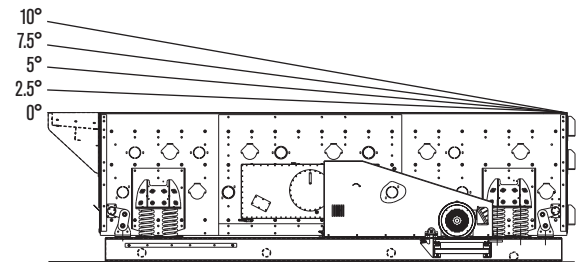
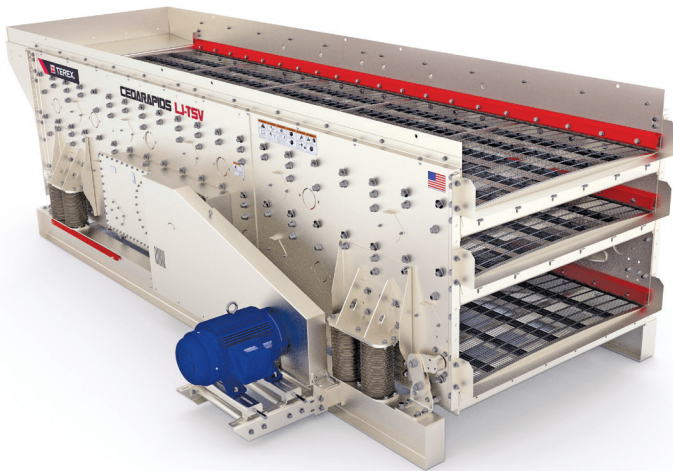


LJ-TS “V” SERIES HORIZONTAL SCREENS



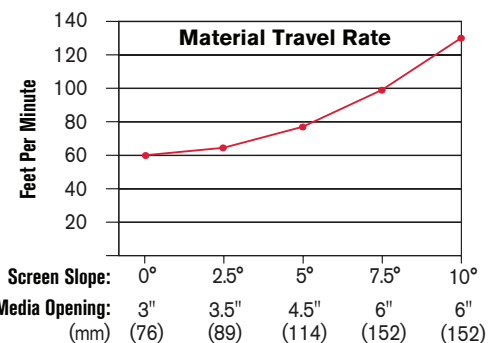
LJ-TSV screen installs from 0° up to 10° in 2.5° increments

Features and Benefits

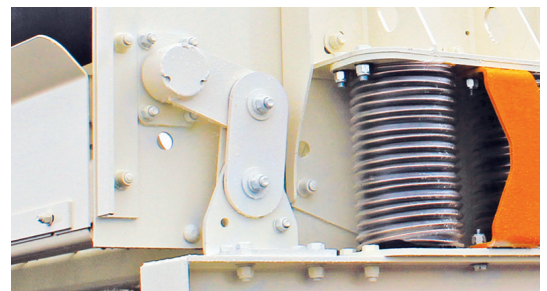
The new Terex® Cedarapids LJ-TSV screen is built even stronger than our rugged TSH models and combines the legendary El-Jay® oval stroke with the unique ability to install at various slopes, increasing production and handling more applications than traditional horizontal screens.

- ▶ *Screen installs from 0° up to 10° in 2.5° increments to best fit a new application or replacement of earlier TSH or TSS models, increasing capabilities to handle larger deck loads and bigger screen openings
- ▶ More steel in “rock zone” for industry leading durability; ⁵/₁₆” (8 mm) Grade 50 side plates are 2-times stronger than ¹/₄” (6 mm) standard steel; rugged computer-optimized decks with full-length bracing
- ▶ New maintenance-friendly features include *low maintenance surge damper system; *replaceable wire cloth seal strips for no-weld repair; bolt-on upper and lower spring guides; tool-less oil check sight glasses; bottom deck feed curtain; optional magnetic deck wear liners
- ▶ *Optional bottom deck deflector plates boost screen efficiency
- ▶ High G-force, high efficiency El-Jay® oval stroke motion adjusts 3-ways (speed, stroke angle, stroke magnitude) to optimize performance
- ▶ Patented “flow-through” lubrication system and “sealed-for-life” double O-ring assembly extend equipment life
- ▶ Medium scalper option increases feed size from 10” to 14” (254 to 355 mm); option includes side liners/extensions

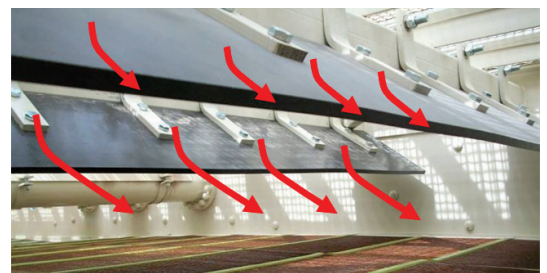
*Patent Pending



Combining high G-force oval stroke and screen slope increases capabilities



Low-maintenance, no-adjustment surge damper system



Optional deflector plates increase bottom deck effective area and capacity

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LJ-TS “V” SERIES HORIZONTAL SCREENS



