

MS 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
- End- Tension Bottom Deck
- Flat punch plate deck
- Top deck crown adaptor 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 9/16" to 3/4"
Adjustable Stroke Angle (Timing Angle)	30° to 60°
Operating Speed Range	675 - 875 RPM
Maximum Feed Size	14"
Maximum Media Weight Top Deck	14 lbs./ft ²
Maximum Media Weight Center & Bottom Deck	8 lbs./ft ²
Maximum Top Deck Opening	5"
Maximum Feed Drop Height	16"
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 7/16" and 5/8". 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)
		in	mm	ft	mm	hp	kW	lb	kg	
5162-32MS	2	5	1,530	16	4,880	30	22	15,900	7,212	160
5163-32MS	3	5	1,530	16	4,880	40	30	19,500	8,845	160
6162-32MS	2	6	1,830	16	4,880	30	22	17,000	7,711	160
6163-32MS	3	6	1,830	16	4,880	40	30	22,000	9,979	160
6202-32MS	2	6	1,830	20	6,100	40	30	19,900	9,026	160
6203-38MS	3	6	1,830	20	6,100	50	37	27,700	12,565	190
7202-38MS	2	7	2,130	20	6,100	60	45	27,500	12,474	190
7203-38MS	3	7	2,130	20	6,100	60	45	30,100	13,653	190
8202-38MS	2	8	2,430	20	6,100	60	45	31,000	14,061	190 wide
8203-38MS	3	8	2,430	20	6,100	75	56	34,500	15,649	190 wide