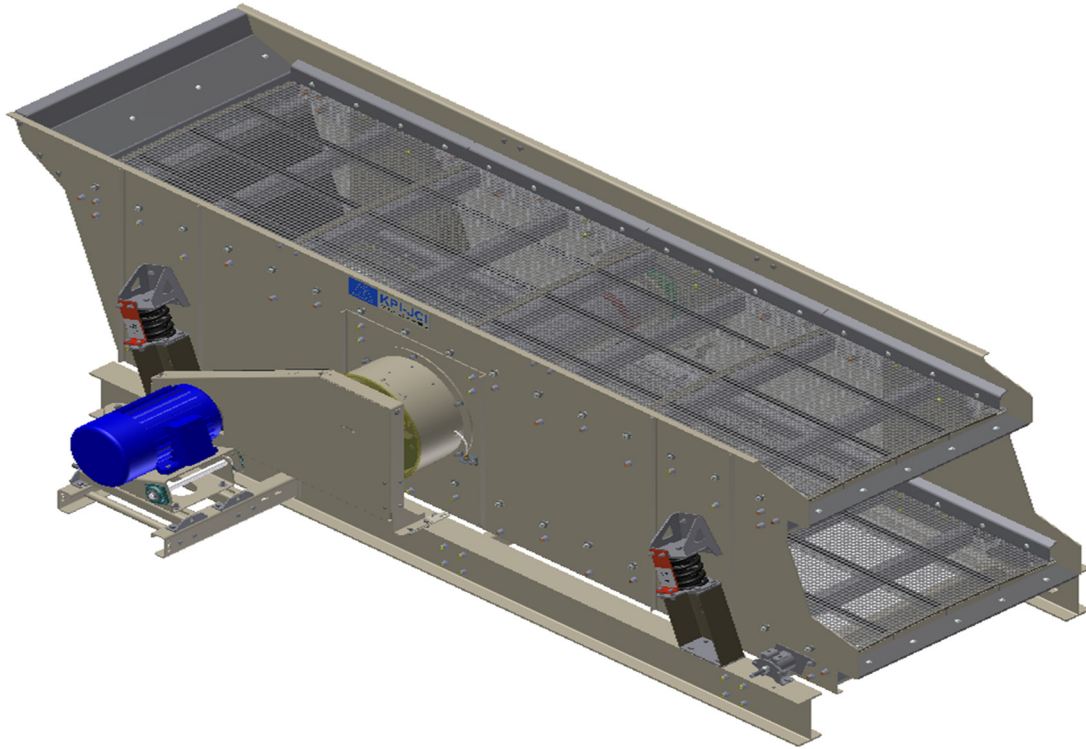




Standard Screen Specifications Single Incline Cascade Spec Sheet (SIC)



• SCREEN FEATURES

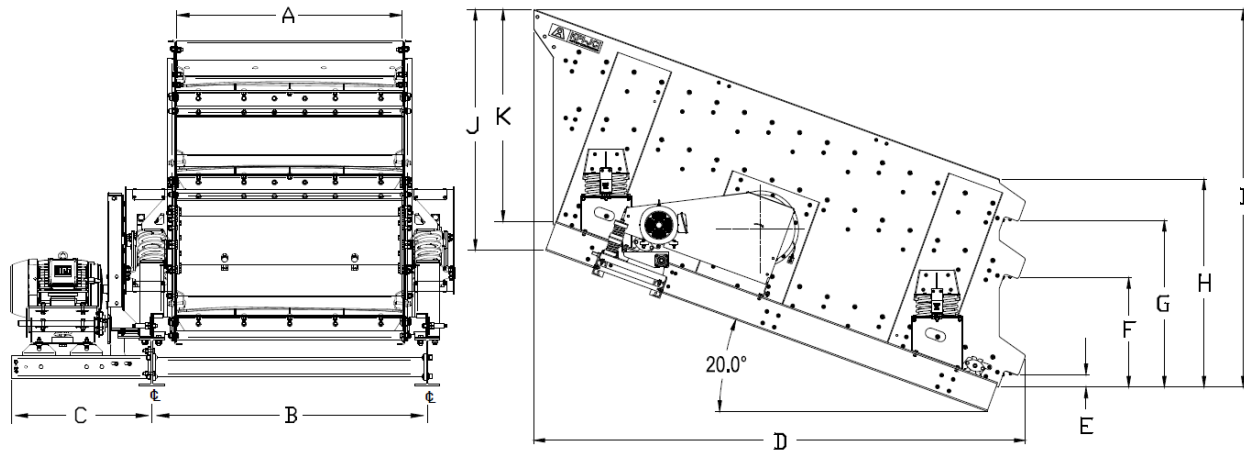
- Heavy duty 5/16" side plates & reinforcing plates
- Huck-bolted assembly
- Circular stroke pattern
- Incline angle 20 degrees
- Single crown top, ctr, & btm decks set up for wire cloth
- Changeable amplitude (stroke) - *completed by adding or removing bolt on weights, change driven sheave & hub*
- Standard stroke - 3/8" set to run at 850 rpm (optional 1200 rpm motor)
- Grease lubricated bearings
- Labyrinth seal & lip seal to prevent grease contamination
- Wire springs
- Rubber snubbers to minimize side to side movement and dampen screen motion on start-up and shut-down
- Bolt on rubber tailgates between decks
- 12" feedbox with 1/4" AR plate liner
- 6" discharge lip with 1/4" AR plate liner
- Heavy duty vibrating screen double roll bronze cage spherical roller bearings
- High strength long lasting 4' drawplates
- Vertical spring support channels for strong basket
- Jacking bolts for easy service of shaft assembly
- Heavy-duty 5/16" shaft tube guard
- Screen width nominal on 4', 5', and 6' screens
(Ex. 4' screen has 48" inside plate width)
- Right hand elec v-belt motor drive w/belt guard
- Pivoting motor base (motor optional)