STANDARD FEATURES

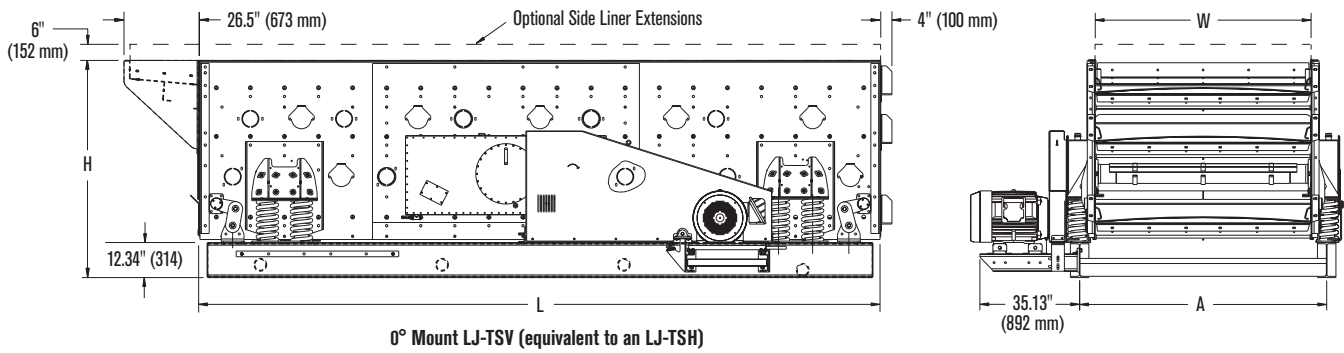
- ▶ El-Jay™ oval stroke with adjustable angle, stroke and speed
- ▶ 25% thicker 5/16" (8 mm) grade 50 high strength steel side plates
- ▶ Heavy-duty fully braced single crown steel deck construction
- ▶ Spring mounts adjust for 0°, 2.5°, 5°, 7.5° or 10° slope installations
- ▶ Exclusive patented and patent-pending features for durability and easy maintenance:
 - Low maintenance vibration damper system
 - Replaceable screen panel seals (616 and 620 models)
 - “Flow-through” bearing lubrication
 - Baffle splash lubrication system
 - Double O-ring sealed for life vibrator construction
- ▶ Spherical washer design eliminates sidewall welds
- ▶ Huck-bolted screen box construction (no welds)
- ▶ Extended life coil spring suspension
- ▶ Replaceable bolt-on spring guides
- ▶ Gland type non-wearing shaft seal
- ▶ Bottom deck feed curtain
- ▶ 4' (1219 mm) clamp bars with spherical washer tensioning system
- ▶ Extended life V-belt drive with sheaves for 1200 rpm motor
- ▶ Enclosed right-hand drive guard, motor mount, and tensioner
- ▶ Adjustable speed motor drive sheave and spring loaded belt tension idler
- ▶ Self aligning two row spherical roller bearings
- ▶ Synthetic broad range lubrication oil
- ▶ Hand access holes with removable covers
- ▶ Spray pipe knock-outs
- ▶ Shaft tube liners
- ▶ Tool-less oil level sight glasses

OPTIONAL EQUIPMENT

- ▶ Medium scalping option (heavier top deck, side liner extensions, feed box and discharge lip)
- ▶ Patent pending bottom deck deflector plates boost efficiency
- ▶ Replaceable magnetic deck wear liners
- ▶ End-tension bottom deck
- ▶ Flat decks for modular media
- ▶ Rigid I-beam base frame
- ▶ Left-hand drive assembly and guard
- ▶ 1500 rpm drive
- ▶ 5' (1524 mm) wire clamp bars (620 and 720 models)
- ▶ Rubber spring suspension
- ▶ Spray system (nozzle or splash)
- ▶ Wire screen cloth
- ▶ Wedge tensioning for wire cloth
- ▶ Cylinder tray for bottom deck
- ▶ Screen-duty electric motor (1200 rpm or 1500 rpm)
- ▶ TOPS2.0 Terex Oil Purification System

SPECIFICATIONS

Terex® Minerals Processing Systems Cedarapids® LJ-TSV Series Horizontal Screens

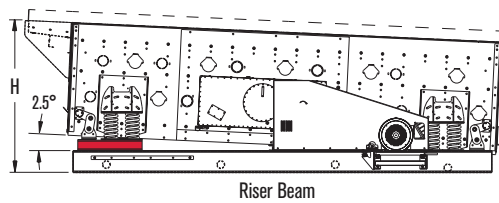


0° Mount LJ-TSV (equivalent to an LJ-TSH)

