



# Two Bearing INCLINED SCREENS

Engineers and Manufacturers of Washing, Vibrating and Crushing Equipment

## Description

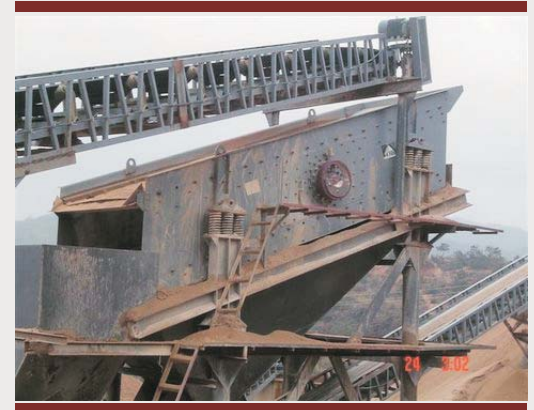
Trio's line of bolted **Inclined Screens** are designed and manufactured to offer a combination of ruggedness and versatility. These heavy duty units use modern designed, huck-bolted frames to provide long and trouble free operating lives.

These two bearing, circular throw screens are easy to operate and maintain because of readily available parts, and solid huck bolt construction. For maximum versatility, the models are offered in 4', 5', 6', 7' and 8' widths in lengths from 10' through 20'.

The circular throw action is developed by combining eccentric shafts with a variable weight counterweight system. The throw serves to move coarse material to the top of the decks, to better enable the finer material might pass through the media openings.

The modular, standardizes designs contribute to an overall cost efficiency in this line of screens. Their operating benefits include overall ownership costs, achieved through a combination of low initial capital costs, and minimal maintenance and downtime costs during proper operation.

The units use grease and oil lubrication systems. The vibrating mechanism is comprised of a simple, reliable combination of heavy duty eccentric shafts and rotating within large, oversize bearings.



## Applications

- Primary Hard
- Rock Crushing
- Sand and Gravel
- Recycling
- Wet Screening
- Mineral Processing
- Chemical Production

## Premium Features

- Lined Cross Members
- Bucker Bar Rubber
- Lined Vibrator Tube
- Spray Bar Punch Outs
- Pivoting Motor Base
- Oversize Bearings

## Models/Sizes

- 4x10
- 4x12
- 4x14
- 5x12
- 5x14
- 5x16
- 6x16
- 6x20
- 7x20
- 8x20

## Other Considerations

- One Year Warranty
- Quick Deliveries
- Off-the-shelf parts
- Nationwide distribution
- Superior Quality
- Low Price Guarantee

Distributed by:



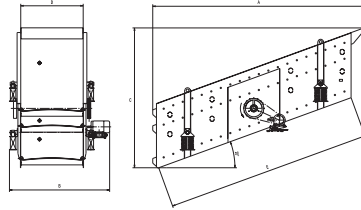
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## Inclined Screens

Model	Power		Side Plates		Standard Decking	Bearing Size (mm)	Maximum Material Size		Operating Speed (rpm)	Amplitude		Approximate Weight	
	(hp)	(kw)	(in)	(mm)			(in)	(mm)		(in)	(mm)	(lbs)	(kg)
4' x 10' x 2 Decks	10	7.5	1/4"	6	C-F	100	10"	254	800	3/8"	9.5	5,800	2300
4' x 10' x 3 Decks	10	7.5	1/4"	6	C-C-F	100	10"	254	800	3/8"	9.5	6,750	3062 3100
5' x 14' x 2 Decks	15	11	5/16"	8	C-F	130	12"	304	800	3/8"	9.5	8,500	3856 3900
5' x 14' x 3 Decks	15	11	5/16"	8	C-C-F	130	12"	304	800	3/8"	9.5	10,500	4763 4800
5' x 16' x 2 Decks	15	11	5/16"	8	C-F	130	12"	304	800	3/8"	9.5	9,300	4218 4200
5' x 16' x 3 Decks	15	11	5/16"	8	C-C-F	130	16"	406	800	3/8"	9.5	10,700	4853 4900
6' x 16' x 2 Decks	20	15	3/8"	10	C-F	140	16"	406	800	3/8"	9.5	11,750	5330 5300
6' x 16' x 3 Decks	20	15	3/8"	10	C-C-F	140	16"	406	800	3/8"	9.5	13,000	5897 5900
6' x 20' x 2 Decks	25	18.5	3/8"	10	C-F	140	16"	406	800	3/8"	9.5	13,250	6010 6000
6' x 20' x 3 Decks	25	18.5	3/8"	10	C-C-F	140	16"	406	800	3/8"	9.5	15,000	6804 6800
7' x 20' x 2 Decks	40	30	1/2"	12	C-F	160	16"	406	800	3/8"	9.5	Call	Call
7' x 20' x 3 Decks	40	30	1/2"	12	C-C-F	160	16"	406	800	3/8"	9.5	Call	Call
8' x 20' x 2 Decks	50	37.5	1/2"	12	C-F	160	16"	406	800	3/8"	9.5	Call	Call
8' x 20' x 3 Decks	50	37.5	1/2"	12	C-C-F	160	16"	406	800	3/8"	9.5	Call	Call

## Dimensions

Model / Dimension	A (in)	(mm)	B (in)	(mm)	C (in)	(mm)	D (in)	(mm)	E (in)	(mm)
TIH410-2	133"	3429	90"	2286	93"	2362	48"	1219	126"	3200
TIH410-3	135"	3429	90"	2286	109"	2768	48"	1219	126"	3200
TIH514-2	184"	4673	105"	2667	122"	3098	59"	1498	174"	4419
TIH514-3	184"	4673	105"	2667	141"	3581	59"	1498	174"	4419
TIH516-2	206"	5232	105"	2667	131"	3327	59"	1498	198"	5029
TIH516-3	206"	5232	105"	2667	150"	3810	59"	1498	198"	5029
TIH616-2	206"	5232	118"	2997	131"	3327	71"	1803	198"	5029
TIH616-3	251"	6375	118"	2997	150"	3810	71"	1803	198"	5029
TIH620-2	251"	6375	122"	2997	147"	3733	71"	1803	246"	6248
TIH620-3	251"	6375	122"	2997	166"	4216	71"	1803	246"	6248
TIH718-1	251"	6375	130"	2997	157"	3987	86"	2184	245"	6223
TIH720-2	251"	6375	131"	2997	157"	3987	86"	2184	245"	6223
TIH720-3	251"	6375	132"	2997	181"	4597	86"	2184	245"	6223
TIH820-2	251"	6375	146"	2997	157"	3987	98"	2489	245"	6223
TIH820-3	251"	6375	146"	2997	188"	4775	98"	2489	245"	6223



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