OPTIONAL EQUIPMENT

- Base frame: parallel, horizontal, or stand type
- Access hole & covers for CTR deck drawplate bolts on 3 deck screens
- Spray pipe holes or knockouts
 - Spray system with stationary pipe supports
 - Spray pipes with threaded nozzles 1/4" orifice
 - Splash pipes with 1/8" opening
 - Urethane nozzles
- Screen width: nominal width +2" or +4" (for custom widths consult the factory)
Ex. 6' wide screen has optional 74" or 76"
- 1200 rpm TEFC motor
- Wire screen cloth
- Oil lubricated bearings
- Left-hand screen drive
- Incline angle: 10, 15 or 25 degrees
- Rubber Springs
- Urethane decks
- Special feedbox: 18" or 24"
- Paint colors

FEATURE	SPECIFICATION	FEATURE	SPECIFICATION
Standard Stroke Length	3/8"	Cloth support bar thickness (rail thickness)	3/8"
Standard operating speed	850 rpm	Deck cross-member spacing	24"
Optional stroke speed relationship	¼" stroke 1000 rpm ½" stroke 750 rpm	Side plate thickness	5/16"
Maximum feed size	10"	Reinforcing plate thickness	5/16"
Maximum media weight	8lbs/sq. ft. (Net of mounting hardware)	Feed box liner thickness (AR plate)	¼"
Maximum top deck opening	4"	Discharge lip liner thickness (AR plate)	¼"
Maximum drop of feed	18"	Shaft tube guard	5/16"

SCREEN DIMENSIONS



SCREEN SIZE	850 RPM (HP)	BASKET WEIGHT LBS/ (KG)	"A" IN (MM)	"B" IN (MM)	"C" IN (MM)	"D" IN (MM)	"E" IN (MM)	"F" IN (MM)	"G" IN (MM)	"H" IN (MM)	"I" IN (MM)	"J" IN (MM)	"K" IN (MM)
5162-26SIC 5162-32SIC	25	12000 (5445)	5' (1524)	6'-1/2" (1842)	3' 3-9/16" (1003)	16' 8-3/4" (5098)	5-1/16" (128)	3' 8-7/16" (1128)	N/A	5' 1-7/16" (1559)	10' 10-9/16" (7770)	6' 2-13/16" (1899)	5' 4-5/16" (1634)
5163-26SIC 5163-32SIC	25	12806 (5821)	5' (1524)	6'-1/2" (1842)	3' 3-9/16" (1003)	16' 8-3/4" (5098)	5-1/8" (130)	3' 8-5/8" (1133)	5' 8" (1728)	7' 13/16" (2155)	12' 10" (3912)	8' 2-3/16" (2494)	7' 2-7/16" (2196)
6162-26SIC 6162-32SIC	25	13000 (5900)	6' (1828)	7'-1/2" (2146)	3' 3-9/16" (1003)	16' 8-3/4" (5098)	5-1/16" (128)	3' 8-7/16" (1128)	N/A	5' 1-7/16" (1559)	10' 10-9/16" (7770)	6' 2-13/16" (1899)	5' 4-5/16" (1634)
6163-26SIC 6163-32SIC	25	16614 (7536)	6' (1828)	7'-1/2" (2146)	3' 3-15/16" (1013)	16' 8-3/4" (5098)	4-1/16" (123)	3' 8-7/16" (1128)	5' 7-13/16" (1723)	7' 13/16" (2155)	12' 10" (3912)	8' 2-3/16" (2494)	7' 3-3/4" (2229)
6202-32SIC	25	15750 (7145)	6' (1828)	7'-1/2" (2146)	3' 3" (990)	20' 5-7/8" (6244)	5-1/16" (128)	3' 8-7/16" (1128)	N/A	5' 1-7/16" (1559)	12' 3" (3733)	6' 2-13/16" (1899)	5' 4-5/16" (1634)
6203-32SIC	30	19850 (9000)	6' (1828)	7'-1/2" (2146)	3' 3" (990)	20' 5-7/8" (6244)	5-1/16" (128)	3' 8-7/16" (1128)	5' 7-13/16" (1723)	7' 13/16" (2155)	14' 2-7/16" (4329)	8' 2-3/16" (2494)	7' 3-3/4" (2229)

Note: Specifications are subject to change without notice.

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