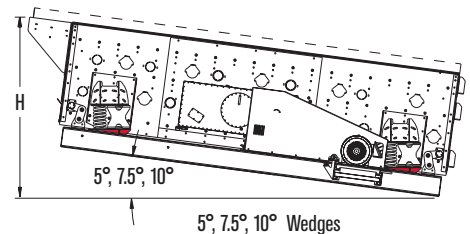
Screen Size	1200 rpm hp (kW)	*Weight lbs (kg)	Dimension in inches (mm) for Standard Coil Springs **Subtract 1.25" (32 mm) for Optional Rubber Springs							
			**H @ 0°	**H @ 2.5°	**H @ 5°	**H @ 7.5°	**H @ 10°	L	W	A
LJ-TSV 5162-26	25 (19)	13100 (5942)	58.58 (1488)	65.08 (1653)	77.2 (1961)	86.82 (2205)	95.34 (2422)	192 (4877)	64 (1626)	75 (1905)
LJ-TSV 5163-26	30 (22)	16600 (7530)	74.24 (1886)	80.89 (2055)	92.89 (2359)	101.93 (2589)	110.85 (2816)	192 (4877)	64 (1626)	75 (1905)
LJ-TSV 6162-32	30 (22)	15900 (7212)	58.58 (1488)	65.08 (1653)	77.2 (1961)	86.82 (2205)	95.34 (2422)	192 (4877)	76 (1930)	87 (2210)
LJ-TSV 6163-32	40 (30)	19600 (8890)	74.24 (1886)	80.89 (2055)	92.89 (2359)	101.93 (2589)	110.85 (2816)	192 (4877)	76 (1930)	87 (2210)
LJ-TSV 6202-32	40 (30)	19100 (8665)	60.15 (1528)	68.89 (1749)	82.87 (2105)	94.00 (2388)	105.04 (2667)	240 (6096)	76 (1930)	87 (2210)
LJ-TSV 6203-32	40 (30)	22650 (10275)	76.46 (1942)	85.14 (2163)	99.12 (2518)	110.17 (2798)	121.01 (3074)	240 (6096)	76 (1930)	87 (2210)
LJ-TSV 7202-38	50 (37)	23000 (10435)	62.24 (1581)	73.06 (1856)	84.98 (21589)	96.16 (2442)	107.1 (2720)	240 (6096)	88 (2235)	99 (2515)
LJ-TSV 7203-38	50 (37)	27500 (12475)	81.85 (2070)	92.81 (2358)	104.75 (2661)	115.55 (2935)	126.67 (3217)	240 (6096)	88 (2235)	99 (2515)
LJ-TSV 8202-38	50 (37)	24250 (11000)	62.05 (1577)	72.88 (1852)	84.77 (2153)	95.91 (2436)	106.99 (2718)	240 (6096)	100 (2540)	111 (2819)
LJ-TSV 8203-38	50 (37)	29500 (13385)	81.91 (2081)	92.75 (2356)	104.57 (2656)	115.61 (2937)	126.43 (3211)	240 (6096)	100 (2540)	111 (2819)

*Weights include base frame, motor mount, belt guard, motor and wire screen cloth.

Screen Slope	Maximum Media Opening	Material Travel Rate - feet/minute
0°	3" (76 mm)	60 (18288 mm)
2.5°	3.5" (89 mm)	64 (19507 mm)
5°	4.5" (114 mm)	77 (23470 mm)
7.5°	6" (152 mm)	99 (30175 mm)
10°	6" (152 mm)	130 (39624 mm)



2.5° Mount LJ-TSV (equivalent to an LJ-TSS or FSG)



5°, 7.5°, 10° Wedges

SPECIFICATIONS

Maximum stroke3/4" (19 mm)
 (stroke can be reduced by removing weight plugs)
 Recommended speed range675 - 875 rpm
 Maximum feed size, standard decks 10" (254 mm)
 Maximum feed size, medium scalping decks14" (356 mm)
 Maximum drop of feed..... 18" (457 mm)
 Discharge lip liner thickness (AR plate)1/4" (6 mm)

Feed box liners, standard (AR plate)1/4" (6 mm)
 Feed box liners, medium scalping (AR plate)3/8" (9.5 mm)
 Bearing size (516 models)130 mm
 Bearing size (616 and 620 models).....160 mm
 Bearing size (720 and 820 models)190 mm
 Wire cloth length, standard.....4' (1219 mm)
 Wire cloth length, optional (620 and 720 models).....5' (1524 mm)

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