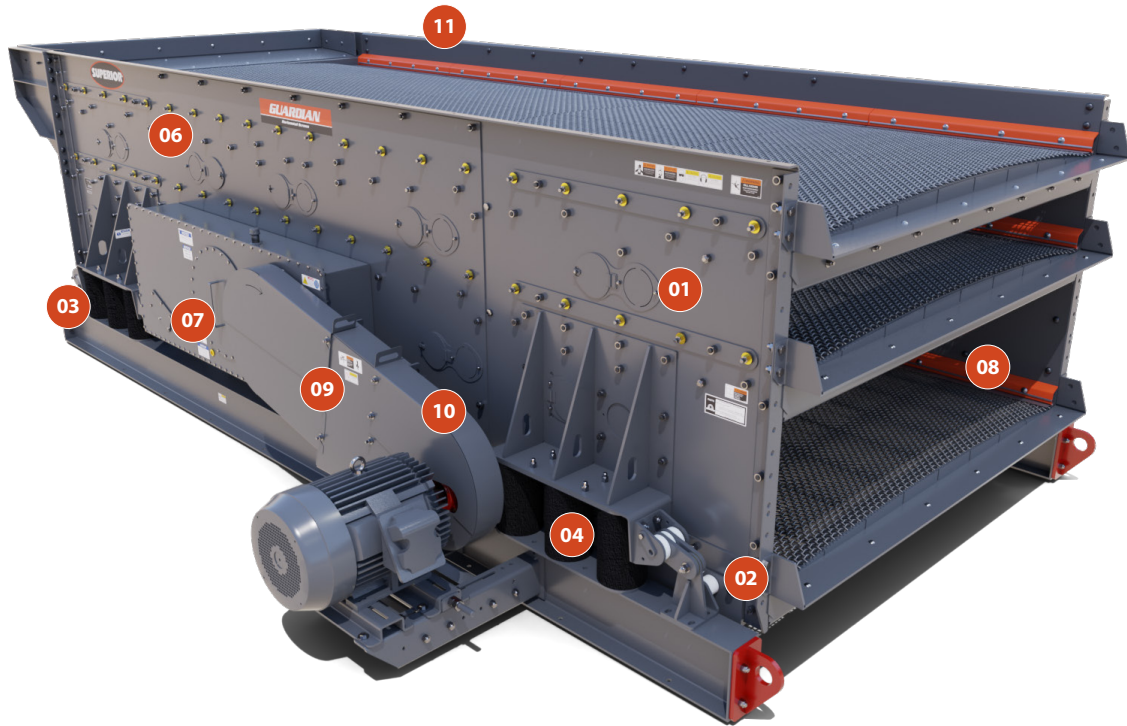


Super Pave  
Products

Wheeled   
Stationary 

Rock Face to Load Out®





**01/ BOLT LOCKING HINGED ACCESS DOORS**

Convenient for inspection and maintenance. Hinge prevents misplacement.

**02/ VS2™ TECHNOLOGY**

Low maintenance design ensures smooth startup and shutdown of screen.

**03/ BOTTLE JACK LIFT POINTS**

No cranes or loaders needed for safer spring maintenance or replacement.

**04/ COIL OR RUBBER SPRING SUSPENSION**

Quiet operation and smooth motion for cold weather applications. (Shown with rubber spring option.)

**05/ BRANDED BEARINGS**

Maximum bearing performance. (not shown)

**06/ HUCK BOLT FASTENERS**

Assure high reliability and fatigue resistant performance.

**07/ SEALED CONSTRUCTION**

Integrated Huck® o-ring, shaft tube o-ring, and HGI sealants unique to the Guardian Horizontal Screen.

**08/ DISCHARGE LIPS/SIDE LINERS**

Bolt-on components available with replaceable steel, rubber or urethane liners.

**09/ SEGMENTED BELT GUARD**

Quick access to sheave and flywheel without completely removing guard. One-person job.

**10/ TORSION ARM TENSIONER**

Conveniently integrated and easy access for drive belt tensioning.

**11/ OPTIONAL SPRAY BAR KIT**

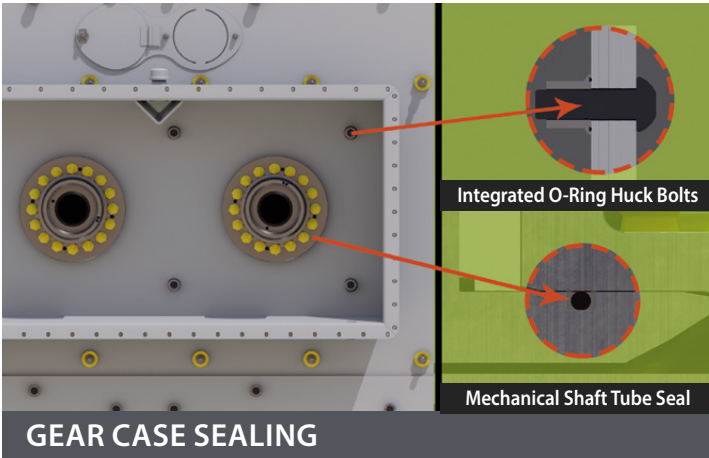
Add-on spray kit available for easy conversion to a wash system. (not shown on model)



