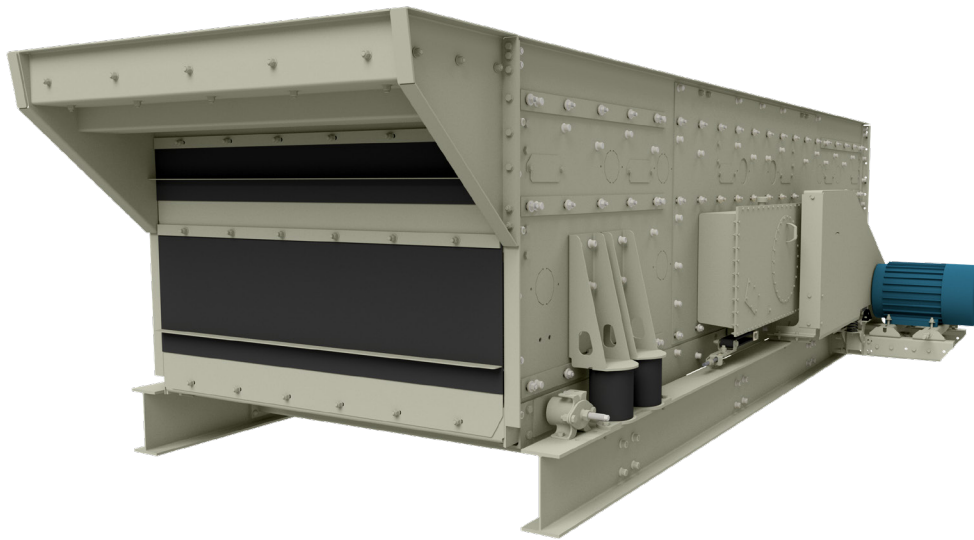


# LP Screen

## 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
- 5" addition Clearance between Top and center deck
- 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 5/8" to 3/4"
Adjustable Stroke Angle (Timing Angle)	30° to 60°
Operating Speed Range	675 - 875 RPM
Maximum Feed Size	10"
Maximum Media Weight	8lbs/ft <sup>2</sup> each deck
Maximum top deck opening (14' - 16' screens)	5"
Maximum top deck opening (20' and 24' screens)	4"
Maximum Feed Drop Height	18"
Cloth Support Bar Thickness	3/8"
Deck Cross Member Spacing	24"
Sideplate Thickness	1/4"
Reinforcing Plate Thickness	1/4"
Feedbox Liner Thickness (AR Plate)	1/4"
Discharge lip liner thickness (AR plate)	1/4"

\* Stroke reduced by removing weight plugs. Minimum stroke between 1/2" and 5/8". Stroke Measured at center of screen with standard wire cloth, 4" discharge lips and 24" feedbox.

## Physical and Operating Characteristics

Model	Power Required		Weight*		Bearing Size mm	Top and Center Deck Rail Spacing		Wire Cloth Support Straps and Drawplate Length		Oil Capacity (per side)	
	HP	kW	lb	kg		ft	m	Gallons	Liters		
5142-32LP	25	19	13,500	6,124	160	3 Rails	5 Rails	7	2.1	2.351	8.9
5143-32LP	25	19	15,200	6,895	160	3 Rails	5 Rails	7	2.1	2.351	8.9
5162-32LP	25	19	13,800	6,260	160	3 Rails	5 Rails	4	1.2	2.351	8.9
5163-32LP	30	23	16,700	7,575	160	3 Rails	5 Rails	4	1.2	2.351	8.9
6162-32LP	30	23	15,100	6,849	160	5 Rails	7 Rails	4	1.2	2.351	8.9
6163-32LP	40	30	18,660	8,464	160	5 Rails	7 Rails	4	1.2	2.351	8.9
6202-32LP	40	30	19,400	8,800	160	5 Rails	7 Rails	4 (5 Option)	1.2 (1.5 Option)	2.351	8.9
6203-32LP	40	30	22,150	10,047	160	5 Rails	7 Rails	4 (5 Option)	1.2 (1.5 Option)	2.351	8.9
7202-38LP	50	38	21,600	9,797	190	6 Rails	8 Rails	4 (5 Option)	1.2 (1.5 Option)	5.624	21.289
7203-38LP	50	38	25,700	11,657	190	6 Rails	8 Rails	4 (5 Option)	1.2 (1.5 Option)	5.624	21.289
8202-38LP	60	45	28,100	12,746	190 Wide	7 Rails	9 Rails	4 (5 Option)	1.2 (1.5 Option)	5.624	21.289
8203-38LP	60	45	31,900	14,470	190 Wide	7 Rails	9 Rails	4 (5 Option)	1.2 (1.5 Option)	5.624	21.289
8243-38LP	75	56	43,000	19,504	190 Wide	7 Rails	9 Rails	4	1.2	5.429	20.551

\*Weights are approximate and include wire cloth, drive and baseframe.