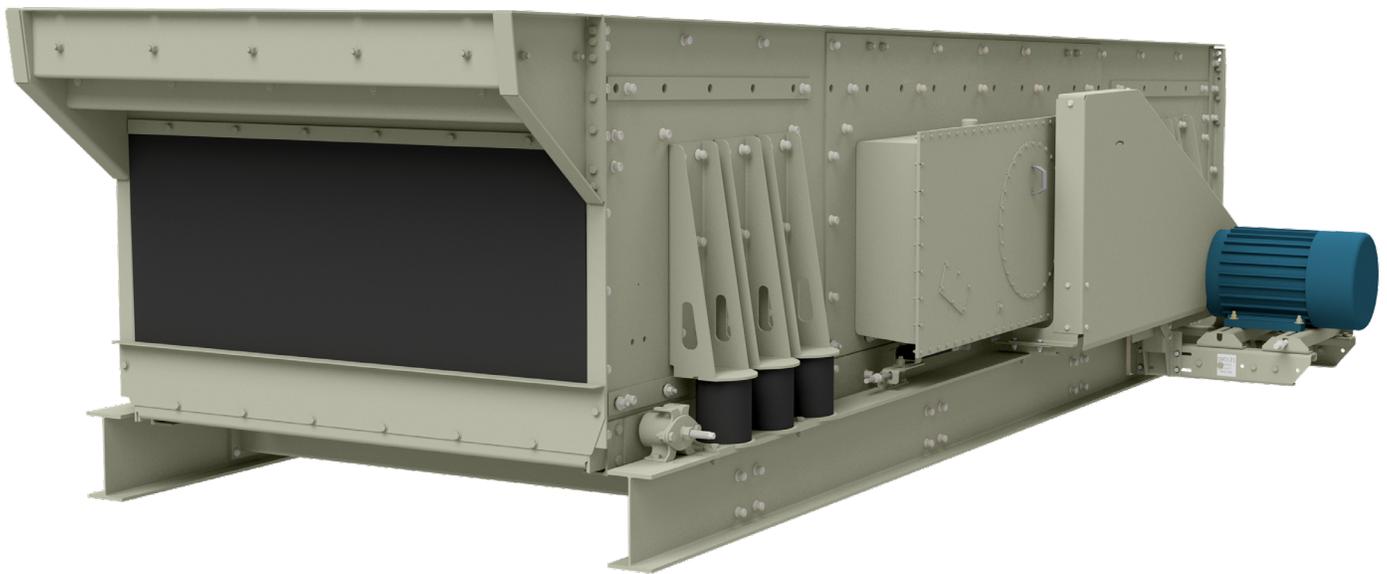


# HS Screen

## Horizontal Screen



### Screen Features

- Three shaft adjustable oval motion stroke motion
- Two and three decks models available
- Low overall screen height for portability
- Huck bolted design
- Quickly adjusts to a finer or coarser screening application by adjusting stroke angle, length and speed
- Six superior load carrying double roll bronze caged spherical bearings
- "Titan" non contact drive seal
- Fully contained oil splash lubrication system
- Includes belt guard, motor mount , drive belt and drive sheaves
- Balanced design to accept various length discharge lips
- High strength long lasting drawplates
- Bolt on AR lined feedbox and 4 " AR lined discharge lips
- Adjustable snubbers for screen stability
- Rubber springs to reduce basket , gear and bearing stress (Also reduces noise)
- Self aligning spherical draw bolt washers
- Favorable shaft assembly location under the center of gravity
- Bolt in deck bracing reduces deck and basket stress
- Spray hole knockouts
- Access cover standard on three deck models
- Right hand drive
- Dual belt drive on 38 shaft assemblies

## Options

- 1,200 rpm TEFC Motor
- Screen Media
- Spray System
- Left Hand Drive
- Baseframe
- Coil Springs with Guards
- Lifting Bars
- Top Deck Fall Protection
- Bolt on Spray Hole Covers
- Consult Factory on Additional Feedboxes and discharge lips configurations
- Urethane Decks
- Divided Crown decks Center and Bottom
- Top deck crown adapter kit
- Free board extensions
- Rubber Liners for : Feed box, discharge lips, Shaft tubes, cross members and bracing
- Non Standard Paint colors

Feature	Specification
Adjustable Stroke Length (Amplitude)*	Maximum between 3/4" and 7/8"
Adjustable Stroke Angle (Timing Angle)	30° to 60°
Operating Speed Range	575-775 RPM
Maximum Feed Size	18"
Maximum Media Weight	20 lbs./ft <sup>2</sup>
Maximum Media Weight Center & Bottom Deck	8 lbs./ft <sup>2</sup>
Maximum Top Deck Opening	6"
Maximum Feed Drop Height	12"
Cloth Support Bar Thickness	3/8"
Deck Cross Member Spacing	24"
Sideplate Thickness	5/16"
Reinforcing Plate Thickness	5/16"
Feedbox Liner Thickness (AR Plate)	3/8"
Top Deck Discharge Lip Liner Thickness (AR Plate)	3/8"
Center and Bottom Discharge Lip liner Thickness (AR Plate)	1/4"
Bolt on top deck side liners	3/8"

\* Stroke reduced by removing weight plugs. Minimum stroke between 5/8" and 3/4". Stroke Measured at center of screen with standard wire cloth, 4" discharge lips and 18" feedbox.

## Physical and Operating Characteristics

Model	No. of Decks	Width		Length		Power Required		Weight		Bearing Size (mm)
		ft	mm	ft	mm	hp	kW	lb	kg	
5142-32HS	2	5	1,530	14	4,270	30	22	15,000	6,804	160
5162-32HS	2	5	1,530	16	4,880	30	22	16,200	7,348	160
6162-38HS	2	6	1,830	16	4,880	60	45	21,500	9,752	190
6202-38HS	2	6	1,830	20	6,100	60	45	25,500	11,567	190
6203-38HS	3	6	1,830	20	6,100	60	45	31,360	14,225	190
7202-38HS	2	7	2,130	20	6,100	60	45	28,000	12,701	190 wide
8202-38HS	2	8	2,430	20	6,100	75	56	32,600	14,787	190 wide