**NEW 4-DECK SCREEN**

- » One screen does the work of two 2-deck screens
- » Reduce circuit size and footprint
- » Higher capacity of fines through bottom deck when using third deck as load relief
- » Five product split (4 products and 1 oversize)
- » No need to split bottom deck in washing applications
- » Dedicate third and fourth decks to making two sand products

## HIGHLIGHTS

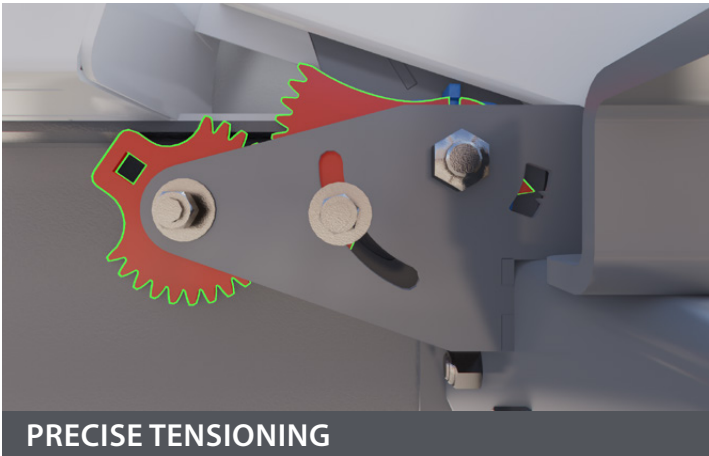


- » Best-in-class industrial sealant
- » Protects bearings and gears from water
- » Eliminates potential for oil leaks



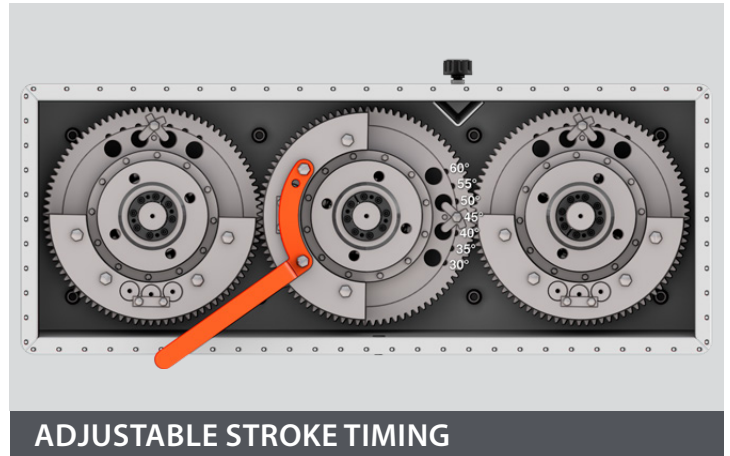
## VS2™ SURGE SUPPRESSION TECHNOLOGY

- » Allows for smooth startup and shut-down
- » Extends life of machine and components
- » Low maintenance



## PRECISE TENSIONING

- » Patented tension adjuster with visual indicator
- » Eliminates manual measurements
- » Ensures perfect tensioning every time

