

Heavy Scalper Screen Specifications



- SCREEN FEATURES**

- Heavy duty 18" feedbox, 4" heavy duty discharge lips, and bolt on tailgate
- Larger shaft assemblies than standard JCI screens
- Flat top deck with bolt pattern for punch plate
- Bottom deck rail spacing set up for coarse screening (bottom decks 5' : 3 rails, 6' : 5 rails, 7' : 6 rails)
- Bolt pattern for adding extension to top of screen
- Huck-bolted assembly
- Three shaft adjustable oval motion stroke pattern
- Quickly adjusts to a finer or coarser screening application by adjusting stroke angle, length and speed
- Fully contained oil splash lubrication system
- Standard scalper screen includes belt guard, motor mount, drive belt, drive sheaves
- Utilizes keyless hub to shaft locking assembly system
- Six superior load carrying double-roll bronze cage spherical bearings
- Balanced to accept various length discharge lips
- Rubber springs to reduce basket, gear, and bearing stress (Also reduces noise)
- Low overall screen height for portability
- No welded-on sidehill washers
- Favorable shaft assembly location under center of gravity of basket
- Bolt-in bottom deck bracing reduces deck/basket stress
- Single crown bottom deck (514 with 7' long drawplates) (516, 616, 620, & 720 with 4' long drawplates)

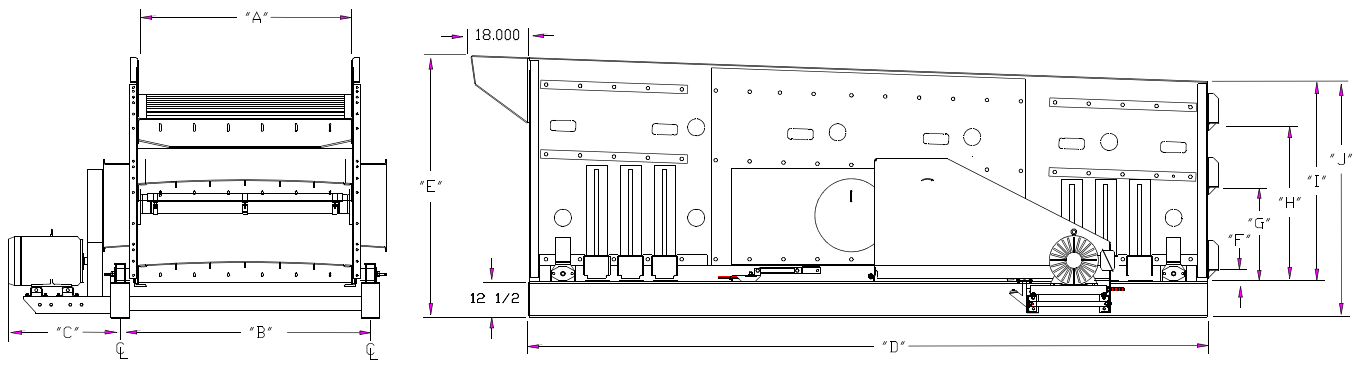
- WIRE CLOTH SUPPORT**

SCREEN LENGTH	WIRE CLOTH SUPPORT STRAPS POSITION AND DRAWPLATE LENGTH
14'	7'
16'	4'
20'	4' (5' Optional)

- OPTIONS**

- Left hand drive
- Spray system
- Divided bottom deck
- Urethane media installation
- Grizzly top deck
- Coil springs
- Top deck crown adapter kit
- Bolt on sideplate extensions

Screen Dimensions



SCREEN SIZE	1200 RPM (HP)	BASKET WEIGHT LBS/(KG)	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"
5142-32HS	25	15,000 (6,804)	61'-1/2" (1,562)	74" (1,880)	35" (889)	168" (4,267)	63-1/8" (1,607)	4-7/8" (124)	N/A	29-1/8" (740)	44' (1,118)	56-5/8" (1,438)
5162-32HS	30	16,400 (7,439)	61'-1/2" (1,562)	74" (1,880)	37" (940)	192" (4,877)	63-7/8" (1,622)	4-7/8" (124)	N/A	29-1/8" (740)	44-1/8" (1,121)	56-3/4" (1,441)
6162-38HS	40	21,500 (9,752)	76" (1,930)	88-1/2" (2,248)	40" (1,016)	240" (6,096)	69-1/2" (1,765)	4-7/8" (124)	N/A	35" (889)	49-3/4" (1,264)	62-1/2" (1,588)
6202-38HS	40	25,500 (11,567)	76" (1,930)	88-1/2" (2,248)	41" (1,041)	240" (6,096)	74-1/2" (1,892)	5-1/2" (140)	N/A	37-3/4" (959)	57 (1,448)	65 1/2 (1,664)
6203-38HS	50	26,400 (11,975)	76" (1,930)	88-1/2" (2,248)	39-1/2" (1,003)	240" (6,096)	92-3/16" (2,342)	4-7/16" (113)	33-1/2" (850)	56-1/8" (1,426)	70 15/16 (1,802)	83 1/8 (2,111)
7202-38HS	50	28,000 (12,700)	88" (2,235)	100-1/2" (2,552)	40-3/8" (1,026)	240" (6,096)	72-1/8" (6,096)	5-1/4" (133)	N/A	35-1/8" (892)	50 1/2 (1,282)	63 (1,600)

Feature Specifications

Feature	Specification	Feature	Specification
Adjustable stroke length (Amplitude)	Maximum between 3/4" and 7/8"	Cloth support bar thickness (Rail thickness)	3/8"
Adjustable stroke angle (Timing angle)	30° to 60°	Deck cross-member spacing	24"
Adjustable operating speed range	575-775 rpm	Side plate thickness	5/16"
Maximum feed size	18"	Reinforcing plate thickness 5', 6', 7" and 8'	5/16"
Maximum media weight	20lbs/sq ft Top Deck 8lbs/sq ft Center/Bottom Decks (Net of mounting hardware)	Feed box liner thickness (AR plate)	1/4"
Maximum top deck opening	All model screens = 6"	Discharge lip liner thickness (AR plate)	1/4"
Maximum drop of feed	12"		

FOR MORE INFORMATION CALL 1-800-314-4656 AND ASK FOR A JCI EQUIPMENT SPECIALIST

Note: Specifications are subject to change without notice.

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