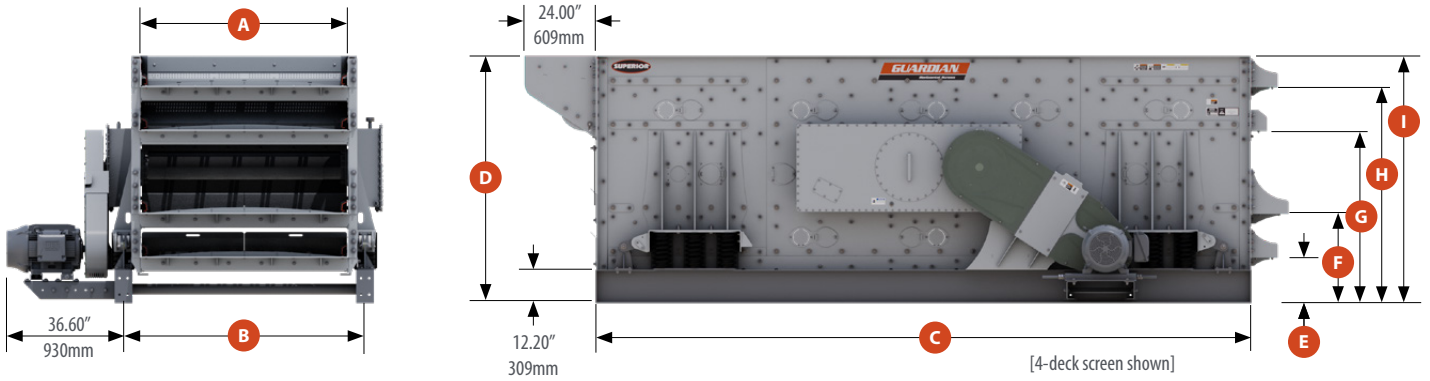


## ADJUSTABLE STROKE TIMING

- » 30° - 60° off vertical
- » 5° increments
- » Factory set to 45°

**2-YEAR/  
6000 HR  
WARRANTY**

## GUARDIAN HORIZONTAL SCREEN SPECIFICATIONS



### DIMENSIONS - INCHES (MM)

Model	A		B		C		D		E		F		G		H		I	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
5162-TH32	61.50	1,562	74.00	1,879	192.75	4,895	59.44	1,509	5.81	147	35.81	909	N/A	N/A	N/A	N/A	47.25	1,200
5163-TH32	61.50	1,562	74.00	1,879	192.75	4,895	75.31	1,912	5.69	144	35.69	906	51.69	1,312	N/A	N/A	63.13	1,603
6162-TH32	76.00	1,930	88.50	2,247	240.75	6,115	59.50	1,511	5.81	147	35.81	909	N/A	N/A	N/A	N/A	47.31	1,201
6162-TH32HD	76.00	1,930	88.50	2,247	192.75	4,895	73.25	1,860	5.50	140	37.38	949	N/A	N/A	N/A	N/A	57.75	1,340
6163-TH32	76.00	1,930	88.50	2,247	240.75	6,115	75.31	1,912	5.69	144	35.69	906	51.69	1,312	N/A	N/A	63.13	1,603
6202-TH32	76.00	1,930	88.50	2,247	240.75	6,115	59.38	1,508	5.75	146	35.75	908	N/A	N/A	N/A	N/A	47.19	1,198
6203-TH32	76.00	1,930	88.50	2,247	240.75	6,115	75.19	1,909	5.56	141	35.56	903	51.69	1,312	N/A	N/A	63.00	1,600
6204-TH38	76.00	1,930	88.50	2,247	240.75	6,115	90.44	2,297	4.44	113	20.44	519	50.81	1,291	36.63	930	80.25	2,038
7202-TH38	88.00	2,235	100.50	2,552	240.75	6,115	62.19	1,579	5.56	141	38.56	979	N/A	N/A	N/A	N/A	50.00	1,270
7203-TH38	88.00	2,235	100.50	2,552	240.75	6,115	80.81	2,052	5.44	138	38.44	976	57.19	1,452	N/A	N/A	68.63	1,743
8202-TH38	100.00	2,540	112.50	2,857	240.75	6,115	62.13	1,578	5.50	139	38.50	977	N/A	N/A	N/A	N/A	49.94	1,268
8203-TH38	100.00	2,540	112.50	2,857	240.75	6,115	80.69	2,049	5.31	134	38.31	973	57.06	1,449	N/A	N/A	68.50	1,739
8204-TH40	100.00	2,540	112.50	2,857	240.75	6,115	99.68	2,532	7.63	194	26.38	670	59.38	1,508	78.13	1,985	89.38	2,270

### TYPICAL PHYSICAL PROPERTIES

Model	Decks	Size		Weight (w/base & mtr)		Power	
		ft x ft	mm x mm	lbs	kg	hp	kW
5162-TH32	2	5 x 16	1,562 x 4,900	16,750	7,614	25	18.6
5163-TH32	3	5 x 16	1,562 x 4,900	18,750	8,523	30	22.3
6162-TH32	2	6 x 16	1,930 x 4,900	17,200	7,818	40	29.8
6162-TH32HD	2	6 x 16	1,930 x 4,900	20,500	9,318	40	29.8
6163-TH32	3	6 x 16	1,930 x 4,900	20,500	9,318	40	29.8
6202-TH32*	2	6 x 20	1,930 x 6,115	19,250	8,750	40	29.8
6203-TH32*	3	6 x 20	1,930 x 6,115	23,500	10,682	40	29.8
6204-TH38	4	6 x 20	1,930 x 6,115	28,500	12,955	50	37.2
7202-TH38*	2	7 x 20	2,235 x 6,115	24,000	10,909	50	37.2
7203-TH38	3	7 x 20	2,235 x 6,115	29,400	13,363	50	37.2
8202-TH38	2	8 x 20	2,540 x 6,115	25,500	11,591	50	37.2
8203-TH38*	3	8 x 20	2,540 x 6,115	31,500	14,318	50	37.2
8204-TH40	4	8 x 20	2,540 x 6,115	39,750	18,068	60	44.7

\* TS (triple-shaft) 2.5 degree slope option  
 \*\* 14" (355mm) with medium scalper top deck option

### FOR ALL STANDARD MODELS

- » Max Feed Size: 10" (254mm)\*\*
- » Speed: 730 - 835 RPM
- » Stroke: 0.5 - .75" (12.5 - 20mm)

### HD MODELS

Heavy-duty construction handles up to 18" (457mm) feed size.

